Samsung Air Conditioning Solutions 2016

Create ideal air conditions in any environment with a total heating and cooling solution



Samsung

Moving with, and ahead of, our customers

"Put simply, our differentiation is centered on producing innovative technology that brings genuine change to people's lives. We do this by bringing a relentless focus on consumer experience and product innovation to everything we do." Sue Shim CMO (CHIEF MARKETING OFFICER), SAMSUNG





Overseas Industry Leaders – Global Network In more than 75 countries are the foundation of Samsung business. Through their diverse views and talents, Samsung can understand and adapt to markets, wherever they operate. Global Headquarters 10 Global Operation Centres 12 Design Centres 7

Samsung Air Conditioning

Introduction

Samsung have been manufacturing air conditioning systems for almost 40 years, utilising the latest technology and striving to produce the most innovative, efficient and reliable systems on the market today.

At Samsung Electronics, we're committed to helping our customers, partners and employees discover new experiences and possibilities. Across all our businesses, we're inspired by the changing world around us to create new technologies for consumers. From products that are designed to keep pace with how we live our lives to the core components that make it all possible.

This guide has been produced to assist in the selection of the most suitable equipment for today's commercial projects, from Samsung's comprehensive portfolio of 2 and 3-pipe air and water cooled systems, extensive range of indoor unit designs and variety of control options.

Samsung air conditioning has been specified and installed in a wide range of projects and applications in conjunction with other products from the Samsung Electronics product portfolio, including hotel TVs, display screens, CCTV, security systems, wireless networks, mobile devices and Smart Home.

Contents

RAC (Room Air Conditioning)	8
Indoor Units	25
Technical Details	45
FJM (Free Joint Multi)	45
CAC (Commercial Air Conditioning)	82
DVM Indoor Units	132
DVM Outdoor Units	216
Controls	258
EHS (Eco Heating System)	269

Samsung System Air Conditioner

Global Reference Sites



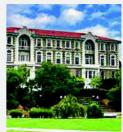
Location: Hungary
Project: Shopping mall



Location: Germany
Project: Soccer stadium



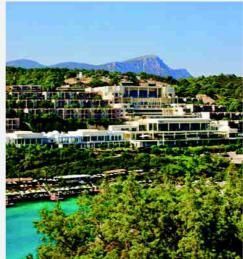
Location: Czech Republic
Project: Apartment building



Location: **Turkey** Project: **University**



Location: Croatia
Project: Office and residential building



Location: Turkey Project: Princess Resort



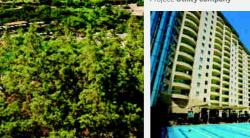
Location: Slovenia Project: Utility company



Location: Turkey
Project: Office building



Location: Turkey
Project: Office building



Location: Turkey Project: Hotel



Location: Germany Project: Business park



Location: Greece Project: Restaurant



Location: France Project: Hotel

Samsung System Air Conditioner

Global Reference Sites



Location: China (Tianjin) Project: International Airport



Location: India Project: Fathe Prakash Palace



Location: China (Tianjin) Project: Apartment, Office



Project: Soccer Stadium



Location: Saudi Arabia Project: Medical Clinic



Location: Qatar Project: Office Building



Location: Turkey (Istanbul)
Project: Mall of Istanbul



Location: Austria Project: City Hall Traiskirchen



Location: China (Nanjing)
Project: Office



Location: China (Qingdao)
Project: Office



Location: China (Beijing)

Project: Industry & Technology Park

Project: Viet Han Tower





Location: **Korea (Songdo)**Project: **World Mark**



Location: **UAE** Project: Residential Building



Location: Australia (Sydney) Project: St. Joseph School



Location: UK (Edinburgh) Project: Sheraton Hotel

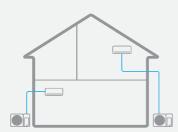


Location: Kenya (Mombasa) Project: English Point Marina

Product Categories

RAC Room Air Conditioning

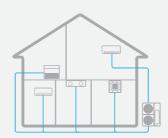
Room air conditioning is easily installed and connects one indoor unit to an outdoor unit. This is a simple solution for one room.





FJM Residential

A single outdoor unit supporting up to five indoor units, the FJM system is ideal for residential spaces with multiple rooms to increase space efficiency.





SINGLE Light Commercial

This one-to-one system that links outdoor and indoor units is the most suitable air solution for individual businesses to manage their own air-conditioning system in small and medium-sized commercial buildings.





VRF Large Scale Building

With its wide range of capacities and advanced technology, the DVM system is a perfect cooling and heating solution for any type of space from high-rise buildings to small commercial.







Room Air Conditioner











Room Air Conditioning (RAC)

Designed for More Powerful Cooling

Samsung's unique triangular design efficiently circulates cool, clean air faster, farther and wider around your home.



Room Air Conditioning (RAC)

Line-Un

Model	Range	Capacity (Kbtu)							
Model	Kange		9	12	18	24			
	AR9600		•	•					
	AR9500		•	•					
A3050	AR7600		•	•					
A3050	AR7500	•	•	•	•	•			
	AR5500	•	•	•	•	•			
	AR5600	•	•	•	•	•			
Boracay	Boracay	•	•	•	•	•			
Maldives	Maldives	•	•	•	•	•			











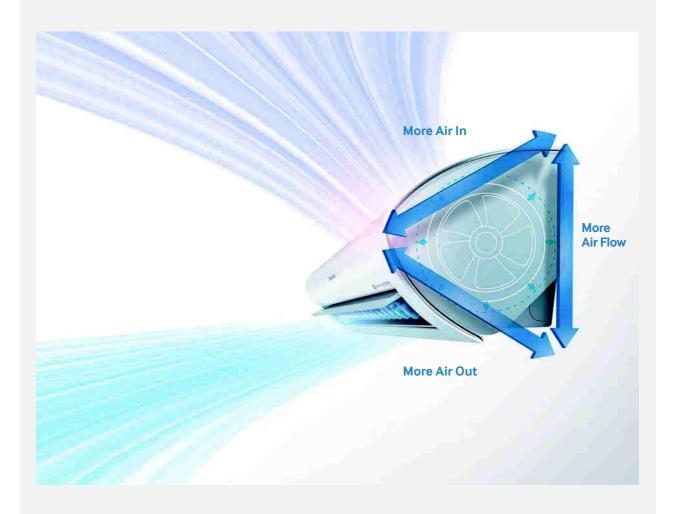






RAC

Cools Faster, Further and Wider

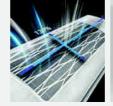




Triangle Design

The Samsung Air Conditioner has been designed from the ground up to be outstandingly efficient. Its uniquely triangular design has a wider inlet, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan also ensure that air is cooled and expelled faster, further and wider.* So refreshingly cool air reaches every corner of your room.

 ${\rm *Tested}\ on\ ARO9HSFSBWK\ model.\ Compared\ with\ Samsung\ conventional\ model\ AQV09TWS.$







air flow M

RAC



Digital Inverter

The Samsung Air Conditioner features an energy-efficient Digital Inverter with SEER 10.1. It can maintain the desired temperature without frequently shutting off and on, so it consumes less energy.* The Digital Inverter helps you to stay comfortable for long periods of time, while using the minimum amount of energy.

* Compared to the Samsung AR09FSSKABENEU model with the same capacity, which is SEER 8.5.







Cools you fast then cools you comfortably



Save energy and stay cool when you're alone



Virus Doctor and Easy Filter

Virus Doctor and Easy Filter eliminates dust, dangerous airborne contaminants and allergens, as well as bacteria and viruses, including the Influenza A and Corona viruses* – firstly, using a filter and secondly, with Virus Doctor. So it keeps the air you breathe clean and healthy.

* Tested in Kitasato Environmental Science Center (Japan) & Yonsei Univ. (Korea) / Korea test lab(FITI/KEMTI) and Japan test lab(TIEA). Effective on 4 viruses, including Subtype H1N1, and certain bacteria. Data has been measured under specific testing conditions and may differ based on environmental factors.



Virus Doctor



Quick and easy to clean filter



Triple Protector Plus

The Samsung Air Conditioner keeps going in the most challenging environments. Its Triple Protector Plus technology prevents the compressor and controller from being overloaded by power surges and fluctuating electrical currents. It also has an anti-corrosive coating to stop the condenser from corrosion, and cabinet from rusting. And its larger condenser and optimised refrigerant flow mean it can endure extremely hot temperatures (up to 58°C).

 ${}^*\!T\!e\!sted on AR09HPSDDWK/SG. Compared with Samsung conventional model AR09HPSDFAP/RC.$



Fin and chassis protector

11



Compressor protector



Controller protecto



The Triangle. Ultimate Cooling Design – Cools Faster, Further and Wider

The Samsung Air Conditioner has been designed from the ground up to be outstandingly efficient. Its uniquely triangular design has a wider inlet, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan also ensure that air is cooled and expelled faster and further. So refreshingly cool air reaches every corner of your room without blind spots.

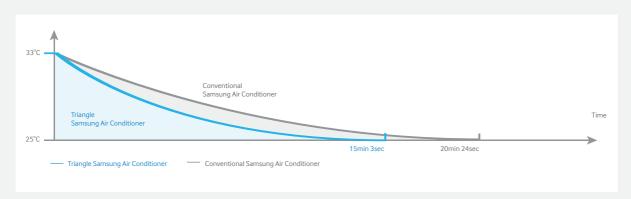


RAC



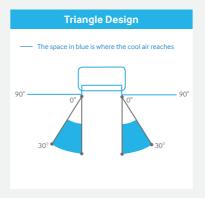
Faster

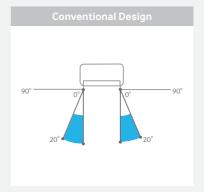
The new Samsung Air Conditioner has a 26% faster cooling speed compared to conventional models.



Wider

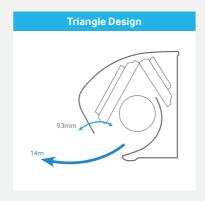
The improved width and angle of its outlet also ensure that air is expelled wider, minimising blind spots.

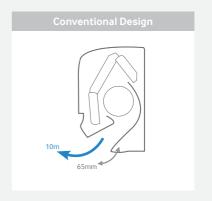




Further

The outlet angle is enhanced compared with conventional models, enabling a long air flow of 14 metres.







Eliminates Viruses with Virus Doctor* and Easy Filter

Virus Doctor and Easy Filter eliminates dust, dangerous airborne contaminants and allergens, as well as bacteria and viruses, including the Influenza A and Corona viruses* – firstly using a filter and secondly with Virus Doctor. So it keeps the air you breathe clean and healthy.

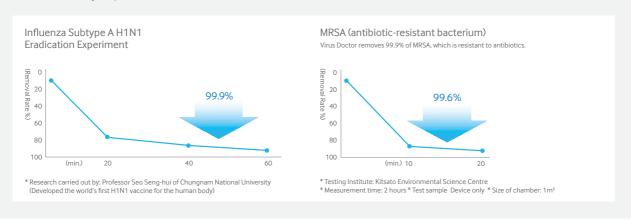
* Tested in Kitasato Environmental Science Center (Japan) & Yonsei Univ.(Korea) /Korea test lab(FITI/KEMTI) and Japan test lab(ITEA). Effective on 4 viruses, including Subtype H1N1, and certain bacteria.

Data has been measured under specific testing conditions and may differ based on environmental factors.



Virus Doctor – Eliminate the influenza virus

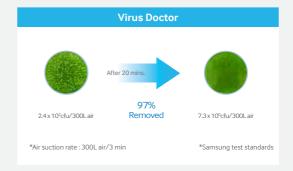
Viral removal testing was carried out on the influenza virus, the most common airborne virus, leading to confirmation of virus doctor's ability to effectively eliminate more than 99.9% of influenza viruses in the air. (Certification by: Korea-Yonsei University, Chungnam National University / Japan - Kitasato Environmental Science Center, Medical Center)





Microbial Test Results (Staphylococcus aureus)

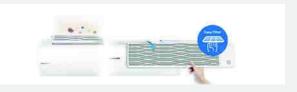




Easy Filter – Quick and Easy to Clean

The Easy Filter is located outside, on the top, so it can easily be taken out and cleaned. Its anti-bacterial coating filters dust, dangerous airborne contaminants and allergens.* Unlike conventional filters that are often difficult to access, the Samsung Air Conditioner's Easy Filter is located outside, on the top. So it can easily be taken out, cleaned and put back – without having to open a cover or pull hard to get it out.

*Tested in Korea test lab(FITI/KEMTI) and Japan test lab(ITEA). Data has been measured under specific testing conditions and may differ based on environmental factors.





Smartly Convenient

With the Samsung Air Conditioner you can enjoy the confidence that it's properly installed and the convenience of remote control and trouble-shooting. Smart Installation checks for common problems to make sure it is properly installed. Using an App on your smartphone, Smart Wi-Fi lets you monitor and change energy settings from anywhere and Smart Check lets you diagnose errors and request a service immediately.

Smart Installation – Ensure proper installation

Smart Installation is a self-diagnosis feature that ensures your Samsung Air Conditioner is installed perfectly by your service engineer. It automatically checks for installation faults that can cause problems when using the air conditioner, including ineffective communication with the outdoor unit, any issues with the integrity of the air pipe and poor refrigerant flow.



Smart Wi-Fi – Control it anywhere

Using an App* on your smartphone the Smart Wi-Fi function lets you remotely control the functions of the Samsung Air Conditioner and schedule its operation. In any location with a wireless network, you can instantly turn it on and off and select the operating mode and temperature. Or you can schedule when to start and stop and control other functions.







Smart Check – Easy troubleshooting

The Samsung Air Conditioner includes Smart Check, an automatic error-monitoring system. It detects and diagnoses problems at an early stage and provides quick and easy troubleshooting solutions using a smartphone App*. So it saves you time having to find the manual and avoids the cost and inconvenience of unnecessary engineer callouts** – and potentially expensive repair bills.



Error Mode

Error Code	Cause
E101 /E102	Communication Error (Indoor \hookrightarrow Outdoor)
E121	Indoor Temperature Sensor Error
E122	Indoor Heat Exchanger Temperature Sensor Error
E154	Indoor Fan Motor Speed Detecting Error
E162	EEPROM Error
E163	EEPROM Option Setting Error
From E200	Outdoor Error Display

^{*} Available on iPhones and Android devices.

^{**} This function operates for certain error mode only and is not substitute for periodic service checkup.

RAC Range AR9600, AR9500

SPECIFICATIONS AR09/12JSPFBWKN/EU, AR09/12JSPFBWKN/EU

Range			ARS	9600	AR9	500
Model Code			AR09JSPFAWKN/EU	AR12JSPFAWKN/EU	AR09JSPFBWKN/EU	AR12JSPFBWKN/EU
		Cooling	8,530	11,942	8,530	11,942
	Capacity (Btu/hr)	Heating	10,918	13,648	10,918	13,648
	capacity (bta/111)	Cooling (Min - Max)	3,310~11,260	3,310~13,648	3,310~11,260	3,310~13,648
		Heating (Min - Max)	2,900~20,472	2900~22519	3,310~18,425	3,310~19,790
		Cooling	2.50 3.20	3.50 4.00	2.50 3.20	3.50 4.00
	Capacity (kW)	Heating Cooling (Min - Max)	0.97~3.3	4.00 0.97~4.0	0.97~3.3	4.00 0.97~4.0
		Heating (Min - Max)	0.85~6.0	0.97 4.0	0.97 ~ 5.40	0.97 4.0
		Cooling	2,150.0	3,009.0	2,150.0	3,009.0
		Heating	2,752.0	3,439.0	2,752.0	3,439.0
	Capacity (Kcal/hr)	Cooling (Min - Max)	834~2,838	834~3,440	834~2,838	834~3,440
		Heating (Min - Max)	731~5,160	731~5,676	834~4,644	834~4,988
		EER (Cooling, Btu/W)	15.51	12.70	14.46	12.31
Performance	FFD (COD	EER (Cooling, W/W)	4.55	3.72	4.24	3.61
	EER / COP	COP (Heating, W/W)	4.16	3.81	4.10	3.81
		SEER (Cooling, W/W)	8.5	7.1	7.1	6.7
		Grade (for cooling)	A+++	A++	A++	A++
	CEED (COOD	kWh/annum (for cooling)	103.0	173.0	123.0	183.0
	SEER/SCOP	SCOP (Heating, W/W)	4.6	4.6	4.6	4.6
		Grade (for 'average' heating)	A++	A++	A++	A++
		kWh/annum (for heating)	730.0	883.0	730.0	883.0
	Moisture Removal (I/	hr)	0.9	1.2	0.9	1.2
	Noise Level Power	Indoor High	56	58	57	59
	140ISC LEVEL POWER	Outdoor High	59	62	59	62
	Noise Level Pressure	Indoor High / Low	38 / 16	39 / 16	38/16	40 / 16
	140ISC LEVELPTESSUFE	Outdoor High	45	46	45	46
		Operating Current (Cooling)	2.7	4.4	3.2	4.8
	Energy Efficiency	Operating Current (Heating)	3.6	4.9	3.8	5
Electrical Data	Energy Emiliency	Power Consumption (Cooling)	550	940	590	970
		Power Consumption (Heating)	770	1,050	780	1,050
	Power Source	V/Hz/Φ	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz
		Net Dimension (WxHxD, Indoor)	936*267*264	936*267*264	936*267*264	936*267*264
	Dimension	Net Dimension (WxHxD, Outdoor)	790*545*285	790*545*285	790*545*285	790*545*285
	Patricipio[]	Gross Dimension (WxHxD, Indoor)	1020*326*345	1020*326*345	1020*326*345	1020*326*345
Physical Specification	n	Gross Dimension (WxHxD, Outdoor)	926*640*384	926*640*384	926*640*384	926*640*384
Trysical Specification	"	Net Weight (Indoor)	12.5	12.5	12.0	12.0
	Weight	Net Weight (Outdoor)	35.0	35.0	34.5	34.5
	Weight	Gross Weight (Indoor)	15.0	15.0	14.5	14.5
		Gross Weight (Outdoor)	38.0	38.0	37.5	37.5
	W/O Pipe	Set (20 / 40ft / 40ft HC)	78/165/192	78/165/192	78/165/192	78/165/192
Loading Q'ty	W/O Pipe	IDU (20 / 40ft / 40ft HC)	238/476/544	238/476/544	238/476/544	238/476/544
	W/O Pipe	ODU (20 / 40ft / 40ft HC)	102/219/292	102/219/292	102/219/292	102/219/292
	Piping Length	Piping Length (standard)	5.0	5.0	5.0	5.0
		Piping Length (Max)	15.0	15.0	15.0	15.0
	Piping Height	Piping Height (Max)	8.0	8.0	8.0	8.0
	n Refrigerant	Туре	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)	R410 A (Fluorinated greenhouse gas, GWP>1
recnnical information		Charging	1,100	1,100	1,100	1,100
		Additional if Chargeless (after 5m)	15	15	15	15
		Gas (ODxL)	6.35*5	6.35*5	6.35*5	6.35*5
	SVC Valve	Liquid (ODxL)	9.52*5	9.52*5	9.52*5	9.52*5
		Triangle Technology	•		•	•
		Long Air Flow (14m)	•		•	•
	Air Flow	Air Direction Control (Up / Down)	Auto	Auto	Auto	Auto
		Air Direction Control (Left / Right)	Auto	Auto	Auto	Auto
		Air Flow Control Step (Cool / Fan)	5/4	5/4	5/4	5/4
		Virus Doctor	•	•	•	•
		Virus Doctor Lamp	•	•	•	•
		Neo Triple Filter (Easy Filter Plus)		-	-	-
		Easy Filter	•	•	•	•
	Air Purification	3-Care Filter	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
		Allergy Care	•	•	•	•
		Anti-Bacteria Coating	•	•	•	•
		Anti-Virus Coating	•	•	•	•
		Auto-Clean (Self-Cleaning)	•	•	•	•
		Smart Home	•	•	•	•
		Filter Cleaning Indicator	•	•	•	•
		Indoor Temp. Display	88 Segment	88 Segment	88 Segment	88 Segment
		Display On / Off	•	•	•	•
	Convenience	Display of Energy Consumption (usage)	•	•	•	•
		Beep On / Off	• T		• T. I.E. T.	
General Feature		24-Hour Timer / Real Timer	Real-time Timer	Real-time Timer	Real-time Timer	Real-time Timer
		Auto Changeover	•	•	•	•
		Auto Restart	•	•	•	•
		2-Step Cooling	•	•	•	•
		Fast Cool	•	•	•	•
		Comfort Cool	•	•	•	•
		Good Sleep	•	•	•	•
		Single User Mode (Inv)	•	•	•	•
	Operating Mode	Dehumidification	•		•	•
		Auto Mode	•	•	•	•
		Fan Mode	•	•	•	•
		Quiet Mode	•	•	•	•
		Auto Restart	•	0	•	•
		Smart Install	• T : N.D.O.	e T : PUDO	• T : PLD0	e T : DIDO
		Compressor Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
					•	•
	Outdoor I I= 14	Anti-Corrosion Fin	•			
	Outdoor Unit and PBA	Anti-Corrosion Fin Compressor Protector	•	•	•	•
	Outdoor Unit and PBA	Anti-Corrosion Fin Compressor Protector PBA Protector			•	0
	Outdoor Unit and PBA	Anti-Corrosion Fin Compressor Protector PBA Protector Multi-Channel Condensor	0	•	•	•
	Outdoor Unit and PBA	Anti-Corrosion Fin Compressor Protector PBA Protector	•	•		

SPECIFICATIONS AR09/12HSSDAWKN/EU

Range			AR7600				
Model Code			AR09HSSDAWKNEU	AR12HSSDAWKNEU			
		Cooling	8,530	11,942			
	0 1 (0) (1)	Heating	10,918	13,648			
	Capacity (Btu/hr)	Cooling (Min - Max)	3,378 ~ 11,260	3,378 ~ 13,648			
		Heating (Min - Max)	2,900~20,472	2,900~22,519			
		Cooling Heating	2.50 3.20	3.50 4.00			
	Capacity (kW)	Cooling (Min - Max)	0.99~3.3	0.99~4.0			
		Heating (Min - Max)	0.85~6.0	0.85~6.6			
		Cooling	2150.0	3009.0			
	Capacity (Kcal/hr)	Heating Cooling (Min - Max)	2752.0 851~2838	3439.0 851~3440			
		Heating (Min - Max)	731 ~ 5160	731~5676			
Df		EER (Cooling, Btu/W)	16.4	14.1			
Performance	EER / COP	EER (Cooling, W/W)	4.81	4.12			
		COP (Heating, W/W)	4.78	4.21			
		SEER (Cooling, W/W) Grade (for cooling)	10.1 A+++	9.2 A+++			
		kWh/annum (for cooling)	87.0	133.0			
	SEER/SCOP	SCOP (Heating, W/W)	5.1	4.8			
		Grade (for 'average' heating)	A+++	A++			
	M :	kWh/annum (for heating)	604.0	875.0			
	Moisture Removal (I/	Indoor High	0.9 56	1.2 58			
	Noise Level Power	Outdoor High	59	62			
	Noise Lovel Deser	Indoor High / Low	38 / 16	40 / 16			
	Noise Level Pressure	Outdoor High	45	46			
		Operating Current (Cooling)	2.6	4			
Electrical Data	Energy Efficiency	Operating Current (Heating) Power Consumption (Cooling)	3.3 520	4.4 850			
LICCUICGI DALA		Power Consumption (Cooling) Power Consumption (Heating)	520 670	950 950			
	Power Source	V/Hz/Φ	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz			
		Net Dimension (WxHxD, Indoor)	896*261*261	896*261*261			
	Dimension	Net Dimension (WxHxD, Outdoor)	790*545*285	790*545*285			
		Gross Dimension (WxHxD, Indoor)	956*317*335	956*317*335			
hysical Specification	· ———	Gross Dimension (WxHxD, Outdoor) Net Weight (Indoor)	926*640*384 11.5	926*640*384 11.5			
		Net Weight (Outdoor)	35.0	35.0			
	Weight	Gross Weight (Indoor)	14.0	14.0			
		Gross Weight (Outdoor)	38.0	38.0			
	W/O Pipe	Set (20 / 40ft / 40ft HC)	85/177/200	85/177/200			
oading Q'ty	W/O Pipe	IDU (20 / 40ft / 40ft HC)	287/588/672	287/588/672			
	W/O Pipe	ODU (20 / 40ft / 40ft HC) Piping Length (standard)	102/219/292 5.0	102/219/292 5.0			
	Piping Length	Piping Length (Max)	15.0	15.0			
	Piping Height	Piping Height (Max)	8.0	8.0			
Fechnical Information		Туре	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)			
	Refrigerant	Charging	1100	1100			
		Additional if Chargeless (after 5m) Gas (ODxL)	15 6.35*5	15 6.35*5			
	SVC Valve	Liquid (ODxL)	9.52*5	9.52*5			
		Triangle Technology	•	•			
		Long Air Flow (14m)	•	•			
	Air Flow	Air Direction Control (Up / Down)	Auto	Auto			
		Air Direction Control (Left / Right) Air Flow Control Step (Cool / Fan)	Auto 5 / 4	Auto 5 / 4			
		Virus Doctor	9	37 H			
		Virus Doctor Lamp	•	•			
		Neo Triple Filter (Easy Filter Plus)	•	•			
	11 B 16 11	Easy Filter	20 50 50	20 50 605 50			
	Air Purification	3-Care Filter	3 Care Filter (HD 60)	3 Care Filter (HD 60)			
		Allergy Care Anti-Bacteria Coating	•	•			
		Anti-Virus Coating	•	•			
		Auto-Clean (Self-Cleaning)	•	•			
		Smart Home					
		Filter Cleaning Indicator	98 Segment	e 88 Segment			
		Indoor Temp. Display Display On / Off	88 Segment •	88 Segment			
	Convenience	Display of Energy Consumption (usage)	•	•			
		Beep On / Off	•	•			
eneral Feature		24-Hour Timer / Real Timer	Real-time Timer	Real-time Timer			
		Auto Changeover	•	•			
-		Auto Restart 2-Step Cooling	•	•			
			•	•			
		Fast Cool					
		Fast Cool Comfort Cool	•	•			
		Comfort Cool Good Sleep		0			
		Comfort Cool Good Sleep Single User Mode (Inv)	0 0 0	0			
	Operating Mode	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification	• • •	0 0 0			
	Operating Mode	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode	0 0 0 0	•			
	Operating Mode	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode	• • • • • • •	•			
	Operating Mode	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode	0 0 0 0	•			
	Operating Mode	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode	0 0 0 0 0	•			
	Operating Mode	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart	• • • • • • • • • •	•			
		Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Rostart Smart Install Compressor Type Anti-Corrosion Fin	• • • • • • • • • Twin BLDC	• • • • • • • • • • • • • • Twin BLDC			
	Operating Mode Outdoor Unit and PBA	Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Protector	• • • • • • • • • • • • • • Twin BLDC •	• • • • • • • • • • • • Twin BLDC			
	Outdoor Unit	Comfort Cool Good Sleep Single User Mode (inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Protector PBA Protector	• • • • • • • • • Twin BLDC	• • • • • • • • • • • • • • Twin BLDC			
	Outdoor Unit and PBA	Comfort Cool Good Sleep Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Protector PBA Protector Multi-Channel Condensor	• • • • • • • • Twin BLDC • • • •	• • • • • • • • • • • • Twin BLDC • • • • • • • • • • • • • • • • •			
	Outdoor Unit	Comfort Cool Good Sleep Single User Mode (inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Protector PBA Protector	• • • • • • • • • • • • • • Twin BLDC •	• • • • • • • Twin BLDC			

SPECIFICATIONS
AR07/09/12/18/24KSPDBWKN/EU

Capacity (No.11) Capacity (N	Range					AR7500		
Column C	Model Code			AR07KSPDBWKN/EU	AR09KSPDBWKN/EU	AR12KSPDBWKN/EU	AR18KSPDBWKN/EU	AR24KSPDBWKN/EU
Personal			Cooling	6.824	8,530		17,060	23,202
Capting Storage Capting St		Canacity (Rtu/hr)						
Comparison		Capacity (bta/111)		-				
Part				2.00				
Commons								
Programme		Capacity (kW)						
Maria Capathy Skall Capa					0.97~5.40	0.97 ~ 5.80		1.9~10
Color Colo				-				
Marie Remote Process Marie Remote Process		Capacity (Kcal/hr)						
Record R		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Part Company Company								
March Contenting with 4-10 3-31 4-11 3-31	Performance	FFD / COD						
Section Sect		EER/ COP		-				
Michael Michael			SEER (Cooling, W/W)		7.1	6.7	7.0	7.0
Section Sect								
Case International As		SEER/SCOP		-				
Wilderman (file beauting)								
Maria Remoral Offs								
Maria Na Filam		Moisture Removal (I/h						
Moder Level Prisonome Moder Service Modern Service				56				
Restrict Black Section Committee C		THOISE LEVEL POWER		-				
December December December Control C		Noise Level Pressure		35 / 16				
Description				- 0.2				
Rower Communication Networks 30.0 78.0 1.00.0 1.00.0 1.00.0 2.290	Flectrical Data	Energy Efficiency						
Per Source Virtual	ata							
		Power Source	V/Hz/Φ					1phase, 220-240V~, 50Hz
Prysical Specification			Net Dimension (WxHxD, Indoor)		826*261*261	826*261*261	1065*301*294	1065*301*294
Physical Specification		Dimension		-				
Neglight Nethight (Indication) 10.2 10.2 15.5 15.5		Difficition		•				
Weight Methylet (Enthodo)	Physical Specification	N Weight		-				
Section Control Cont								
Good Weight Dischardool 975 975 575 555 555								
Loading OTy W/O Pipe								
W/O Pipe		W/O Pipe	Set (20 / 40ft / 40ft HC)		87/180/205			51/104/123
Piging Length Piging Length (Max)	Loading Q'ty			-				
Piping Legipt Piping Legipt Piping Legipt Maximal State 15.0 15.0 30.0 30.0 30.0 30.0 15		W/O Pipe		-				
Piping (pergip Nation)		Piping Length						
Perhancial Information Perhancial Informat		Pining Height						
Chestrial Information Chestrial Ches					R410A (Fluorinated greenhouse	R410A (Fluorinated greenhouse	R410A (Fluorinated greenhouse	R410A (Fluorinated greenhouse
Additional (Changeless After Sm) . 15.0 1	Technical Information	Refrigerant			gas, GWP>150)	gas, GWP>150)	gas, GWP>150)	gas, GWP>150)
SVC Valve								
No.				0.52*5				
Trangle Technology		SVC Valve						
Air Plow Air Direction Control (Lapt / Bipship) Auto Auto Auto Auto Auto Auto Auto Aut					•	•	•	•
Air Direction Control (Lett / Right)					•	•	•	•
Air Pour Control Step (Cool / Fan)		Air Flow						
Visus Doctor								
Virus Doctor Jamp -						5/4		
No Tiple Filter (Easy Filter Plus)				*				
Air Purification Same Filter Same Filt				-				
Alterny Care						•	•	•
Anti-Bacteria Coating			Neo Triple Filter (Easy Filter Plus)			•	•	•
Anti-Virus Coating			Neo Triple Filter (Easy Filter Plus) Easy Filter	•	•	•	•	0
Auto-Clean Seff-Cleaning) • • • • • • • • •		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care	• 3-Care Filter (HD 60)	- 3-Care Filter (HD 60)	• • •	• • •	• • • • • • • • • • • • • • • • • • •
Smart Home		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating	• 3-Care Filter (HD 60)	- 3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
Filter Cleaning Indicator		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating	• 3-Care Filter (HD 60) • •	3-Care Filter (HD 60)	3-Care Filter (HD 60)	• • • • • • • • • • • • • • • • • • •	3-Care Filter (HD 60)
Indoor Temp. Display - 88 Segment 89 Segment 88 Segment 88 Segment 89 Segment 88 Segment 88 Segment 89 Segment 88 Segment 89 Segment 88 Segment 89 Segment 89 Segment 88 Segment 89		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Auti-Cilcan (Self-Cleaning)	• 3-Care Filter (HD 60) • • • • •	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
Display of April Display of Energy Consumption (usage)		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Goating Anti-Vrus Coating Anto-Clean (Self-Cleaning) Smart Home	• 3-Care Filter (HD 60) • • • •	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
See See		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator	• 3-Care Filter (HD 60) • • • •	3-Care Filter (HD 60)	• • • • • • • • • • • • • • • • • • •	• • •	3-Care Filter (HD 60)
Auto Changeover		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	3-Care Filter (HD 60) 0 0 0 0 0 0 88 Segment	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
Auto Changeover		Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage)	3-Care Filter (HD 60)	- 3-Care Filter (HD 60) - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	3-Care Filter (HD 60) 0 0 0 0 88 Segment	3-Care Filter (HD 60)	3-Care Filter (HD 60) - 3-Care Filter (HD 60)
Auto Restart	Concellant	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off	3-Care Filter (HD 60)	3-Care Filter (HD 60) 0 0 0 0 0 0 0 88 Segment 0 0	88 Segment	88 Segment	3-Care Filter (HD 60)
2-Step Cooling	General Feature	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer	3-Care Filter (HD 60)	8 Segment 0 24-Hour	3-Care Filter (HD 60) 0 0 0 0 88 Segment 0 0 24-Hour	88 Segment 24-Hour	3-Care Filter (HD 60) 3-Care Filter (HD 60) 88 Segment 24-Hour
Fast Cool	General Feature	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep Dn / Off 24-Hour Timer / Real Timer Auto Changeover	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	88 Segment 0 24-Hour	88 Segment 24-Hour	88 Segment 24-Hour	3-Care Filter (HD 60) - 3-Care Filter (HD 60) - 0 - 0 - 0 - 88 Segment - 0 - 24-Hour - 0
Comfort Cool	General Feature	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On 7 Off Display of Energy Consumption (usage) Beep On 7 Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart	3-Care Filter (HD 60)	88 Segment 24-Hour	88 Segment 0 24-Hour	88 Segment 24-Hour	. 3-Care Filter (HD 60)
Single User Mode (Int) -	General Feature	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	88 Segment 0 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour	88 Segment 24-Hour	3-Care Filter (HD 60)
Operating Mode 9 •	General Feature	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	8 Segment 8 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment	88 Segment	. 3-Care Filter (HD 60) . 3-Care Filter (HD 60) . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0
Auto Mode - • • • • • • • • • • • • • • • • • •	General Feature	Air Purification	Neo Triple Filter (Easy Filter Plus) Easy Filter Allersy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Olean (Self-Cleaning) Smart Home Filter (Easning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	88 Segment 0 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment - 24-Hour
Fan Mode	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter Alcare Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (linv)	* 3-Care Filter (HD 60) *	8 Segment 8 Segment 9 24-Hour 9 10 10 10 10 10 10 10 10 10	88 Segment	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Quiet Mode	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Ocean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 2-4-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification	* 3-Care Filter (HD 60) *	8 Segment 8 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Auto Restart - • • • • • • • • • • • • • • • • • •	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter (Leaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	9 3-Care Filter (HD 60) 0 0 0 0 0 0 0 0 0 88 Segment 0 0 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3-Care Filter (HD 60)
Smart Install - • • • • • • • • •	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sieep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	8 Segment 8 Segment 9 24-Hour 9 9 10 10 10 10 10 10 10 10	88 Segment 0 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CompressorType	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter Allersy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Clean (Self-Cleaning) Smart Home Filter (Easning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beey of Dergy Consumption (usage) Beey of Dergy Consumption (usage) Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sieep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	83 Segment 88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3-Care Filter (HD 60) 3-Care Filter (HD 60) 0 0 88 Segment 0 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0
Outdoor Unit and PBA Anti-Corrosion Fin •	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Auto-Clean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Fan Mode Quiet Mode Auto Restart	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	3-Care Filter (HD 60)	88 Segment	88 Segment 8 24-Hour 9 9 9 9 9 9 9 9 9 9 9 9 9	
and PBA Colliplessor Protector - • • • • • • • • • • • • • • • • • •	General Feature	Air Purification Convenience	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Ocean (Self-Cleaning) Smart Home Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 2-4-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Quiet Mode Auto Restart	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	9. 3-Care Filter (HD 60) 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 Segment 9 24-Hour 9 9 9 9 9 9 9 9 9 9 9 9 9	88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
PBA Protector - • • • • • • • • • • • • • • • • • •	General Feature	Air Purification Convenience Operating Mode	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Ocception (Eleaning) Smart Home Filter (Eleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sieep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	9. 3-Care Filter (HD 60) 9		88 Segment 88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Low Ambient Cooling10~46 -10~46 -10~46 -10~46	General Feature	Air Purification Convenience Operating Mode	Neo Triple Filter (Easy Filter Plus) Easy Filter Allersy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Olean (Self-Cleaning) Smart Home Filter (Easning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sieep Single User Mode (Inv) Dehumidification Auto Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Type Anti-Corrosion Fin Compressor Protector	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	9. 3-Care Filter (HD 60) 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9	88 Segment 8 Segment 24-Hour 0 0 1 1 1 1 1 1 1 1 1 1 1	8 Segment 8 Segment 9 10 10 10 10 10 10 10 10 10	**
	General Feature	Air Purification Convenience Operating Mode	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Clean (Self-Cleaning) Smart Home Filter (Easing Indicator Indoor Temp. Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeous Auto Changeous Auto Changeous Fast Cool Comfort Cool Comfort Cool Comfort Cool Comfort Cool Comfort Mode Auto Made Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Type Anti-Corrosion Fin Compressor Protector	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	9. 3-Care Filter (HD 60) 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9	88 Segment 8 Segment 24-Hour 0 0 1 1 1 1 1 1 1 1 1 1 1	88 Segment 88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	General Feature	Air Purification Convenience Operating Mode Outdoor Unit and PBA	Neo Triple Filter (Easy Filter Plus) Easy Filter 3-Care Filter Allergy Care Anti-Bacteria Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Anti-Virus Coating Filter Cleaning Indicator Indoor Temp. Display Display On / Off Display of Energy Consumption (usage) Beep On / Off 24-Hour Timer / Real Timer Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sieep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Protector PBA Protector Multi-Channel Condensor	• 3-Care Filter (HD 60) • • • • • • • • • • • • • • • • • • •	9. 3-Care Filter (HD 60) 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9		88 Segment 88 Segment 24-Hour 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	** ** 3-Care Filter (HD 60) ** ** ** ** ** ** ** ** **

SPECIFICATIONS AR07KSWSAWKN/EU, AR09/12KSWSBWKN/ET, AR18/24KSWSAWKN/EU

Range					AR5500		
Model Code			AR07KSWSAWKNEU	AR09KSWSBWKNET	AR12KSWSBWKNET	AR18KSWSAWKNEU	AR24KSWSAWKNEU
		Cooling	6,824	8,530	11,942	17,060	23,200
		Heating	7,506	10,920	12,970	20,470	26,610
	Capacity (Btu/hr)	Cooling (Min - Max)		4,436 ~ 11,260	4,440 ~ 13,650	5,459 ~ 20,472	6,140~27,300
		Heating (Min - Max)	-	3,750~14,160	3,750~15,870	4,094~27,978	4,440~27,980
		Cooling	2.00	2.50	3.50	5.00	6.80
	Capacity (kW)	Heating Cooling (Min - Max)	2.20	3.20 1.30~3.30	3.80 1.30~4.0	6.00 1.60~6.00	7.80 1.8~8.0
		Heating (Min - Max)	· · · · · · · · · · · · · · · · · · ·	1.10~4.15	1.1~4.65	1.20~8.20	1.3~8.2
		Cooling	1,720.0	2,150.0	3,010.0	4,300.0	5,848.0
	Ci+-(V1/h-)	Heating	1,892.0	2,752.0	3,268.0	5,160.0	6,708.0
	Capacity (Kcal/hr)	Cooling (Min - Max)		1,118~2,838	1,118~3,440	1,376~5,160	1,548~6,880
		Heating (Min - Max)	-	946~3,569	946~3,999	1,032~6,880	1,118~7,052
Performance		EER (Cooling, Btu/W)	-	12.7	11.3	11.8	10.3
	EER/COP	EER (Cooling, W/W) COP (Heating, W/W)	-	3.73 3.72	3.30 3.73	3.50 3.61	3.01
		SEER (Cooling, W/W)	-	6.1	6.1	6.7	6.1
		Grade (for cooling)	-	A++	A++	A++	A++
	SEER/SCOP	kWh/annum (for cooling)	-	143.0	201.0	261.0	390.0
	SEERV SCOP	SCOP (Heating, W/W)		4.0	4.0	3.8	3.8
		Grade (for 'average' heating)	•	A+	A+	A	A
	Moisture Removal (I/I	kWh/annum (for heating)	-	823.0 0.9	823.0 1.2	1,437.0	1,658.0
		Indoor High	56	54	56	58	62
	Noise Level Power	Outdoor High	-	59	62	65	67
	Naine Law 18	Indoor High / Low	33 / 19	37 / 19	38/19	41 / 25	43 / 26
	Noise Level Pressure	Outdoor High	-	45	46	51	52
		Operating Current (Cooling)	0.3	3.6	5.0	6.8	10.0
er i i i e	Energy Efficiency	Operating Current (Heating)	0.3	4.4	5.0	7.8	11.0
Electrical Data		Power Consumption (Cooling) Power Consumption (Heating)	30	670 860	1,060 1,020	1,450 1,660	2,250 2,500
	Power Source	V/Hz/Φ	30 1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1,020 1phase, 220-240V~, 50Hz	1,660 1phase, 220-240V~, 50Hz	2,500 1phase, 220-240V~, 50Hz
	. Ower source	Net Dimension (WxHxD, Indoor)	826*261*261	826*261*261	826*261*261	1065*301*294	1065*301*294
	Dimension	Net Dimension (WxHxD, Outdoor)	-	720*548*265	720*548*265	880*638*310	880*793*310
	Dimension	Gross Dimension (WxHxD, Indoor)	886*317*335	886*317*335	886*317*335	1123*354*384	1123*354*384
Physical Specification		Gross Dimension (WxHxD, Outdoor)	-	844*622*353	844*622*353	1023*911*413	1023*911*413
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Net Weight (Indoor)	9.5	9.5	9.5	13.0	13.5
	Weight	Net Weight (Outdoor)	11.3	28.5	28.5 11.3	43.5 16.0	52.5 16.5
		Gross Weight (Indoor) Gross Weight (Outdoor)	11.3	32.0	32.0	46.5	56.5
	W/O Pipe	Set (20 / 40ft / 40ft HC)		96/203/233	96/203/233	58/124/143	51/104/123
Loading Q'ty	W/O Pipe	IDU (20 / 40ft / 40ft HC)	294/616/704	294/616/704	294/616/704	180/372/434	180/372/434
	W/O Pipe	ODU (20 / 40ft / 40ft HC)		123/261/348	123/261/348	90/186/186	60/124/124
	Piping Length	Piping Length (standard)	5.0	5.0	5.0	5.0	5.0
		Piping Length (Max)	-	15.0	15.0	30.0	30.0
	Piping Height	Piping Height (Max)		8.0	8.0	15.0	15.0
Technical Information	1	Туре	-	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhou gas, GWP>150)
	Refrigerant	Charging		950	950	1,150	1,450
		Additional if Chargeless (after 5m)	-	15	15	15	15
	SVC Valve	Gas (ODxL)	6.35*5	6.35*5	6.35*5	6.35*5	6.35*5
		Liquid (ODxL)	9.52*5	9.52*5	9.52*5	12.7*5	15.88*5
		Triangle Technology Long Air Flow (14m)	•	•	•	•	•
	Air Flow	Air Direction Control (Up / Down)	Auto	Auto	Auto	Auto	Auto
		Air Direction Control (Left / Right)	Manual	Manual	Manual	Manual	Manual
		Air Flow Control Step (Cool / Fan)	5/4	5/4	5/4	5/4	5/4
		Virus Doctor	-	-	-	-	-
		Virus Doctor Lamp	•	-	-	-	-
		Neo Triple Filter (Easy Filter Plus)	•	•	•	•	•
	Air Purification	Easy Filter 3-Care Filter	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
	. ar r driffeddoll	Allergy Care	• • • • • • • • • • • • • • • • • • •	3-Care Filter (FID 60)	9 COLC LINCT (UD 00)	9 COVE LINES (LID 00)	• •
		Anti-Bacteria Coating		•	•	•	•
		Anti-Virus Coating	•	•	0	0	•
		Auto-Clean (Self-Cleaning)	•	•	•	•	•
		Smart Home	•	•	•	•	•
		Filter Cleaning Indicator	• 00 C+	00 00 000	00 0	00 0	00.00
		Indoor Temp. Display Display On / Off	88 Segment	88 Segment	88 Segment	88 Segment	88 Segment
	Convenience	Display of Finergy Consumption (usage)	•	•	•	•	•
	Convenience	Beep On / Off	•	•	•	•	•
General Feature		24-Hour Timer / Real Timer	24-Hour	24-Hour	24-Hour	24-Hour	24-Hour
		Auto Changeover		•	•	•	•
		Auto Restart	-	•	•	•	•
		2-Step Cooling	•	•	•	•	•
		Fast Cool Comfort Cool	•	•	•	•	•
		Good Sleep	•	•		•	•
		Single User Mode (Inv)	-	•	•	•	•
	Operating Mode	Dehumidification	•	•	•	•	•
	-	Auto Mode	•	•	•	•	•
		Fan Mode	0	•	•	•	•
		Quiet Mode	•	•	•	•	•
		Auto Restart	•	•	•	•	•
		Smart Install	-	DI DO DOTADY	DI DO DOTADY	DI DO DOTA DV	PLDC DOTABY
		Compressor Type	-	BLDC ROTARY	BLDC ROTARY	BLDC ROTARY	BLDC ROTARY
	Outdoor Unit	Anti-Corrosion Fin Compressor Protector		•	•	•	•
	and PBA	PBA Protector	· · · · · · · · · · · · · · · · · · ·	•		•	•
		Multi-Channel Condensor	-	-	-		•
	Low Ambient	Cooling	-	-10~46	-10~46	-10~46	-10~46

SPECIFICATIONS AR07KSWNAWKN/EU, AR09/12/KSWNAWKN/ET, AR18/24KSWNAWKN/EU

Range					AR5600		
Model Code			AR07KSWNAWKNEU	AR09KSWNAWKNET	AR12KSWNAWKNET	AR18KSWNAWKNEU	AR24KSWNAWKNEU
		Cooling	6,824	8,530	11,942	17,060	23,200
	Capacity (Btu/hr)	Heating	7,506	10,918	12,966	20,470	26,610
	Capacity (bta/111/	Cooling (Min - Max)	-	4,436~11,260	4,436~13,648	5,459~20,472	6,140~27,300
		Heating (Min - Max)	-	3,241~16,036	3,241~17,401	4,094~27,978	4,440~27,980
		Cooling Heating	2.00	2.50 3.20	3.50	5.00	6.80 7.80
	Capacity (kW)	Cooling (Min - Max)	-	1.30~3.30	1.30~4.0	1.60~6.00	1.8~8.0
		Heating (Min - Max)	-	0.95~4.70	0.95~5.1	1.20~8.20	1.3~8.2
		Cooling	1,720.0	2,150.0	3,010.0	4,300.0	5,848.0
	Capacity (Kcal/hr)	Heating	1,892.0	2,752.0	3,268.0	5,160.0	6,708.0
	.,,	Cooling (Min - Max)	•	1,118~2,838	1,118~3,440	1,376~5,160	1,548~6,880
		Heating (Min - Max) EER (Cooling, Btu/W)	-	817~4,042 12.7	817~4,386 11.3	1,032 ~ 6,880 11.8	1,118~7,052 10.3
Performance	FFD / 600	EER (Cooling, W/W)		3.73	3.30	3.50	3.01
	EER / COP	COP (Heating, W/W)		3.72	3.73	3.61	3.12
		SEER (Cooling, W/W)		6.1	6.1	6.7	6.1
		Grade (for cooling)	-	A++	A++	A++	A++
	SEER/SCOP	kWh/annum (for cooling) SCOP (Heating, W/W)	-	143.0	143.0	261.0 3.8	390.0 3.8
		Grade (for 'average' heating)		4.0 A+	4.0 A+	A A	A A
		kWh/annum (for heating)		840.0	840.0	1,437.0	1,658.0
	Moisture Removal (I/I			0.9	1.2	1.8	2.4
	Noise Level Power	Indoor High	56	54	56	58	62
	THOISE ECVETT OWET	Outdoor High	-	59	62	65	67
	Noise Level Pressure	Indoor High / Low	33 / 19	37 / 19	38/19	41 / 25	43 / 26
		Outdoor High Operating Current (Cooling)	0.3	45 3.6	46 5.0	51 6.8	52 10.0
		Operating Current (Heating)	0.3	4.4	5.0	7.8	11.0
Electrical Data	Energy Efficiency	Power Consumption (Cooling)	30	670	1,060	1,450	2,250
		Power Consumption (Heating)	30	860	1,020	1,660	2,500
	Power Source	V/Hz/Φ	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz
		Net Dimension (WxHxD, Indoor)	826*261*261	826*261*261	826*261*261	1065*301*294	1065*301*294
	Dimension	Net Dimension (WxHxD, Outdoor) Gross Dimension (WxHxD, Indoor)	886*317*335	720*548*265 886*317*335	720*548*265 886*317*335	880*638*310 1123*354*384	880*793*310 1123*354*384
		Gross Dimension (WxHxD, Outdoor)	-	844*622*353	844*622*353	1023*911*413	1023*911*413
Physical Specification		Net Weight (Indoor)	9.5	9.5	9.5	13.0	13.5
		Net Weight (Outdoor)		28.5	28.5	43.5	52.5
Weight	Weight	Gross Weight (Indoor)	11.3	11.3	11.3	16.0	16.5
		Gross Weight (Outdoor)	-	32.0	32.0	46.5	56.5
Loading O'ty	W/O Pipe	Set (20 / 40ft / 40ft HC)	204/616/704	96/203/233	96/203/233	58/124/143	51/104/123
Loading Q ty	W/O Pipe W/O Pipe	IDU (20 / 40ft / 40ft HC) ODU (20 / 40ft / 40ft HC)	294/616/704	294/616/704 123/261/348	294/616/704 123/261/348	180/372/434 90/186/186	180/372/434 60/124/124
		Piping Length (standard)	5.0	5.0	5.0	5.0	5.0
	Piping Length	Piping Length (Max)	-	15.0	15.0	30.0	30.0
	Piping Height	Piping Height (Max)		8.0	8.0	15.0	15.0
Tarketark lafe and the	Refrigerant	Туре	-	R410A (Fluorinated greenhouse gas, GWP>150)			
recnnical information		Charging	-	950	950	1,150	1,450
		Additional if Chargeless (after 5m)		15	15	15	15
	SVC Valve	Gas (ODxL)	6.35*5	6.35*5	6.35*5	6.35*5	6.35*5
	STC TOILE	Liquid (ODxL)	9.52*5	9.52*5	9.52*5	12.7*5	15.88*5
		Triangle Technology	•	•	•	•	•
	Air Flow	Long Air Flow (14m) Air Direction Control (Up / Down)	Auto	Auto	Auto	Auto	Auto
	All HOW	Air Direction Control (Left / Right)	Manual	Manual	Manual	Manual	Manual
		Air Flow Control Step (Cool / Fan)	5/4	5/4	5/4	5/4	5/4
		Virus Doctor		-	-	-	-
		Virus Doctor Lamp	-	-	-	-	-
		Neo Triple Filter (Easy Filter Plus)	•	•	•	•	•
	Air Purification	Easy Filter 3-Care Filter	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
	a modion	Allergy Care	9 - Cale Filter (FID 60)	3-Cale Filter (FID 00)	3*Cale Filter (FID 00)	9-Cale Filter (FID 00)	9 - Cale Filter (FID 00)
		Anti-Bacteria Coating	•	•	•	•	•
		Anti-Virus Coating	0	•	•	•	•
		Auto-Clean (Self-Cleaning)	•	•	•	•	•
		Smart Home Filter Cleaning Indicator	•	•	•	•	•
		Indoor Temp. Display	88 Segment	88 Segment	88 Segment	88 Segment	88 Segment
		Display On / Off	•	•	•	•	•
	Convenience	Display of Energy Consumption (usage)	•	•	•	•	•
		Beep On / Off	0	•	•	•	•
General Feature		24-Hour Timer / Real Timer	24-Hour	24-Hour	24-Hour	24-Hour	24-Hour
		Auto Changeover	-	•	•	•	•
		Auto Restart 2-Step Cooling	•			•	•
		Fast Cool	•	•	•	•	•
		Comfort Cool	•	•	•	•	•
		Good Sleep	0	•	•	•	•
		Single User Mode (Inv)	-	•	•	•	•
	Operating Mode	Dehumidification	•	•	•	•	•
		Auto Mode Fan Mode	•	•	•	•	•
		Quiet Mode	•		•	•	•
		Auto Restart	0	•	•	•	•
		Smart Install		•	•	•	•
		Jillait Illatali					
		Compressor Type	-	BLDC ROTARY	BLDC ROTARY	BLDC ROTARY	BLDC ROTARY
	Outdoor Unit	Compressor Type Anti-Corrosion Fin	-	•	•	•	•
	Outdoor Unit and PBA	Compressor Type Anti-Corrosion Fin Compressor Protector		•	•	•	•
	Outdoor Unit and PBA	Compressor Type Anti-Corrosion Fin Compressor Protector PBA Protector		•	•	•	0
	Outdoor Unit and PBA Low Ambient	Compressor Type Anti-Corrosion Fin Compressor Protector		•	•	•	•

RAC Range Boracay (AR4700)

SPECIFICATIONS
AR07KSFHBWKN/EU, AR09/12KSFHBWKN/ET, AR18/24KSFHBWKN/EU

					AR4700		
Model Code			AR07KSFHBWKN/EU	AR09KSFHBWKN/ET	AR12KSFHBWKN/ET	AR18KSFHBWKN/EU	AR24KSFHBWKN/EL
		Cooling	6,824	8,530	11,940	17,060	23,200
		Heating	7,506	10,920	11,940	20,470	26,270
	Capacity (Btu/hr)	Cooling (Min - Max)	-	3,753~11,260	3,753~13,648	5,459~20,472	6,142~27,296
		Heating (Min - Max)		3,583~15,013	3,583 ~ 16,378	4,049~22,178	4,436~27,978
		Cooling	2.00	2.50	3.50	5.00	6.80
	Capacity (kW)	Heating	2.20	3.20	3.50	6.00	7.70
		Cooling (Min - Max)	•	1.10~3.30	1.10~4.00	1.60~6.00	1.8~8.0
		Heating (Min - Max) Cooling	1,720.0	1.05~4.40 2,150.0	1.05~4.80 3,010.0	1.20 ~ 6.50 4,300.0	1.3 ~ 8.2 5,848.0
		Heating	1,892.0	2,752.0	3,010.0	5,160.0	6,622.0
	Capacity (Kcal/hr)	Cooling (Min - Max)	-	946~2,838	946~3,440	1,376~5,160	1,548~6,880
		Heating (Min - Max)		903~3,784	903~4,128	1,032~5,590	1,118~7,052
erformance		EER (Cooling, Btu/W)	-	10.9	9.4	11.5	10.3
criomance	EER / COP	EER (Cooling, W/W)	-	3.21	2.76	3.36	3.01
		COP (Heating, W/W) SEER (Cooling, W/W)	•	3.52 6.1	3.50 6.1	3.45 6.7	3.01 6.1
		Grade (for cooling)	<u> </u>	A++	A++	0.7 A++	A++
		kWh/annum (for cooling)		143.0	201.0	261.0	390.0
	SEER/SCOP	SCOP (Heating, W/W)	-	3.8	3.8	3.8	3.8
		Grade (for 'average' heating)	-	A	A	A	A
		kWh/annum (for heating)		811.0	811.0	1,437.0	1,658.0
	Moisture Removal ()			0.9	1.2	1.8	2.4
	Noise Level Power	Indoor High	56	56	59	58	63
		Outdoor High	33 / 23	63	65 42 / 21	65 42 / 25	69 44 / 28
	Noise Level Pressure	Outdoor High / Low	33 / 23	38 / 21	42 / 21	42 / 25	44 / 28 52
		Operating Current (Cooling)	0.3	3.6	5.6	6.8	10.0
		Operating Current (Heating)	0.3	4.1	4.4	7.7	11.2
ectrical Data	Energy Efficiency	Power Consumption (Cooling)	30	780	1,270	1,490	2,260
		Power Consumption (Heating)	30	910	1,000	1740,	2,560
	Power Source	V/Hz/Φ	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50Hz	1phase, 220-240V~, 50F
		Net Dimension (WxHxD, Indoor)	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243
	Dimension	Net Dimension (WxHxD, Outdoor)	-	660*475*242	660*475*242	880*638*310	880*793*310
		Gross Dimension (WxHxD, Indoor)	892*263*355	892*263*355	892*263*355	1128*299*378	1128*299*378
hysical Specification	n ————	Gross Dimension (WxHxD, Outdoor)	-	778*550*331	778*550*331	1023*730*413	1023*911*413
		Net Weight (Indoor) Net Weight (Outdoor)	8.2	8.2 22.5	8.2 22.5	11.5 52.5	11.5 52.5
	Weight	Gross Weight (Indoor)	11.0	11.0	11.0	17.0	17.0
		Gross Weight (Outdoor)	-	22.7	22.7	56.5	56.5
	W/O Pipe	Set (20 / 40ft / 40ft HC)		120/248/282	120/248/282	52/108/124	52/108/124
oading Q'ty	W/O Pipe	IDU (20 / 40ft / 40ft HC)	304/640/720	304/640/720	304/640/720	210/434/496	210/434/496
	W/O Pipe	ODU (20 / 40ft / 40ft HC)		196/400/400	196/400/400	60/124/124	60/124/124
p	Piping Length	Piping Length (standard)		5.0	5.0	5.0	5.0
		Piping Length (Max)	-	15.0	15.0	30.0	30.0
	Piping Height	Piping Height (Max)	-	8.0	8.0	15.0	15.0
achnical Information		Туре	-	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenho gas, GWP>150)
echnical Information	Refrigerant	Charging	-	880	880	1,150	1,150
		Additional if Chargeless (after 5m)	-	15	15	15	15
	SVC Valve	Gas (ODxL)	6.35*5	6.35*5	6.35*5	6.35*5	6.35*5
		Liquid (ODxL)	9.52*5	9.52*5	9.52*5	12.7*5	15.88*5
		Triangle Technology	•	-	-	-	-
	Air Flow	Long Air Flow (14m) Air Direction Control (Up / Down)	Auto	A	- A	Auto	Auto
	All Flow	Air Direction Control (Left / Right)	Manual	Auto Manual	Auto Manual	Manual	Manual
		Air Flow Control Step (Cool / Fan)	5/4	5/4	5/4	5/4	5/4
		Virus Doctor	-	-	-	-	-
		Virus Doctor Lamp	-	-	-	-	-
		Neo Triple Filter (Easy Filter Plus)		-	-	-	-
		Easy Filter	-	-	-	-	-
	Air Purification	3-Care Filter	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)	3-Care Filter (HD 60)
		Allergy Care	•	•	•	•	•
		Anti-Bacteria Coating	•	•	•	•	•
		Anti-Virus Coating Auto-Clean (Self-Cleaning)	•	•	•	•	•
		Smart Home	-		-		-
		Filter Cleaning Indicator	-	-	-	-	-
		Indoor Temp. Display	3 Led Lamp	3 Led Lamp	3 Led Lamp	3 Led Lamp	3 Led Lamp
		Display On / Off	-	-	-	-	-
	Convenience	Display of Energy Consumption (usage)	-	-	-	-	-
	Convenience	Beep On / Off	•	•	•	•	•
			24-Hour	24-Hour	24-Hour	24-Hour	24-Hour
eneral Feature		24-Hour Timer / Real Timer		•	•	•	•
eneral Feature		Auto Changeover		-	-	_	
eneral Feature		Auto Changeover Auto Restart	-	•		•	
eneral Feature		Auto Changeover Auto Restart 2-Step Cooling	•	•	•	•	•
eneral Feature		Auto Changeover Auto Restart 2-Step Cooling Fast Cool	-	•			
eneral Feature		Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool	•	0	•	•	0
eneral Feature		Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep	•	0	•	0	0
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool	•	0 0 0	0 0	0	•
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv)	•	0 0 0 0 0 0 0	0 0 0	0 0 0	•
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Debumidification		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Quiet Mode		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Rostart		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install		0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0
eneral Feature	Operating Mode	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type		ORDINATE STATES OF THE STATES	ORDINATE STATES OF THE STATES	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •
eneral Feature		Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin		• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	O O O D D D D D D D D D D D D D D D D D D D D D D D D
eneral Feature	Operating Mode Outdoor Unit and PBA	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin Compressor Protector		• • • • • • • • • • • • • • • • • • •	O O D BLDC ROTARY	BLDC ROTARY BLDC ROTARY	• • • • • • • • • • • • • • • • • • •
eneral Feature	Outdoor Unit	Auto Changeover Auto Restart 2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode (Inv) Dehumidification Auto Mode Fan Mode Quiet Mode Auto Restart Smart Install Compressor Type Anti-Corrosion Fin		• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	O O O D D D D D D D D D D D D D D D D D D D D D D D D

RAC Range Maldives (AR4500)

SPECIFICATIONS
AR07KSFPEWQN/EU, AR09/12KSFPEWQN/ET, AR18/24FSFPDGMN/EU

Range					AR4500		
Model Code			AR07KSFPEWQN/EU	AR09KSFPEWQN/ET	AR12KSFPEWQNET/	AR18FSFPDGMN/EU	AR24FSFPDGMN/EU
		Cooling	6,824	8,530	11,940	17,060	23,202
	Capacity (Btu/hr)	Heating	7,506	10,920	11,940	20,472	26,614
	Capacity (bta/111/	Cooling (Min - Max)	-	3,753~11,260	3,753~13,648	5,459~20,472	7,506~27,296
		Heating (Min - Max)	-	3,583~15,013	3,583~16,378	4,094~27,978	6,483~4,436
		Cooling Heating	2.00	2.50 3.20	3.50 3.50	5.00	6.80 7.80
	Capacity (kW)	Cooling (Min - Max)	- 2.20	1.10~3.30	1.10~4.00	1.6~6.0	2.2~8.0
		Heating (Min - Max)	-	1.05~4.40	1.05~4.80	1.2~8.2	1.9~11.3
		Cooling	1,720.0	2,150.0	3,010.0	4,300.0	5,848.0
	Capacity (Kcal/hr)	Heating	1,892.0	2,752.0	3,010.0	5,160.0	6,708.0
		Cooling (Min - Max) Heating (Min - Max)	-	946~2,838 903~3,784	946~3,440 903~4,128	1,376~5,160 1,032~7,052	1,892~6,880 1,634~1,118
		EER (Cooling, Btu/W)		10.9	9.4	11.8	11.26
Performance	EER / COP	EER (Cooling, W/W)	-	3.21	2.76	3.45	3.30
	EER7 COF	COP (Heating, W/W)		3.52	3.50	3.61	3.40
		SEER (Cooling, W/W)	-	5.6	5.6	6.7	6.1
		Grade (for cooling) kWh/annum (for cooling)	-	A+ 156.0	A+ 219.0	A++ 261.0	A++ 390.0
	SEER/SCOP	SCOP (Heating, W/W)		3.8	3.8	3.8	3.8
		Grade (for 'average' heating)	-	A A	A	A .	A
		kWh/annum (for heating)		811.0	811.0	1,658.0	2,063.0
	Moisture Removal (I/I		-	0.9	1.2	1.8	2.4
	Noise Level Power	Indoor High	56	56.0	59.0	57	62
		Outdoor High	33 / 23	63.0	65.0 42 / 21	65 41 / 25	67 43 / 26
	Noise Level Pressure	Indoor High / Low Outdoor High	33 / 23	46	42 / 21	51	43 / 26 52
		Operating Current (Cooling)		3.6	5.6	6.8	9.5
	Energy Efficiency	Operating Current (Heating)		4.1	4.4	7.9	10.5
Electrical Data	Energy Eniciency	Power Consumption (Cooling)		780.0	1,270.0	1,470	2,150
	D C	Power Consumption (Heating)	1-b 220 240\# 501:	910.0	1,000.0	1,740	2,350
	Power Source	V/Hz/Φ Net Dimension (WxHxD, Indoor)	1phase, 220-240V~, 50Hz 820*285*215	1phase, 220-240V~, 50Hz 820*285*215	1phase, 220-240V~, 50Hz 820*285*215	1phase, 220-240V~, 50Hz 1065*298*230	1phase, 220-240V~, 50Hz 1065*298*230
		Net Dimension (WxHxD, Outdoor)		660*475*242	660*475*242	880*638*310	880*798*310
	Dimension	Gross Dimension (WxHxD, Indoor)	880*260*360	880*260*360	880*260*360	1123*354*384	1123*354*384
Physical Specification		Gross Dimension (WxHxD, Outdoor)		778*550*331	778*550*331	1023*730*413	1023*911*413
Friysical Specification		Net Weight (Indoor)	8.2	8.2	8.2	13.0	14.0
	Weight	Net Weight (Outdoor)	-	22.5	22.5	43.5	52.5
		Gross Weight (Indoor) Gross Weight (Outdoor)	9.8	9.8 22.7	9.8 22.7	16.0 46.5	17.0 56.5
	W/O Pipe	Set (20 / 40ft / 40ft HC)		120/248/282	120/248/282	66/138/153	52/108/124
Loading Q'ty	W/O Pipe	IDU (20 / 40ft / 40ft HC)	304/640/800	304/640/800	304/640/800	210/434/496	210/434/496
	W/O Pipe	ODU (20 / 40ft / 40ft HC)		196/400/400	196/400/400	90/186/186	60/124/124
	Piping Length	Piping Length (standard)	-	5.0	5.0	5.0	5.0
		Piping Length (Max)	-	15.0 8.0	15.0 8.0	30.0 15.0	30.0 15.0
	Piping Height	Piping Height (Max)		R410A (Fluorinated greenhouse		R410A (Fluorinated greenhouse	
Technical Information	Pofrigorant	Туре	-	gas, GWP>150)	gas, GWP>150)	gas, GWP>150)	gas, GWP>150)
	Kenigerani	Charging	-	880.0	880.0	1,150.0	1,500.0
		Additional if Chargeless (after 5m) Gas (ODxL)	6.35*5	15.0 6.35*5	15.0 6.35*5	15.0 6.35*5	15.0 6.35*5
	SVC Valve	Liquid (ODxL)	9.52*5	9.52*5	9.52*5	12.7*5	15.88*5
		Triangle Technology			-	-	-
		Long Air Flow (14m)	-	-	-	-	-
	Air Flow	Air Direction Control (Up / Down)	Auto	Auto	Auto	Auto	Auto
		Air Direction Control (Left / Right) Air Flow Control Step (Cool / Fan)	Manual 5/4	Manual 5/4	Manual 5/4	Manual 5/4	Manual 5/4
		Virus Doctor	- 3/4	- 3/4	- 3/4	- 3/4	- 3/4
		Virus Doctor Lamp	-	-	-	-	-
		Neo Triple Filter (Easy Filter Plus)	-	-	-	-	-
		Easy Filter	-	-	-	-	-
	Air Purification	3-Care Filter	3-Care Filter (HD 60)	3-Care Filter (HD 60)			
		Allergy Care Anti-Bacteria Coating	•	•	•	•	•
		Anti-Virus Coating	0	•	•	•	•
		Auto-Clean (Self-Cleaning)	•	•	•	•	•
		Smart Home	-	-	-	-	-
		Filter Cleaning Indicator Indoor Temp. Display	3 Led Lamp	3 Led Lamp	3 Led Lamp	3 Led Lamp	21 ad 1 ar
		Display On / Off	a rea raulb	3 Led Earlip	a rea ramb	a rea ramb	3 Led Lamp
	Convenience	Display of Energy Consumption (usage)	-	<u> </u>	-	-	-
		Beep On / Off	•	•	•	•	•
General Feature		24-Hour Timer / Real Timer	24-Hour	24-Hour	24-Hour	24-Hour	24-Hour
		Auto Changeover	-	•	•	•	•
		Auto Restart 2-Step Cooling	•	•	•	•	•
		Fast Cool	•	•	•		•
		Comfort Cool	•	•	•	•	•
		Good Sleep	•	•	•	•	•
		Single User Mode (Inv)	-	•	•	•	•
	Operating Mode	Dehumidification Auto Modo	•	•	•	•	•
		Auto Mode Fan Mode	•	•	•		•
		Quiet Mode	•	•	•	•	•
		Auto Restart	•	•	•	•	•
		Smart Install		-		-	-
		Compressor Type	-	BLDC ROTARY	BLDC ROTARY	Twin BLDC	Twin BLDC
	Outdoor Unit	Anti-Corrosion Fin	-	•	•	•	•
	and PBA	Compressor Protector PBA Protector	-	•	•	•	•
		Multi-Channel Condensor	-	-	-	•	•
	Low Ambient	Cooling Heating		-5~46 -10~24	-5 ~ 46 -10 ~ 24	-10~46 -15~24	-10~46 -15~24

Indoor Units



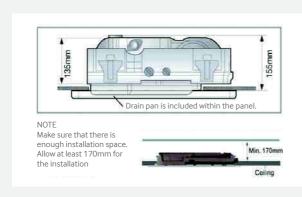
1-Way Cassette

Standard



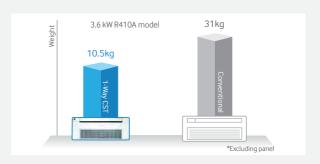
Ease Installation and Maintenance with a Slim and Compact Design

At a height of only 135mm, the Slim 1-Way Cassette is the world's thinnest indoor air cooling unit. The compact, lightweight design makes installation and maintenance in your space easier than ever. These high-performing units are so discreet that they can easily blend into interiors of all types and styles.



Lighter Indoor Unit

Samsung is the first to apply ABS cabinets into its indoor units to provide the lightest units on the market.



Drip-Free Operation

The check valve on the drain pump prevents drained water from flowing backward into the drain pan. This minimises the drain pan's water level, eliminating the hassles of water stagnation or overflowing drain water dripping into the interior.



Panel Area has been Reduced by 30%.



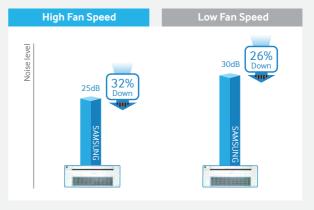
Air Reaches Every Corner of the Room.

Blade angle can move from $40^{\circ}\text{C} - 80^{\circ}\text{C}$ to reach every corner of the room.



Quiet Operation

Samsung's new blade design drastically reduces noise levels so that users can relax in peace and quiet.

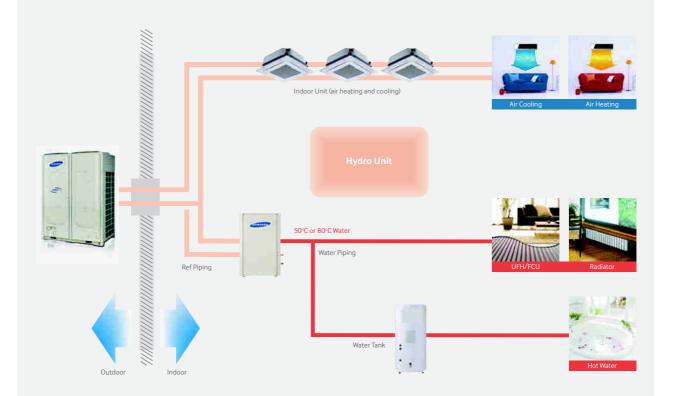


Hydro Unit



Integrated Heating and Cooling System

Samsung all-in-one system makes air heating and water heating possible with using only a single system. It means you don't need to install boiler and air conditioner separately, and you can ultimately save space, energy and money with all-in-one system.



Simple Control Scheme

Already equipped with all related input and output terminals (No need to connect with BACnet / Lonwork Interface-kit)



2-Way Cassette



Small Size, Big Performance

The 2-Way Cassette indoor unit is now 45% smaller than conventional models, making it even easier to incorporate into building design.

2-Way Cassette



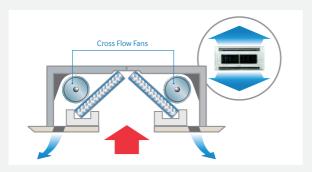
Standard Formula for Easy Installation

The dimensions of the 2-Way Cassette air conditioner allow for easy installation into standard ceiling grids (600Wx600D) in such a way that everything just falls into place.



Twin Cross Flow Fan

2-Way Cassette type unit is a perfect fit for long and narrow rectangular spaces. The Twin Cross Flow Fan inside 2-Way Cassette will spread cool or warm air even further and wider with less noise.



Self-Diagnosis Mode

In case of unit malfunction, the indoor unit operates the Self-Diagnosis Mode to display an error code with LED light, thus enabling you to easily resolve the problem.

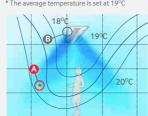


Optimum Temperature Control

The Optimum Temperature Control function detects and minimises the temperature difference between the top and bottom of the space to maintain an optimum temperature. You can set the temperature detection option with indoor unit or optional remote controller (MWR-WE00).

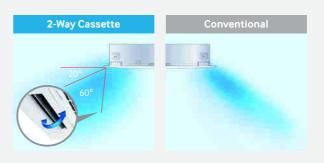
- (A): Temperature set by remote controller
 (B): Temperature set by indoor unit
 Average of (A+B): The average temperature





Auto Surround Swing

The 2-way outlet blades swing right and left to evenly distribute cool and warm air to every nook and cranny of your space, keeping your environment pleasant and comfortable.



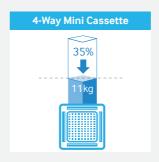
Mini 4-Way Cassette

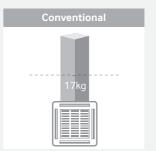


Compact and Light Unit

The 4-Way Cassette S (interior) can be easily installed on one standard ceiling tile (600Wx600D) with its lightest weight about 35% lighter than the competitor's.

*Based on 3.9kW.





Virus Doctor (optional)

Healthy Air Provider

The Virus Doctor device eliminates airborne contaminants and creates even healthier air for your environments. This optional device can be easily installed by simply inserting the Virus Doctor kit into the indoor unit.

Virus Doctor device generates active hydrogen and oxygen ions which eliminate biological contaminants and active oxygen (OH-radical) in the air by turning them into harmless H₂O.

- Elimination of airborne virus and bacteria (subtype H1N1)
- Complete eradiction of bacteria
- Relief of allergies by eradicating airborne allergens
- Neutralisation of OH-radical (also known as active oxygen)



Virus and Active Hydrogen turn into harmless H₂0 Active Hydrogen(H) VIRUS Oxygen(02-) Oxygen(02-)

Individual Blade Control

By using the remote controller, the opening angles of the four blades can be individually set at the same or different angles within a 32° 65° range for more efficient cooling.



Comfort Airflow Control (only when connected to DVM outdoor unit)

An air conditioner needs to provide a comfortable environment to its users. To better serve this purpose, the Samsung 4-Way Cassette provides a Comfort Airflow Control function that prevents cold draughts. When the room temperature reaches 23°C during cooling mode, the indoor unit reduces the amount of discharging air. By doing so, people in the room do not need to suffer from direct contact with cold air. Keep cool comfortably without shivering:

- Minimum fan speed
- Dehumidification

*Only for 4-Way Mini Cassette 600x600 connected with DVM products

Mini 4-Way Cassette



MDS: Motion Detect Sensor (optional)

The world's first MDS for 4-Way Cassette S creates the ideal environment, saving energy by providing just the right amount of airflow when needed.

Energy-Saving On/Off Function

MDS detects when the user is absent from the area, automatically stopping the air conditioning operation. It also automatically sets operation patterns to maximise energy efficiency.





Pleasant and Comfortable Air

MDS enables the indoor unit to avoid directly providing airflow to people and reduces the difference of thermal sensation in the body by detecting the temperature around the floor.





No Overflowing Drain Water

The check valve on the drain pump prevents drained water from flowing backward into the drain pan. This minimises the drain pan's water level so that you will never have to worry about water stagnation or overflowing drain water that could drip into your interior.











2016 Samsung Category Catalogue

4-Way Cassette S



Fan Speed Adjustment for High Ceiling

The optimum fan speed for high ceiling can be achieved just by using the remote controller without adjusting the DIP switch on the indoor unit's PCB. The Fan Speed Adjustment function provides evenly cool and warm air throughout space with high ceiling of up to 3.5m.



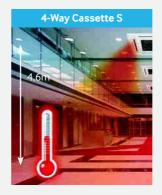




*Based on 10kW

High Ceiling Mode

The High Ceiling Mode allows indoor units to provide even more powerful airflow throughout your space. This mode enlarges the coverage area of the airflow up to a height of 4.6m.





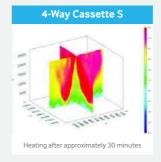
Easy Blade Cleaning

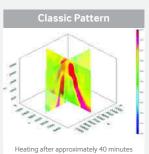
4-Way Cassette S indoor units have detachable air flow blades so that you don't need to remove the entire panel to clean the blades.



Quick Cooling and Heating

Samsung 4-Way Cassette S indoor unit achieves the desired set temperature much faster than our competitor's products.







4-Way Cassette S

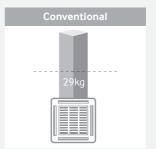


Light yet Robust Design

Samsung 4-Way Cassette S indoor unit is now lighter in weight at 17kg. It is the lightest indoor unit in the industry, about 35% lighter than our competitor's products.

*Based on 10kW





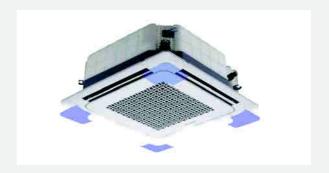
Individual Blade Control

By using the remote controller, the opening angles of the four blades can be individually set at the same or different angles within a 32° 65° range for more efficient cooling.



Easy Levelling

Each corner portion of the panel is detachable: this makes it easier for you to adjust the height, and makes installation and levelling much easier and quicker.



No Overflowing Drain Water

The check valve on the drain pump prevents drained water from flowing backward into the drain pan. This minimises the drain pan's water level so that you will never have to worry about water stagnation or overflowing drain water that could drip into your interior.











Slim Duct



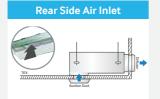


Temper any Environment with Industry-Best Lightweight Design and Optimised Airflow

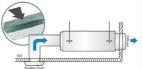
The new Samsung Slim Duct visually blends into the ceiling while providing powerful cool and warm airflow. It's also easy to install and maintain in any interior regardless of the surrounding environment with its compact size and weight—the lightest in the industry.

Flexible Setup

The air inlet can be set up either on the bottom or rear of the unit, giving users greater flexibility in installation.



Bottom Side Air Inlet



Simple Drain Pump Installation

The new drain pump in the Slim Duct unit can be installed from the side by simply removing the right side panel. Users no longer need to disassemble the top cover to install, check or repair the drain pump for maximum convenience.



Various Installation Options

Slim Duct S adopts an ultra-compact, slim size with its thin width, which is 200 mm narrower than conventional products. This slender build enables flexible installation and maintenance in various environments.

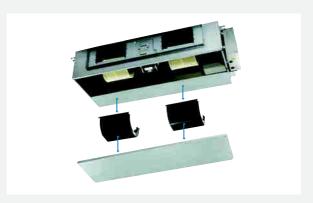
World's Lightest

The efficient Slim Duct S is the lightest duct air conditioning unit on the market. At a weight that's 15% lighter than conventional units, Slim Duct S offers the best in convenient installation and maintenance.



Easy Access, Easy Maintenance

Slim Duct features a flexible design that enables users to easily access its parts to maintain the unit.



Duct S



Slim Fit

Compact Slim Fit design reduces its volume and weight compared to conventional air conditioners. It's 10% smaller, so it fits into small spaces. Although the size is smaller, the efficiency is increased.



Split Fan and Coil

Products that are difficult to install are not easy to use, either. Considering the customer's complete experience of the product, Samsung separated the Duct S (AC6000J) into two parts for better management of the product. The Duct S (AC6000J) can be divided into the coil part and the fan part, so when customers feel the product difficult to handle due to space or weight limits, they can install the parts separately and then put them back into one.





FME/FMC (Flat Micro-channel Evaporator/Condenser)

Samsung's FME/FMC(Flat Micro-channel Evaporator/Condenser) technology achieves a 30% increase in efficiency compared with the conventional fin and tube type. It has also enabled 30% decrease of unit size.

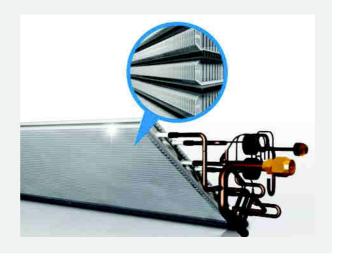
Anti-Corrosion Coating

Corrosion resistance has been improved compared to current model.

Enhanced Performance

30% enhanced heat exchange ratio.

	Heat Exchange Ratio
Fin and Tube	100%
FMC	130%



Duct S



Powerful Cooling

New Sirocco Fan

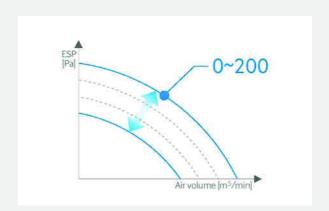
Ensures enough air-volume by adopting bigger and better fan compared to a conventional one.





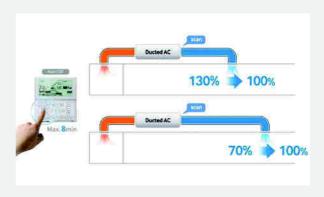
Wide Range of ESP

We can offer our customers a comprehensive range of products with the right capacity, the right ESP and the right-size.

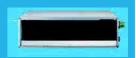


Automatic Air Volume

Senses the current air volume and pressure then quickly adjusts its performance to ensure optimum comfort, whatever the length of duct.

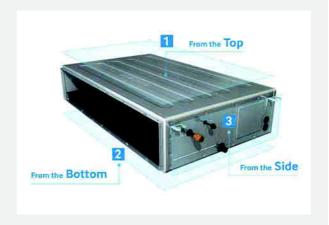


Duct S



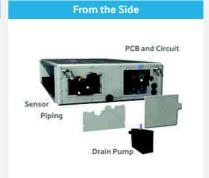
Access from Three Directions

You can also access it from three directions (top, side or bottom), and its Slide Fit makes it easier to maintain.

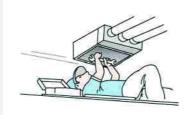


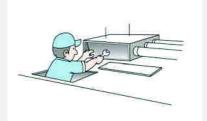
Cover Plate Housing Cover Plate Fan Motor











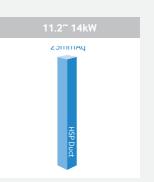
HSP Duct



High External Static Pressure

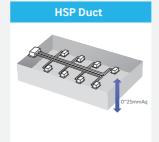
To properly deal with unexpected various installation conditions, HSP Duct is designed to manage high external static pressures up to 25mmAq.





Strong and Large Coverage Area

HSP duct features greater static pressure than most of slim ducts. This enables you to design more inlets and outlets with longer duct work to provide even more cool or warm air to larger areas.





Silent Operation with the Static Pressure Control

The external Static Pressure Control makes it easy to design the duct work to ensure efficiency and silent operation.



Easy to Maintain

Time and maintenance costs are reduced since parts are easily accessible.

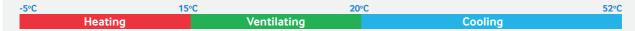


Outdoor Air Processing Duct (OAP)



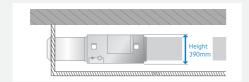
Wide Operation Range

Outdoor air processing duct can supply fresh air to the inside area through cooling or heating processing from a wide range of outside temperatures from -5°C ~ 52°C.



Flexible Installation

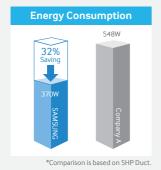
This light and compact unit, with its shorter height of 390mm, enables you to conveniently install and manage it in a variety of areas and installation options.



Volume Weight 0.38m³

Highly Efficient BLDC Motor

The BLDC motor enables Outdoor Air Processing Duct to perform at the highest efficiency possible, saving energy up to 32% for more economical and practical operation.

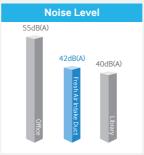


Flexible Static Pressure Control

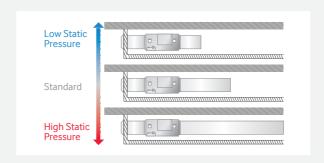
If the installation area of the duct exceeds the standard, then the static pressure control system maintains the optimised air volume, adjusting the fan speed.

Quiet Operation

Equipped with the highly efficient BLDC motor, Outdoor Air Processing Duct operates quietly with a sound level as low as 42 Decibels, slightly higher than that of a library, to provide your environment with optimum comfort.



*Comparison is based on 5HP Duct.



Concealed Floor Standing



Effective Cooling and Heating System

The Concealed Floor Standing unit offers wide versatility in solving your cooling and heating needs for a space. When this unit is mounted in a window, this blocks the air from getting through the gap in window and maintains desired indoor temperature.









Silent Operation [27dB(A)]

This silent yet powerful and efficient cooling and heating system makes your space more comfortable than ever before.



Ceiling



Slim Design

You won't find anything slimmer than this: the new Console type air conditioner is only 199mm thick, the slimmest on the market, and its unobtrusive design easily integrates into your decor.



Clean Panel

Stay clean with the intelligently designed Clean Panel. This unique panel keeps dust from accumulating, so the unit and your room stay cleaner.



Black Display

The touch screen display maxmises the convenience of control, and is an elegant example of functional art.



2-Way Air Outlets

There are two separate air outlets for cooling and heating. The warmer air comes out from the bottom part of the air outlet to spread the warm air evenly throughout the room. Stay cooler and warmer in every corner of your room.



Silent Operation [23dB(A)]

This silent yet powerful and efficient cooling and heating system makes your room more comfortable than ever before. Silent Mode is available in four different operating modes: choose from High/Medium/Low/Silence.



Ceiling



Choice of Installation Options

Depending on the available space and the purpose of the air conditioner, the indoor unit can be installed under the ceiling or on the floor.





Small Package, Big Performance

The Samsung Ceiling Type air conditioner boasts a slim, compact design—half the size of conventional products—with cooling power comparable to larger units.





7.1kW Model

Easy Air Tuning

The ability to quickly affect indoor environment is the only reason why we use air conditioners. Focusing on its purpose, Samsung indoor units enable users to instantly change their surrounding spaces. Whenever you feel discomfort, think what you need – Samsung.

Fast Cooling

When users need air conditioning, they really need it quickly. While the Ceiling (AC4000J) applies the latest flow-efficient blowers to increase the amount of air it discharges, its mounted single BLDC motor reduces noises and possibilities of abrupt changes of modes. With increased size of inlet area and dynamically designed inner passages, customers can experience incomparable cooling power.



Savings and Hygiene – Filter Alarm

The more we rely on filters, the more important it is to manage their status. Everyone knows this simple, but important rule. Applying ergonomics, the Ceiling (AC4000J) indicates its status in a way that customers generally can understand intuitively.



Ceiling

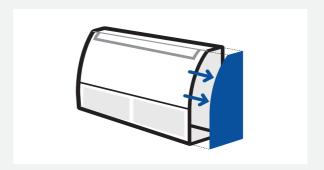


Flexible Installation

Whether it is easy to install or not is an important factor when customers make a purchase decision. However, it is more important when customers actually use the product. Installation flexibility determines fixed costs, while maintenance easiness decides variable costs. Samsung Ceiling helps you to save both initial and running costs.

Easy Installation and Maintenance

Due to difficulties in accessing their installed locations, easiness to maintain ceiling indoor units should be considered seriously. Relatively thin products make locating all service ports at one side difficult. However, for a better customer experience, Samsung is proud to provide the solution.



Increased Flexibility of Installation

By extending 50% of elevation allowance between indoor and outdoor units compared to conventional air conditioners, the Ceiling allows you to locate the outdoor unit where you could not normally place it.



High Wall



Triangle Design for Powerful Cooling

The Samsung Air Conditioner's unique triangular design radically improves its performance, circulating cool air faster and further around your home. Its Smart Inverter also provides significantly greater energy efficiency. And its Virus Doctor and Easy Filter eliminates dust, contaminants, allergens, bacteria and viruses – firstly using a filter and secondly with Virus Doctor.



Cools Faster, Further and Wider

The Samsung Air Conditioner has been designed from the ground up to be outstandingly efficient. Its uniquely triangular design has a wider intake, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan also ensure that air is cooled and expelled faster and further. So refreshingly cool air reaches every corner of your room without blind spots.



Easy to Take Out and Clean

Unlike conventional filters that are often difficult to access, the Samsung Air Conditioner's Easy Filter is located outside, on the top. So it can easily be taken out, cleaned and put back without having to open a cover or pull hard to get it out. And its antibacterial coating filters dust, dangerous airborne contaminants and allergens.





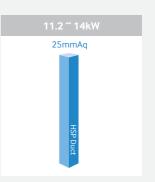
HSP Duct



High External Static Pressure

To properly deal with unexpected various installation conditions, HSP Duct is designed to manage high external static pressures up to 25mmAq.

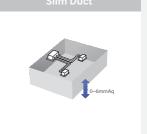




Strong and Large Coverage Area

HSP duct features greater static pressure than most of slim ducts. This enables you to design more inlets and outlets with longer duct work to provide even more cool or warm air to larger areas.





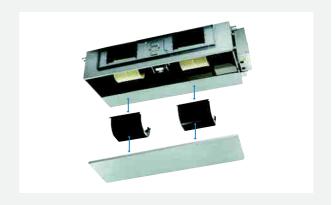
Silent Operation with the Static Pressure Control

The external Static Pressure Control makes it easy to design the duct work to ensure efficiency and silent operation.



Easy to Maintain

Time and maintenance costs are reduced since parts are easily accessible.



Free Joint Multi (FJM)



FJM

Introduction

Achieve multi-room temperature control with a flexible, easy-to-install and energy-efficient solution.

Experience Ultimate Comfort at Home or Work with Reliable, Efficient Performance

The Samsung Free Joint Multi (FJM) system air conditioner combines efficiency and reliability to deliver outstanding performance in a space-saving design. Supporting up to five indoor units, Samsung FJM is a perfectly optimised cooling system for residences and smaller buildings with limited installation space. Its lightweight, small-scale build and one-button auto-addressing enable easy, low-cost installation, while its uniquely quiet design ensures soothing comfort and maximum efficiency.

The Samsung FJM system air conditioner delivers optimal comfort, efficiency and performance with features such as:

- High performance. Rely on smooth, efficient operation with high-performance compressor technology.
- Easy installation. Ease installation and minimise effort with a small footprint and one-button auto-addressing.
- Low noise levels. Enjoy a more peaceful home or work environment with quiet operation, thanks to double-layered sound insulation.

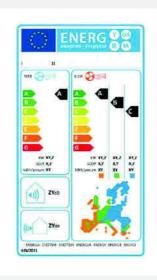


FJM

High performance

Maintain Optimal cComfort and Control with Energy and Cost-Efficient Technologies

Featuring a suite of energy-optimising technologies, Samsung FJM delivers top-class energy efficiency to support businesses in saving costs and the environment. Plus, CAC Single with its smart technologies fully complies with new European Union (EU) regulations for more efficient performance.

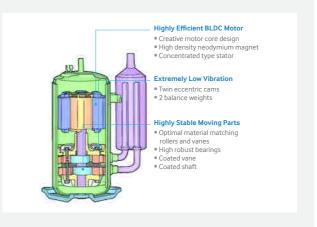


Drive Higher Performance with Unmatched Stability

A key contributor to Samsung FJM's efficiency is its advanced compressor technology. With its smart compressor design and premium moving parts, the FJM air conditioning system delivers balanced performance for high reliability and FJM fully complies with new EU regulations for more efficient performance.

Smooth Performance

Samsung Free Joint Multi adopts the innovative Twin Brushless Direct Current (BLDC) rotary compressor for more efficient performance. Its stable twin eccentric cams and two balance weights reduce torque variation by 70% compared to the conventional Single BLDC compressor, offering smoother, more consistent operation. High-quality moving parts such as robust bearings, as well as premium matching rollers and vanes, produce a high degree of stability and durability.





FJM

Easy installation and low noise level

Streamline Installation with a Compact Design and Automated Operation

The FJM's compact design means that it can be easily incorporated into a variety of professional and residential situations, with the flexibility to support up to five indoor units. In addition, the one-button auto-addressing feature simplifies installation, which results in minimal disruption to the day-to-day activities of busy companies.

Easy, One-Touch Setup

FJM's one-button auto-addressing solution makes installation easier than ever.



Enjoy Minimal Noise Levels for Maximum Comfort

With its superior insulation and low vibration, FJM offers a comforting environment undisturbed by bothersome noise levels typical of standard air conditioning systems. Residents can enjoy a more restful night and employees can increase focus levels with less disturbance.

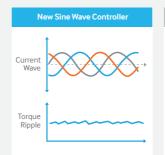
Insulated, Quiet Operation

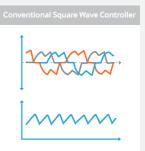
Double-layered sound insulation material fully covers the compressor to absorb and minimise the noise for quieter operation, making it more discreet despite its high-quality performance.



Sine Wave Controller

All Samsung FJM models have adopted a newly developed Sine Wave Controller. Smoother current waves result in a soft acoustic quality and overall noise reduction.





FJM Outdoor Units

Line-up



FJM Indoor Units

Line-up

Cassette

Model		4-Way S (600x600)	Slim 1-Way
	1.6	•	
	2.0	•	
Capacity	2.6	•	•
capacity	3.0	_	
	3.5	•	•
	5.2	•	
	Powerful Airflow	•	•
	Ceiling Dust Prevention	•	•
Features	High Lift-Up Drain Pump	•	•
	Sub Duct	•	
	Fresh Air Intake	•	

Duct

Model		MSP	Slim
	2.6		•
Capacity	3.5		•
	5.2	•	
	Pre-Filter	•	•
Features	Easy Filter Cleaning	•	•
reatules	High Lift-Up Drain Pump	•	•
	Smart Pressure Control	•	•

FJM Indoor Units

Line-up

Wall-Mounted

Model			AR9000	AR7000	AR5000	Boracay AR4700	Maldives AR4500
		2.0		•	•	•	•
		2.5	•	•	•	•	•
Capacity		3.5	•	•	•	•	•
		5.2		•	•	•	•
		6.8		•	•	•	•
	000	Virus Doctor	•	•			
Features		Full HD Filter	•	•	•		•
reatures		Good Sleep	•	•	•		•
		Wi-Fi	•	•	•		

Console



FJM High Wall (AR9570)

SPECIFICATIONS
AR09/12JSPFBWKN/EU



Model Code		AR09JSPFBWKN/EU	AR12JSPFBWKN/EU
	C (C . I' D . (L .)		
	Capacity (Cooling, Btu/hr)	8,530 Btu/hr	11,942 Btu/hr
	Capacity (Heating, Btu/hr)	10,918 Btu/hr	13,648 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3,310 - 11,260 Btu/hr	3,310 - 13,648 Btu/hr
Capacity	Capacity (Heating, Min - Max, Btu/hr)	3,310 - 18,425 Btu/hr	3,310 - 19,790 Btu/hr
	Capacity (Cooling, kW)	2.5 kW	3.5 kW
	Capacity (Heating, kW)	3.2 kW	4.0 kW
	Capacity (Cooling, Kcal/hr)	2,150 Kcal/hr	3,009 Kcal/hr
	Capacity (Heating, Kcal/hr)	2,752 Kcal/hr	3,439 Kcal/hr
	Annual electricity consumption (cooling, kWh/annum)	123 kWh/annum	183 kWh/annum
	Annual electricity consumption (heating, kWh/annum)	730 kWh/annum	883 kWh/annum
	EER (Cooling, W/W)	4.24 W/W	3.61 W/W
	COP (Heating, W/W)	4.10 W/W	3.81 W/W
Energy Efficiency	Energy Efficiency Class for cooling (W/W)	7.1	6.7
	Energy Efficiency Class for cooling (Grade)	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	4.6	4.6
	Energy Efficiency Class for heating in		
	'Average' heating season (Grade)	A++	A++
	Sound Pressure (Indoor, High/Low, dBA)	38 / 16 dBA	40 / 16 dBA
Noise Level	Sound Pressure (Outdoor, High/Low, dBA)	45 dBA	46 dBA
Noise Level	Sound Power (Indoor, High, dBA)	57 dBA	59 dBA
	Sound Power (Outdoor, High, dBA)	59 dBA	62 dBA
	Power Source (Φ/V/Hz)	1/220-240/50	1/220-240/50
	Power Consumption (Cooling, W)	590 W	970 W
Electrical Data	Power Consumption (Heating, W)	780 W	1050 W
	Operating Current (Cooling, A)	3.2 A	4.8 A
	Operating Current (Heating, A)	3.8 A	5.0 A
	Gross Dimension (Indoor, WxHxD, m x m x m)	1,020*326*345 mm	1020*326*345 mm
	Gross Dimension (Outdoor, WxHxD, m x m x m)	926*640*384 mm	926*640*384 mm
	Net Dimension (Indoor, WxHxD, m x m x m)	936*267*264 mm	936*267*264 mm
	Net Dimension (Outdoor, WxHxD, m x m x m)	790*548*285 mm	790*548*285 mm
Physical specification	Gross Weight (Indoor, kg)	14.5 kg	14.5 kg
	Gross Weight (Outdoor, kg)	37.5 kg	37.5 kg
	Net Weight (Indoor, kg)	12.0 kg	12.0 kg
	Net Weight (Outdoor, kg)	34.5 kg	34.5 kg
	Loading Quantity (20/40/40Hft without Pipe)	78/165/192	78/165/192
	Piping Length (Max, m)	15 m	15 m
	Piping Height (Max, m)	8 m	8 m
	SVC Valve (Liquid (ODxL))	6.35	6.35
	SVC Valve (Gas (ODxL))	9.52	9.52
	Moisture Removal (J/hr)	0.9 l/hr	1.2 l/hr
	Air Circulation (Cooling, m³/min)	11.0 m ³ /min	12.0 m³/min
Technical Information	Refrigerant (Charging, g)	1100 g	1,100 g
recrifical information	Low Ambient (Cooling, °C)	-10~46°C	-10~46°C
	Low Ambient (Heating, °C)	-15~24°C	-15~24°C
	Outdoor Unit (Compressor Type)	Twin BLDC	Twin BLDC
	Outdoor Unit (Compressor Type)	Yes	Yes
	Outdoor Unit (Multi-Channel Condensor)	No No	No No
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Air Direction Control (Up/Down)	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto
Air Flow	Air Flow Control Step (Cool/Fan)	05-Apr	05-Apr
	Natural Breeze	•	
	Natural Breeze Full HD Filter	Yes 60	Yes 60
	Allergy Care	Yes	Yes
	Anti-Bacteria	Yes	Yes
Air Purification			
	Auto Clean (Self-Cleaning) Virus Doctor	Yes	Yes
	Virus Doctor Easy Filter	Yes	Yes
		Yes	Yes
	Smart Wi-Fi	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes
	Indoor Temp. Display	Yes	Yes
Commission	Display On/Off	Yes	Yes
Convenience	Beep On/Off	Yes	Yes
	Real-Time Timer	Yes	Yes
	24-Hour Timer	No	No
	Auto Changeover	Yes	Yes
	Auto Restart	Yes	Yes
	2-Step Cooling	Yes	Yes
	Fast Cool	Yes	Yes
	Comfort Cool	Yes	Yes
	Good Sleep	Yes	Yes
Operating Mode	Single User Mode	Yes	Yes
	Dehumidification	Yes	Yes
	Fan Mode	Yes	Yes
	Quiet	Yes	Yes
	Mood Lighting	Yes	Yes

FJM High Wall (AR7580)

SPECIFICATIONS AR07KSPDBWKN/EU



Model Code		AR07KSPDBWKN/EU	
	Capacity (Cooling, Btu/hr)	6824 Btu/hr	
	Capacity (Heating, Btu/hr)	7506 Btu/hr	
Capacity	Capacity (Cooling, kW)	2.0 kW	
	Capacity (Heating, kW)	2.2 kW	
	Sound Pressure (Indoor, High/Low, dBA)	35 / 16 dBA	
Noise Level	Sound Power (Indoor, High, dBA)	56 dBA	
	Power Source (Φ/V/Hz)	1/220-240/50	
	Power Consumption (Cooling, W)	30 W	
Electrical Data	Power Consumption (Heating, W)	30 W	
	Operating Current (Cooling, A)	0.3 A	
	Operating Current (Heating, A)	0.3 A	
	Net Dimension (Indoor, WxHxD, "*"*") ??	826*261*261 mm	
Physical Specification	Net Weight (Indoor, kg)	10.2 kg	
	SVC Valve (Liquid (ODxL))	6.35*5	
Technical Information	SVC Valve (Gas (ODxL))	9.52*5	
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	
	Air Direction Control (Up/Down)	Auto	
Air Flow	Air Direction Control (Left/Right)	Auto	
	Air Flow Control Step (Cool/Fan)	05-Apr	
	Neo Triple Filter	Yes	
	Full HD Filter	3 Care Filter (HD60)	
	Allergy Care	Yes	
Air Purification	Anti-Bacteria	Yes	
	Auto Clean (Self-Cleaning)	Yes	
	Virus Doctor	Yes	
	Easy Filter	Yes	
	Smart Home (Wi-Fi)	Yes	
	Filter Cleaning Indicator	Yes	
	Indoor Temp. Display	Yes	
Convenience	Display On/Off	Yes	
	Beep On/Off	Yes	
	24-Hour Timer	Yes	
	Auto Restart	Yes	
	2-Step Cooling	Yes	
	Fast Cool	Yes	
	Comfort Cool	Yes	
Operating Mode	Good Sleep	Yes	
	Dehumidification	Yes	
	Fan Mode	Yes	
	Quiet	Yes	

FJM High Wall (AR7580)

SPECIFICATIONS
AR09/12/18/24KSPDBWKN/EU



Model Code		AR09KSPDBWKN/EU	AR12KSPDBWKN/EU	AR18KSPDBWKN/EU	AR24KSPDBWKN/EU
	Capacity (Cooling, Btu/hr)	8530 Btu/hr	11942 Btu/hr	17060 Btu/hr	23202 Btu/hr
	Capacity (Heating, Btu/hr)	10918 Btu/hr	13648 Btu/hr	20472 Btu/hr	27296 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3310~11260 Btu/hr	3310~13648 Btu/hr	5459~ 23884 Btu/hr	7506 ~ 27296 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3310~18425 Btu/hr	3310~19790 Btu/hr	4094 ~ 27296 Btu/hr	6483 ~ 34120 Btu/hr
Capacity	Capacity (Cooling, kW)	2.5 kW	3.5 kW	5.0 kW	6.8 kW
	Capacity (Heating, kW)	3.2 kW	4.0 kW	6.0 kW	8.0 kW
	· / ·	0.97~3.30 kW	0.97~4.00 kW	1.6~7.0 kW	2.2~8.0 kW
	Capacity (Cooling, Kcal/hr)				
	Capacity (Heating, Kcal/hr)	0.97 ~ 5.40 kW	0.97 ~ 5.80 kW	1.2 ~ 8.0 kW	1.9~ 10.0 kW
	Annual electricity consumption (cooling, kWh/annum)	123 kWh/annum	183 kWh/annum	250 kWh/annum	340 kWh/annum
	Annual electricity consumption (heating, kWh/annum)	730 kWh/annum	883 kWh/annum	1575 kWh/annum	1575 kWh/annum
	EER (Cooling, W/W)	4.24 W/W	3.61 W/W	3.90 W/W	3.30 W/W
	COP (Heating, W/W)	4.10 W/W	3.81 W/W	4.11 W/W	3.51 W/W
Energy Efficiency	Energy Efficiency Class for cooling (W/W)	7.1	6.7	7	7
	Energy Efficiency Class for cooling (Grade)	A++	A++	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	4.6	4.6	4	4
	Energy Efficiency Class for heating in 'Average' heating season (Grade)	A++	A++	A+	A+
	Sound Pressure (Indoor, High/Low, dBA)	38 / 16 dBA	40 / 16 dBA	42 / 25 dBA	43 / 26 dBA
Noise Level	Sound Pressure (Outdoor, High/Low, dBA)	45 dBA	46 dBA	51 dBA	52 dBA
	Sound Power (Indoor, High, dBA)	56 dBA	58 dBA	58 dBA	62 dBA
	Sound Power (Outdoor, High, dBA)	59 dBA	62 dBA	65 dBA	67 dBA
	Power Source (Φ/V/Hz)	1phase / 220-240V/ 50Hz	1phase / 220-240V / 50Hz	1phase / 220-240V / 50Hz	1phase / 220-240V / 50Hz
	Power Consumption (Cooling, W)	590 W	970 W	1280 W	2060 W
Electrical Data	Power Consumption (Heating, W)	780 W	1050 W	1460 W	2280 W
	Operating Current (Cooling, A)	3.2 A	4.8 A	6.0 A	9.0 A
	Operating Current (Heating, A)	3.8 A	5.0 A	6.8 A	10.8 A
	Net Dimension (Indoor, WxHxD, mm)	826*261*261 mm	826*261*261 mm	1065*301*294 mm	1065*301*294 mm
	Net Dimension (Outdoor, WxHxD, mm)	790*285*545 mm	790*285*545 mm	880*793*310 mm	880*793*310 mm
Physical Specification	Net Weight (Indoor, kg)	10.2 kg	10.2 kg	15.5 kg	15.5 kg
	Net Weight (Outdoor, kg)	34.5 kg	34.5 kg	52.5 kg	52.5 kg
	Piping Length (Max, m)	15 m	15 m	30 m	30 m
	Piping Height (Max, m)	8 m	8 m 6.35*5	15 m 6.35*5	15 m 6.35*5
	SVC Valve (Liquid (ODxL))	6.35*5			
	SVC Valve (Gas (ODxL))	9.52*5	9.52*5	12.70*5	15.88*5
	Moisture Removal (I/hr)	0.9 l/hr	1.2 l/hr	1.8 l/hr	2.4 l/hr
	Air Circulation (Cooling, m³/min)	11.0 m ³ /min	12.0 m ³ /min	18.0 m ³ /min	19.0 m³/min
Technical Information	Refrigerant (Charging, g)	1100 g	1100 g	1500 g	1500 g
	Low Ambient (Cooling, °C)	-10~46°C	-10~46°C	-10~46°C	-10~46 °C
	Low Ambient (Heating, °C)	-15 ~ 24 °C	-15~24°C	-15~24°C	-15 ~ 24 °C
	Outdoor Unit (Compressor Type)	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes	Yes
	Outdoor Unit (Multi-Channel Condensor)	No	No	Yes	Yes
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)			
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto
Air Flow	Air Direction Control (Left/Right)	Auto	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	05-Apr	05-Apr	05-Apr	05-Apr
	Neo Triple Filter	Yes	Yes	Yes	Yes
	Full HD Filter	3 Care Filter (HD 60)			
	Allergy Care	Yes	Yes	Yes	Yes
Air Purification	Anti-Bacteria	Yes	Yes	Yes	Yes
All Fullication					
	Auto Clean (Self-Cleaning)	Yes Yes	Yes	Yes	Yes
	Virus Doctor		Yes	Yes	Yes
	Easy Filter	Yes	Yes	Yes	Yes
	Smart Home (Wi-Fi)	Yes	Yes	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes	Yes	Yes
	Indoor Temp. Display	Yes	Yes	Yes	Yes
Convenience	Display On/Off	Yes	Yes	Yes	Yes
	Beep On/Off	Yes	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes	Yes
	Auto Changeover	Yes	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes	Yes
	2-Step Cooling	Yes	Yes	Yes	Yes
	Fast Cool	Yes	Yes	Yes	Yes
	Comfort Cool	Yes	Yes	Yes	Yes
0	Good Sleep	Yes	Yes	Yes	Yes
Operating Mode	Single User Mode	Yes	Yes	Yes	Yes
	Dehumidification	Yes	Yes	Yes	Yes
					100
			Yes	Yes	Yes
	Fan Mode Quiet	Yes Yes	Yes Yes	Yes Yes	Yes Yes

FJM High Wall (AR5580)

SPECIFICATIONS AR07KSWSAWKN/EU



Model Code			
	Capacity (Cooling, Btu/hr)	6824 Btu/hr	
	Capacity (Heating, Btu/hr)	7506 Btu/hr	
Capacity	Capacity (Cooling, kW)	2.0 kW	
	Capacity (Heating, kW)	2.2 kW	
	Sound Pressure (Indoor, High/Low, dBA)	33/19 dBA	
Noise Level	Sound Power (Indoor, High, dBA)	54 dBA	
	Power Source (Φ/V/Hz)	1/220-240/50	
	Power Consumption (Cooling, W)	30 W	
Electrical Data	Power Consumption (Heating, W)	30 W	
	Operating Current (Cooling, A)	0.3 A	
	Operating Current (Heating, A)	0.3 A	
	Net Dimension (Indoor, WxHxD, mm)	826*261*261 mm	
Physical Specification	Net Weight (Indoor, kg)	9.5 kg	
	SVC Valve (Liquid (ODxL))	6.35*5	
Technical Information	SVC Valve (Gas (ODxL))	9.52*5	
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	
	Air Direction Control (Up/Down)	Auto	
Air Flow	Air Direction Control (Left/Right)	Manual	
	Air Flow Control Step (Cool/Fan)	05-Apr	
	Neo Triple Filter	Yes	
	Full HD Filter	3 Care Filter (HD60)	
	Allergy Care	Yes	
Air Purification	Anti-Bacteria	Yes	
	Auto Clean (Self-Cleaning)	Yes	
	Easy Filter	Yes	
	Smart Home (Wi-Fi)	Yes	
	Filter Cleaning Indicator	Yes	
	Indoor Temp. Display	Yes	
Convenience	Display On/Off	Yes	
	Beep On/Off	Yes	
	24-Hour Timer	Yes	
	Auto Restart	Yes	
	2-Step Cooling	Yes	
	Fast Cool	Yes	
	Comfort Cool	Yes	
Operating Mode	Good Sleep	Yes	
	Dehumidification	Yes	
	Fan Mode	Yes	
	Quiet	Yes	

FJM High Wall (AR5580)

SPECIFICATIONS AR09/12/KSWSBWKN/ET



Model Code			
	Capacity (Cooling, Btu/hr)	8530 Btu/hr	11940 Btu/hr
	Capacity (Heating, Btu/hr)	10920 Btu/hr	12970 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	4436 ~ 11260 Btu/hr	4440~13650 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3750 ~ 14160 Btu/hr	3750~15870 Btu/hr
Capacity			
	Capacity (Cooling, kW)	2.5 kW	3.5 kW
	Capacity (Heating, kW)	3.2 kW	3.8 kW
	Capacity (Cooling, Min - Max, kW)	1.30~3.30 kW	1.30 ~ 4.00 kW
	Capacity (Heating, Min - Max, kW)	1.10~4.15 kW	1.10~4.65 kW
	Annual electricity consumption (cooling, kWh/annum)	143 kWh/annum	201 kWh/annum
	Annual electricity consumption (heating, kWh/annum)	823 kWh/annum	823 kWh/annum
	EER (Cooling, W/W)	3.73 W/W	3.30 W/W
	COP (Heating, W/W)	3.72 W/W	3.73 W/W
Energy Efficiency	Energy Efficiency Class for cooling (W/W)	6.1	6.1
Energy Emolericy	Energy Efficiency Class for cooling (WW)	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	4	4
	Energy Efficiency Class for heating in	A+	A
	'Average' heating season (Grade)		A+
	Sound Pressure (Indoor, High/Low, dBA)	37 / 19 dBA	38 / 19 dBA
Noise Level	Sound Pressure (Outdoor, High/Low, dBA)	45 dBA	46 dBA
NOISE LEVEI	Sound Power (Indoor, High, dBA)	54 dBA	56 dBA
	Sound Power (Outdoor, High, dBA)	59 dBA	62 dBA
	Power Source (Φ/V/Hz)	1phase / 220-240V/ 50Hz	1phase / 220-240V~/ 50Hz
	Power Consumption (Cooling, W)	670 W	1060 W
Electrical Data			
LIECTRICAL DATA	Power Consumption (Heating, W)	860 W	1020 W
	Operating Current (Cooling, A)	3.6 A	5.0 A
	Operating Current (Heating, A)	4.4 A	5.0 A
	Net Dimension (Indoor, WxHxD, mm)	826*261*261 mm	826*261*261 mm
Physical Specification	Net Dimension (Outdoor, WxHxD, mm)	720*548*265 mm	720*548*265 mm
Physical Specification	Net Weight (Indoor, kg)	9.5 kg	9.5 kg
	Net Weight (Outdoor, kg)	28.5 kg	28.5 kg
	Piping Length (Max, m)	15.0 m	15.0 m
	Piping Height (Max, m)	8.0 m	8.0 m
	SVC Valve (Liquid (ODxL))	6.35*5	6.35*5
	SVC Valve (Gas (ODxL))		
		9.52*5	9.52*5
	Moisture Removal (I/hr)	0.9 l/hr	1.2 l/hr
	Air Circulation (Cooling, m³/min)	11.0 m ³ /min	12.0 m ³ /min
Technical Information	Refrigerant (Charging, g)	950 g	950 g
	Low Ambient (Cooling, °C)	-10~46°C	-10~46°C
	Low Ambient (Heating, °C)	-15~24°C	-15~24°C
	Outdoor Unit (Compressor Type)	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes
	Outdoor Unit (Multi-Channel Condensor)	Yes	Yes
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)
	Air Direction Control (Up/Down)	Auto	Auto
Air Flow	Air Direction Control (Left/Right)	Manual	Manual
	Air Flow Control Step (Cool/Fan)	05-Арг	05-Apr
	Neo Triple Filter	Yes	Yes
	Full HD Filter	3 Care Filter (HD 60)	3 Care Filter (HD 60)
4: B : C : :	Allergy Care	Yes	Yes
Air Purification	Anti-Bacteria	Yes	Yes
	Auto Clean (Self-Cleaning)	Yes	Yes
	Easy Filter	Yes	Yes
	· · · · · · · · · · · · · · · · · · ·		
	Smart Home (Wi-Fi)	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes
	Indoor Temp. Display	Yes	Yes
Convenience	Display On/Off	Yes	Yes
	Beep On/Off	Yes	Yes
	24-Hour Timer	Yes	Yes
	Auto Changeover	Yes	Yes
	Auto Restart	Yes	Yes
		Yes	Yes
	2 Stop Cooling		res
	2-Step Cooling		
	Fast Cool	Yes	Yes
			Yes Yes
Operating Mada	Fast Cool	Yes	
Operating Mode	Fast Cool Comfort Cool	Yes Yes	Yes
Operating Mode	Fast Cool Comfort Cool Good Sleep	Yes Yes Yes	Yes Yes
Operating Mode	Fast Cool Comfort Cool Good Sleep Single User Mode	Yes Yes Yes Yes	Yes Yes Yes

FJM High Wall (AR5580)

SPECIFICATIONS
AR18/24KSWSAWKN/EU



Model Code		AR18KSWSAWKN/EU	AR24KSWSAWKN/EU
	Capacity (Cooling, Btu/hr)	17060 Btu/hr	23200 Btu/hr
	Capacity (Heating, Btu/hr)	20472 Btu/hr	26610 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	5459~ 20472 Btu/hr	6140~27300 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	4094~ 27978 Btu/hr	4440~27980 Btu/hr
Capacity	Capacity (Cooling, kW)	5.0 kW	6.8 kW
	Capacity (Heating, kW)	6.0 kW	7.8 kW
	Capacity (Cooling, Min - Max, kW)	1.6 ~ 6.0 kW	1.8~8.0 kW
	Capacity (Heating, Min - Max, kW)	1.2 ~ 8.2 kW	1.3~8.2 kW
	Annual electricity consumption (cooling, kWh/annum)	261 kWh/annum	390 kWh/annum
	Annual electricity consumption (heating, kWh/annum)	1437 kWh/annum	1658 kWh/annum
	EER (Cooling, W/W)	3.45 W/W	3.01 W/W
	COP (Heating, W/W)	3.61 W/W	3.12 W/W
Energy Efficiency	Energy Efficiency Class for cooling (W/W)	6.7	6.1
	Energy Efficiency Class for cooling (Grade)	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	3.8	3.8
	Energy Efficiency Class for heating in	A	A
	'Average' heating season (Grade) Sound Pressure (Indoor, High/Low, dBA)	41/25 dBA	43 / 26 dBA
Noise Level	Sound Pressure (Outdoor, High/Low, dBA)	51 dBA	52 dBA
	Sound Power (Indoor, High, dBA)	58 dBA	62 dBA
	Sound Power (Outdoor, High, dBA)	65 dBA	67 dBA
	Power Source (Φ/V/Hz)	1phase / 220-240V/ 50Hz	1phase / 220-240V/ 50Hz
	Power Consumption (Cooling, W)	1450 W	2250 W
Electrical Data	Power Consumption (Heating, W)	1660 W	2500 W
	Operating Current (Cooling, A)	6.8 A	10.0 A
	Operating Current (Heating, A)	7.8 A	11.0 A
	Net Dimension (Indoor, WxHxD, mm)	1065*301*294 mm	1065*301*294 mm
	Net Dimension (Outdoor, WxHxD, mm)	880*638*310 mm	880*793*310 mm
Physical Specification	Net Weight (Indoor, kg)	13.0 kg	13.5 kg
	Net Weight (Outdoor, kg)	43.5 kg	52.5 kg
		-	-
	Piping Length (Max, m)	30.0 m	30.0 m
	Piping Height (Max, m)	15.0 m	15.0 m
	SVC Valve (Liquid (ODxL))	6.35*5	6.35*5
	SVC Valve (Gas (ODxL))	12.7*5	15.88*5
	Moisture Removal (I/hr)	1.8 l/hr	2.4 l/hr
	Air Circulation (Cooling, m ³ /min)	19.0 m ³ /min	19.0 m ³ /min
Technical Information	Refrigerant (Charging, g)	1150 g	1450 g
	Low Ambient (Cooling, °C)	-10~46°C	-10~46°C
	Low Ambient (Heating, °C)	-15~24 °C	-15~24°C
	Outdoor Unit (Compressor Type)	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes
	Outdoor Unit (Multi-Channel Condensor)	Yes	Yes
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)
	Air Direction Control (Up/Down)	Auto	Auto
Air Flow	Air Direction Control (Left/Right)	Manual	Manual
	Air Flow Control Step (Cool/Fan)	05-Apr	05-Apr
	Neo Triple Filter	Yes	Yes
	Full HD Filter	3 Care Filter (HD 60)	3 Care Filter (HD 60)
All Division All	Allergy Care	Yes	Yes
Air Purification	Anti-Bacteria	Yes	Yes
	Auto Clean (Self-Cleaning)	Yes	Yes
	Easy Filter	Yes	Yes
	Smart Home (Wi-Fi)	Yes	Yes
	Filter Cleaning Indicator		
		Yes	Yes
	Indoor Temp. Display	Yes	Yes
Convenience	Display On/Off	Yes	Yes
	Beep On/Off	Yes	Yes
	24-Hour Timer	Yes	Yes
	Auto Changeover	Yes	Yes
	Auto Restart	Yes	Yes
	2-Step Cooling	Yes	Yes
	Fast Cool	Yes	Yes
	Comfort Cool	Yes	Yes
	Good Sleep	Yes	Yes
Operating Mode			
	Single User Mode	Yes	Yes
,			
	Dehumidification	Yes	Yes
,	Dehumidification Fan Mode Quiet	Yes Yes Yes	Yes Yes Yes

FJM High Wall (AR5680)

SPECIFICATIONS AR07KSWNAWKN/EU



Model Code			
	Capacity (Cooling, Btu/hr)	6824 Btu/hr	
	Capacity (Heating, Btu/hr)	7506 Btu/hr	
Capacity	Capacity (Cooling, kW)	2.0 kW	
	Capacity (Heating, kW)	2.2 kW	
N. S. J.	Sound Pressure (Indoor, High/Low, dBA)	33 / 19 dBA	
Noise Level	Sound Power (Indoor, High, dBA)	54 dBA	
	Power Source (Φ/V/Hz)	1/220-240/50	
	Power Consumption (Cooling, W)	30 W	
Electrical Data	Power Consumption (Heating, W)	30 W	
	Operating Current (Cooling, A)	0.3 A	
	Operating Current (Heating, A)	0.3 A	
	Net Dimension (Indoor, WxHxD, mm)	826*261*261 mm	
Physical Specification	Net Weight (Indoor, kg)	9.5 kg	
	SVC Valve (Liquid (ODxL))	6.35*5	
Technical Information	SVC Valve (Gas (ODxL))	9.52*5	
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	
	Air Direction Control (Up/Down)	Auto	
Air Flow	Air Direction Control (Left/Right)	Manual	
	Air Flow Control Step (Cool/Fan)	05-Apr	
	Neo Triple Filter	Yes	
	Full HD Filter	3 Care Filter (HD60)	
	Allergy Care	Yes	
Air Purification	Anti-Bacteria	Yes	
	Auto Clean (Self-Cleaning)	Yes	
	Easy Filter	Yes	
	Smart Home (Wi-Fi)	Yes	
	Filter Cleaning Indicator	Yes	
	Indoor Temp. Display	Yes	
Convenience	Display On/Off	Yes	
	Beep On/Off	Yes	
	24-Hour Timer	Yes	
	Auto Restart	Yes	
	2-Step Cooling	Yes	
	Fast Cool	Yes	
	Comfort Cool	Yes	
Operating Mode	Good Sleep	Yes	
	Dehumidification	Yes	
	Fan Mode	Yes	
	Quiet	Yes	

FJM High Wall (AR5680)

SPECIFICATIONS AR09/12KSWNAWKN/ET, AR18/24KSWNAWKN/EU



Model Code			AR12KSWNAWKN/ET		AR24KSWNAWKN/EU
	Capacity (Cooling, Btu/hr)	8530 Btu/hr	11940 Btu/hr	17060 Btu/hr	23200 Btu/hr
	Capacity (Heating, Btu/hr)	10920 Btu/hr	12970 Btu/hr	20472 Btu/hr	26610 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	4436 ~ 11260 Btu/hr	4440~13650 Btu/hr	5459 ~ 20472 Btu/hr	6140~27300 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3750 ~ 14160 Btu/hr	3750~15870 Btu/hr	4094 ~ 27978 Btu/hr	4440 ~ 27980 Btu/hr
Capacity	Capacity (Cooling, kW)	2.5 kW	3.5 kW	5.0 kW	6.8 kW
		3.2 kW	3.8 kW	6.0 kW	7.8 kW
	Capacity (Heating, kW)				
	Capacity (Cooling, Min - Max, kW)	1.30 ~ 3.30 kW	1.30 ~ 4.00 kW	1.6 ~ 6.0 kW	1.8 ~ 8.0 kW
	Capacity (Heating, Min - Max, kW)	1.10~4.15 kW	1.10~4.65 kW	1.2 ~ 8.2 kW	1.3 ~ 8.2 kW
	Annual electricity consumption (cooling, kWh/annum)	143 kWh/annum	201 kWh/annum	261 kWh/annum	390 kWh/annum
	Annual electricity consumption (heating, kWh/annum)	823 kWh/annum	823 kWh/annum	1437 kWh/annum	1658 kWh/annum
	EER (Cooling, W/W)	3.73 W/W	3.30 W/W	3.45 W/W	3.01 W/W
	COP (Heating, W/W)	3.72 W/W	3.73 W/W	3.61 W/W	3.12 W/W
Energy Efficiency	Energy Efficiency Class for cooling (W/W)	6.1	6.1	6.7	6.1
	Energy Efficiency Class for cooling (Grade)	A++	A++	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	4	4	3.8	3.8
	Energy Efficiency Class for heating in 'Average' heating season (Grade)	A+	A+	A	A
	Sound Pressure (Indoor, High/Low, dBA)	37 / 19 dBA	38 / 19 dBA	41/25 dBA	43 / 26 dBA
	Sound Pressure (Outdoor, High/Low, dBA)	45 dBA	46 dBA	51 dBA	52 dBA
Noise Level	Sound Power (Indoor, High, dBA)	54 dBA	56 dBA	58 dBA	62 dBA
	Sound Power (Outdoor, High, dBA)	59 dBA	62 dBA	65 dBA	67 dBA
	Power Source (Φ/V/Hz)	1phase / 220-240V/ 50Hz	1phase / 220-240V~/ 50Hz	1phase / 220-240V/ 50Hz	1phase / 220-240V/ 50Hz
	Power Consumption (Cooling, W)	670 W	1060 W	1450 W	2250 W
Electrical Data	Power Consumption (Heating, W)	860 W	1020 W	1660 W	2500 W
	Operating Current (Cooling, A)	3.6 A	5.0 A	6.8 A	10.0 A
	Operating Current (Heating, A)	4.4 A	5.0 A	7.8 A	11.0 A
	Net Dimension (Indoor, WxHxD, mm)	826*261*261 mm	826*261*261 mm	1065*301*294 mm	1065*301*294 mm
	Net Dimension (Outdoor, WxHxD, mm)	720*548*265 mm	720*548*265 mm	880*638*310 mm	880*793*310 mm
Physical Specification	Net Weight (Indoor, kg)	9.5 kg	9.5 kg	13.0 kg	13.5 kg
	Net Weight (Outdoor, kg)	28.5 kg	28.5 kg	43.5 kg	52.5 kg
	Piping Length (Max, m)	15.0 m	15.0 m	30.0 m	30.0 m
	Piping Height (Max, m)	8.0 m	8.0 m	15.0 m	15.0 m
			6.35*5	6.35*5	6.35*5
	SVC Valve (Liquid (ODxL))	6.35*5			
	SVC Valve (Gas (ODxL))	9.52*5	9.52*5	12.7*5	15.88*5
	Moisture Removal (I/hr)	0.9 l/hr	1.2 l/hr	1.8 l/hr	2.4 l/hr
	Air Circulation (Cooling, m ³ /min)	11.0 m ³ /min	12.0 m ³ /min	19.0 m ³ /min	19.0 m³/min
Technical Information	Refrigerant (Charging, g)	950 g	950 g	1150 g	1450 g
	Low Ambient (Cooling, °C)	-10~46°C	-10~46°C	-10~46°C	-10 ~ 46 °C
	Low Ambient (Heating, °C)	-15 ~ 24 °C	-15~24°C	-15~24°C	-15 ~ 24 °C
	Outdoor Unit (Compressor Type)	BLDC	BLDC	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes	Yes	Yes
	Outdoor Unit (Multi-Channel Condensor)	Yes	Yes	Yes	Yes
		R410A	R410A	R410A	R410A
	Refrigerant (Type)	(Fluorinated greenhouse gas, GWP>150)	(Fluorinated greenhouse gas, GWP>150)	(Fluorinated greenhouse gas, GWP>150)	(Fluorinated greenhouse gas, GWP>1
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto
Air Flow	Air Direction Control (Left/Right)	Manual	Manual	Manual	Manual
	Air Flow Control Step (Cool/Fan)	05-Apr	05-Apr	05-Apr	05-Apr
	Neo Triple Filter	Yes	Yes	Yes	Yes
	Full HD Filter	3 Care Filter (HD 60)	3 Care Filter (HD 60)	3 Care Filter (HD 60)	3 Care Filter (HD 60)
		Yes	Yes	Yes	Yes
Air Purification	Allergy Care				
	Anti-Bacteria	Yes	Yes	Yes	Yes
	Auto Clean (Self-Cleaning)	Yes	Yes	Yes	Yes
	Easy Filter	Yes	Yes	Yes	Yes
	Smart Home (Wi-Fi)	Yes	Yes	Yes	Yes
	Filter Cleaning Indicator	Yes	Yes	Yes	Yes
	Indoor Temp. Display	Yes	Yes	Yes	Yes
	Display On/Off	Yes	Yes	Yes	Yes
Convenience	Beep On/Off	Yes	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes	Yes
	Auto Changeover	Yes	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes	Yes
			Yes	Yes	Yes
	2-Step Cooling	Yes			
	2-Step Cooling Fast Cool	Yes Yes	Yes	Yes	Yes
	2-Step Cooling		Yes Yes	Yes Yes	Yes Yes
	2-Step Cooling Fast Cool	Yes			
Operating Mode	2-Step Cooling Fast Cool Comfort Cool Good Sleep	Yes Yes Yes	Yes	Yes Yes	Yes Yes
Operating Mode	2-Step Cooling Fast Cool Comfort Cool Good Sleep Single User Mode	Yes Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes
Operating Mode	2-Step Cooling Fast Cool Comfort Cool Good Sleep	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes

FJM High Wall (Maldives)

SPECIFICATIONS AR07KSFPEWQN/EU



Model Code		AR07KSFPEWQN/EU	
	Capacity (Cooling, Btu/hr)	6824 Btu/hr	
0 3	Capacity (Heating, Btu/hr)	7506 Btu/hr	
Capacity	Capacity (Cooling, kW)	2.0 kW	
	Capacity (Heating, kW)	2.2 kW	
Noise Level	Sound Pressure (Indoor, High/Low, dBA)	33 / 23 dBA	
Noise Level	Sound Power (Indoor, High, dBA)	56 dBA	
	Power Source (Φ/V/Hz)	1/220-240/50	
	Power Consumption (Cooling, W)	30 W	
Electrical Data	Power Consumption (Heating, W)	30 W	
	Operating Current (Cooling, A)	0.3 A	
	Operating Current (Heating, A)	0.3 A	
DI 1 10 10 11	Net Dimension (Indoor, WxHxD, mm)	820*285*215 mm	
Physical Specification	Net Weight (Indoor, kg)	8.2 kg	
	SVC Valve (Liquid (ODxL))	6.35*5	
Technical Information	SVC Valve (Gas (ODxL))	9.52*5	
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	
	Air Direction Control (Up/Down)	Auto	
Air Flow	Air Direction Control (Left/Right)	Manual	
	Air Flow Control Step (Cool/Fan)	05-Apr	
	Full HD Filter	3 Care Filter (HD60)	
	Allergy Care	Yes	
Air Purification	Anti-Bacteria	Yes	
	Auto Clean (Self-Cleaning)	Yes	
	Virus Doctor	No	
Convenience	24-Hour Timer	Yes	
Convenience	Auto Restart	Yes	
	2-Step Cooling	Yes	
	Fast Cool	Yes	
	Comfort Cool	Yes	
Operating Mode	Good Sleep	Yes	
	Dehumidification	Yes	
	Fan Mode	Yes	
	Quiet	Yes	

FJM High Wall (Maldives)

SPECIFICATIONS
AR09/12KSFPEWQN/ET



Model Code		AR09KSFPEWQN/ET	AR12KSFPEWQN/ET
	Capacity (Cooling, Btu/hr)	8,530 Btu/hr	11,940 Btu/hr
	Capacity (Heating, Btu/hr)	10,920 Btu/hr	11,940 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)	3753~11260 Btu/hr	3753~13648 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)	3583~15013 Btu/hr	3583~16378 Btu/hr
Capacity	Capacity (Cooling, kW)	2.5 kW	3.5 kW
	Capacity (Heating, kW)	3.2 kW	3.5 kW
	Capacity (Cooling, Min - Max, kW)	1.10~3.30 kW	1.10 ~ 4.00 kW
	Capacity (Heating, Min - Max, kW)	1.05 ~ 4.40 kW	1.05 ~ 4.80 kW
	Annual electricity consumption (cooling, kWh/annum)	156 kWh/annum	219 kWh/annum
	Annual electricity consumption (heating, kWh/annum)	811 kWh/annum	811 kWh/annum
	EER (Cooling, W/W)	3.21 W/W	2.76 W/W
	COP (Heating, W/W)	3.52 W/W	3.50 W/W
Energy Efficiency	Energy Efficiency Class for cooling (W/W)	5.6	5.6
	Energy Efficiency Class for cooling (Grade)	A+	A+
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	3.8	3.8
	Energy Efficiency Class for heating in 'Average' heating season (Grade)	A	A
	Sound Pressure (Indoor, High/Low, dBA)	38 / 21 dBA	42 / 21 dBA
	Sound Pressure (Outdoor, High/Low, dBA)	46 dBA	48 dBA
Noise Level	Sound Power (Indoor, High, dBA)	56 dBA	59 dBA
	Sound Power (Outdoor, High, dBA)	63 dBA	65 dBA
	Power Source (Φ/V/Hz)	1phase / 220-240V/ 50Hz	1phase / 220-240V/ 50Hz
	Power Consumption (Cooling, W)	780 W	1270 W
Electrical Data	Power Consumption (Heating, W)	910 W	1000 W
Licetical Data	Operating Current (Cooling, A)	3.6 A	5.6 A
	Operating Current (Heating, A)	4.1 A	4.4 A
	Net Dimension (Indoor, WxHxD, mm)	820*285*215 mm	820*285*215 mm
	Net Dimension (Outdoor, WxHxD, mm)	660*475*242 mm	660*475*242 mm
Physical Specification	Net Weight (Indoor, kg)	8.2 kg	8.2 kg
	Net Weight (Outdoor, kg)	22.5 kg	22.5 kg
	Piping Length (Max, m)	15.0 m	15.0 m
	Piping Height (Max, m)	8.0 m	8.0 m
	SVC Valve (Liquid (ODxL))	6.35*5	6.35*5
	SVC Valve (Gas (ODxL))	9.52*5	9.52*5
	Moisture Removal (I/hr)	0.9 l/hr	1.2 l/hr
	Air Circulation (Cooling, m³/min)	10.5 m³/min	11.5 m³/min
Technical Information	Refrigerant (Charging, g)	880 g	880 g
	Low Ambient (Cooling, °C)	-5~46°C	-5~ 46 °C
	Low Ambient (Heating, °C)	-10~24°C	-10 ~ 24 ° C
	Outdoor Unit (Compressor Type)	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)	Yes	Yes
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenhouse gas, GWP>150)
	Air Direction Control (Up/Down)	Auto	Auto
Air Flow	Air Direction Control (Left/Right)	Manual	Manual
All HOW	Air Flow Control Step (Cool/Fan)	05-Apr	05-Apr
	Full HD Filter	3 Care Filter (HD 60)	3 Care Filter (HD 60)
	Allergy Care	Yes	Yes
Air Purification	Anti-Bacteria	Yes	Yes
	Auto Clean (Self-Cleaning)	Yes	Yes
	24-Hour Timer	Yes	Yes
Convenience	Auto Changeover	Yes	Yes
22/110/110/100	Auto Changeover Auto Restart	Yes	Yes
	2-Step Cooling	Yes	Yes
	Fast Cool	Yes	Yes
	Comfort Cool	Yes	Yes
	Good Sleep	Yes	Yes
Operating Mode	Single User Mode	Yes	
	Dehumidification	Yes	Yes Yes
	Fan Mode	Yes	Yes
	Quiet	Yes	Yes
	Quice	103	103

FJM High Wall (Maldives)

SPECIFICATIONS
AR18/24FSFPDGMN/EU



Control	Model Code		AR18FSFPDGMN/EU	AR24FSFPDGMN/EU
County C		Capacity (Cooling, Btu/hr)	17060 Btu/hr	23,200 Btu/hr
Capacity (1998) Capacity (1998) Copy (1998)<			20472 Btu/hr	26,600 Btu/hr
Capacity (1998) Capacity (1998) Copy (1998)<				
Camer Compa March Compa Comp				
Common C	Capacity			
Pages Capacity Carlon Capacity Ca				
Capacity Methods (Capacity M				
Marie distributions are professionally and income and professional p				
Page Marcal desiration amongs of being Minkman 1000 Minkman				
Descriptions Desc				
Compatibility Conting				2003 KWII/dilliulii
Marchanes				
Page March Color Color				
Post	Energy Efficiency			
Promise Prom				
Marcapic basiner (1986) Ministry Minis		'Average' heating season (W/W)	3.8	3.8
South Prison thoses (Ref) Fuse (Ref) (모든 10 전 15 전		Energy Efficiency Class for heating in 'Average' heating season (Grade)	A	A
Note			40/27 dBA	
Sourchern Sourchern (Sourching) (Sourch Seer (Sourch Seer (Sourching) (Sourch Seer (Sourching) (Sourch Seer (Sou				
	Noise Level			62 dBA
Power States (Poly/10) 1702 - 200/10 1715 V V V V V V V V V V V V V V V V V V V				
Peace (Intention to the Peace				
Peer Consuption Heining Will				
	Electrical Data			
Page				
Page				
Page				
Net Margin Chardonic kg)	Physical Specification			
Report legacy Max.m2 30 m				
Pipuris legist Max. ms 15 m				
SVC Note Clast ODU-LL)				
Mediate Removal Driva				
Pachwical Information Pach				
Petronal Information Petronal Information				
Low Ambient Cooling 10				
Devantion of Peetings	lechnical Information			
Outdoor Unit Compressor Yipe) Twin BLDC Twin BLDC Outdoor Unit Compressor Yipe) Yes Yes Outdoor Unit Multi Channel Condesson? No Re10 or No AF Park Wide Ywa Blade No No Operal Single Blade Yes Yes AF Develon Control (LPC Vision) Auto Auto AF Develon Control (LPC Vision) Manual Manual AF Pour Control (LPC Vision) Manual Manual Manual AF Pour Control (LPC Vision) Manual Manua				
Dutidoc Init Multi-Channel Condensor) Yes Yes				
Display Disp				
Reflow R				
Mich Print Blade No				
Alf Flow Alf Plow Alf Plow Control Clufy Down Alf Direction Control Clufy Down Alf Direction Control Clufy Down Alf Direction Control Clufy Right) Alf Plow Control Step Cool/Fan) - Alf Plow Core - Alf Plow Core - And Bacteria - Art Bacteria - Yes - Auto Collen Control (Life Down) - Auto Collen Co				
Air Dive Air Direction Control (Up/Down) Auto Auto Air Diversion Control (Up/Down) Menual Manual Air Pow Control Step (Coo/Fan) - OP-Mar Air Pow Control Step (Coo/Fan) - OP-Mar Autral Breeze Yes Yes Full HD Filter 80 Full HD Filter B0 Full HD Filter 80 Arti-Bacteria No No Arti-Bacteria Yes Yes Auto Ganc Cief (Cleaning) Yes Yes Auto Ganc Cief (Cleaning) Yes Yes Easy Filter No No Easy Filter No No Easy Filter No No Easy Filter No No Filt Cleaning Indicator No No Indoor Time Diploy No No Diploy On/Off No No Real Time Time No No Real Time Time No No Auto Restart Yes Ye				
Air Plane				
Air Plow Control Step (Cool/Fan) -	Air Flow			
Natural Breeze Yes Yes A Plasma Ion No No A Plasma Ion No No All Filter 80 Full HD Filter Allegy Care No No Auto Care Glef Cleaning) Yes Yes Virus Doctor No No Auto Care Glef Cleaning) Yes Yes Virus Doctor No No Smart W-F No No Filter Cleaning Indicator No No Filter Cleaning Indicator No No Indoor Temp. Display No No Indoor Temp. Display No No Beep On Orlf No No Real-Time Timer No No Real-Time Timer Yes Yes Auto Canageover Yes Yes Auto Grille No No Auto Grille No No Operating Mode Yes Yes Operating Mode Yes Yes <td></td> <td></td> <td>Manual</td> <td></td>			Manual	
SPlasma Ion			-	
Full HD Filter				
Allergy Care				
Air Purification Anti-Bacteria Yes Yes Auto Clean (Self-Cleaning) Yes No Yirus Doctor No No Easy Filter No No Bay Filter (Cleaning Indicator) No No Indoor Temp. Display No No Display On/Off No No Beep On/Off No No Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Operating Mode Yes Yes Operating Mode Yes Yes Poperating Mode				
Auto Clean (Self-Cleaning) Yes Yes Virus Doctor No No Easy Filter No No Smart Wi-Fi No No Filter Cleaning Indicator No No Indoor Temp. Display No No Beep On/Off No No Beep On/Off No No 24-Hour Timer No No 24-Hour Timer Yes Yes Auto Restart Yes Yes Auto Grille No No Auto Grille No No Operating Mode Yes Yes				
Virus Doctor No No Easy Filter No No Smart Wi-Fi No No Filter Cleaning Indicator No No Indoor Temp. Display No No Display On/Off No No Beep On/Off No No Real-Time Timer No No Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Auto Grille No No Operating Mode Yes Yes Operating Mode Yes Yes <td< td=""><td>Air Purification</td><td></td><td></td><td></td></td<>	Air Purification			
Easy Filter No No RATH W-FT No No Filter Cleaning Indicator No No Indoor Temp. Display No No Display On/Off No No Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Operating Mode Yes No Operating Mode Yes Yes				
Convenience Smart Wi-Fi No No Convenience Filter Cleaning Indicator No No Indoor Temp. Display No No Display On/Off No No Beep On/Off No Yes Real-Time Timer No No 24-Hour Timer Yes Yes Auto Restart Yes Yes Auto Grille No No Auto Grille No No Past Cool No No Comfort Cool No No Turbo Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Debumidification Yes Yes Peumidification Yes Yes				
Convenience Filter Cleaning Indicator No No Convenience Indoor Temp. Display No No Display On/Off No No Beep On/Off No Yes Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes				
Convenience Indoor Temp. Display No No Display On/Off No No Beep On/Off No Yes Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Fast Cooling No No Comfort Cool No No Turbo Mode Yes Yes Dilght Cool No No Good Sleep Yes Yes Pelumidification Yes Yes Pelumidification Yes Yes				
Convenience Display On/Off No No Beep On/Off No Yes Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes				
Convenience Beep On/Off No Yes Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Grille No No Auto Grille No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes				
Convenience Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Restart Yes Yes Auto Grille No No Real-Time Timer No Yes Auto Changeover Yes Yes Auto Grille No No No No No Fast Cool No No Comoft Cool No No Turbo Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes				No
Real-Time Timer No No 24-Hour Timer Yes Yes Auto Changeover Yes Yes Auto Restart Yes Yes Auto Grille No No Auto Changeover No No 2-Step Cooling No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Dilght Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes	Convenience			
Auto Changeover Yes Yes Auto Restart Yes Yes Auto Grille No No Rest Cooling No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes				
Auto Restart Yes Yes Auto Grille No No Seption Cooling No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Dilght Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes				
Auto Grille No No 2-Step Cooling No No Fast Cool No No Comfort Cool No No Turbo Mode Yes Yes Plight Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes				
Operating Mode No No Operating Mode Fast Cool No No Operating Mode No No Operating Mode Yes Yes Object Cool No No Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes				
Operating Mode Fast Cool No No Operating Mode Yes Yes Dilght Cool No No Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes		Auto Grille		
Operating Mode No No Operating Mode Yes Yes Dilght Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes				
Operating Mode Yes Yes Dight Cool No No Good Sleep Yes Yes Pehumidification Yes Yes Fan Mode Yes Yes		Fast Cool	No	No
Operating Mode Dilight Cool No No Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes		Comfort Cool	No	No
Operating Mode Yes Yes Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes		Turbo Mode	Yes	Yes
Good Sleep Yes Yes Dehumidification Yes Yes Fan Mode Yes Yes		Dlight Cool	No	No
Dehumidification Yes Yes Fan Mode Yes Yes	OtiM	Dilgitt Cool		
Fan Mode Yes Yes	Operating Mode		Yes	Yes
	Operating Mode	Good Sleep		
	Operating Mode	Good Sleep Dehumidification	Yes	Yes
Mood Lighting No No	Operating Mode	Good Sleep Dehumidification Fan Mode	Yes Yes	Yes Yes

FJM High Wall (Boracay)

SPECIFICATIONS AR07/09/12KSFHBWKN/ET, AR18/24KSFHBWKN/EU



Model Code				AR12KSFHBWKN/ET		
	Capacity (Cooling, Btu/hr)	6824.0 Btu/hr	8530.0 Btu/hr	11942 Btu/hr	17060 Btu/hr	23200 Btu/hr
	Capacity (Heating, Btu/hr)	7506.0 Btu/hr	10920.0 Btu/hr	11942 Btu/hr	20470 Btu/hr	26270 Btu/hr
	Capacity (Cooling, Min - Max, Btu/hr)		3753~11260 Btu/hr	3753~13648 Btu/hr	5459~23884 Btu/hr	6142~27296 Btu/hr
	Capacity (Heating, Min - Max, Btu/hr)		3583~15013 Btu/hr	3583~16378 Btu/hr	4094~24566 Btu/hr	4436~27978 Btu/hr
Capacity	Capacity (Cooling, kW)	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.8 kW
	Capacity (Heating, kW)	2.2 kW	3.2 kW	3.5 kW	6.0 kW	7.7 kW
	Capacity (Cooling, Min - Max, kW)	Z.Z RVV	1.10~3.30 kW	1.10~4.00 kW	1.60~7.00 kW	1.8~8.0 kW
		-		1.10 4.00 kW 1.05~4.80 kW	1.50 7.00 kW 1.20~7.20 kW	
	Capacity (Heating, Min - Max, kW)		1.05~4.40 kW	201 kWh/annum	261 kWh/annim	1.3~8.2 kW
	Annual electricity consumption (cooling, kWh/annum)	•				
	Annual electricity consumption (heating, kWh/annum)	-	811 kWh/annum	811 kWh/annum	1547 kWh/annum	1658 kWh/annum
	EER (Cooling, W/W)		3.21 W/W	2.76 W/W	3.5 W/W	3.01 W/W
	COP (Heating, W/W)		3.52 W/W	3.50 W/W	3.45 W/W	3.01 W/W
nergy Efficiency	Energy Efficiency Class for cooling (W/W)		6.1	6.1	6.7	6.1
	Energy Efficiency Class for cooling (Grade)	-	A++	A++	A++	A++
	Energy Efficiency Class for heating in 'Average' heating season (W/W)	-	3.8	3.8	3.8	3.8
	Energy Efficiency Class for heating in 'Average' heating season (Grade)	-	A	A	A	A
	Sound Pressure (Indoor, High/Low, dBA)	33 / 23 dBA	38 / 21 dBA	42 / 21 dBA	42 / 25 dBA	44 / 28 dBA
loise Level	Sound Pressure (Outdoor, High/Low, dBA)	-	46 dBA	48 dBA	51 dBA	52 dBA
	Sound Power (Indoor, High, dBA)	56 dBA	56 dBA	59 dBA	58 dBA	63 dBA
	Sound Power (Outdoor, High, dBA)	-	63 dBA	65 dBA	65 dBA	69 dBA
	Power Source (Φ/V/Hz)	1/220-240/50	1phase/ 220-240V/ 50Hz	1phase/ 220-240V/ 50Hz	1phase/ 220-240V/ 50Hz	1phase/ 220-240V/ 50H
	Power Consumption (Cooling, W)	30 W	780 W	1270 W	1430 W	2260 W
lectrical Data	Power Consumption (Heating, W)	30 W	910 W	1000 W	1740 W	2560 W
	Operating Current (Cooling, A)	0.3 A	3.6 A	5.6 A	6.3 A	10.0 A
	Operating Current (Heating, A)	0.3 A	4.1 A	4.4 A	7.7 A	11.2 A
	Net Dimension (Indoor, WxHxD, mm)	820*285*227 mm	820*285*227 mm	820*285*227 mm	1065*298*243 mm	1065*298*243 mm
	Net Dimension (Outdoor, WxHxD, mm)		660*475*242 mm	660*475*242 mm	880*793*310 mm	880*793*310 mm
hysical Specification	Net Weight (Indoor, kg)	8.2 kg	8.2 kg	8.2 kg	11.5 kg	11.5 kg
	Net Weight (Outdoor, kg)	0.2 kg	22.5 kg	22.5 kg	52.5 kg	52.5 kg
	Piping Length (Max, m)		15.0 m	15.0 m	30.0 m	30.0 m
	Piping Height (Max, m)	6.35*5	8.0 m 6.35*5	8.0 m 6.35*5	15.0 m 6.35*5	15.0 m
	SVC Valve (Liquid (ODxL))	*****				6.35*5
	SVC Valve (Gas (ODxL))	9.52*5	9.52*5	9.52*5	12.70*5	15.88*5
	Moisture Removal (I/hr)	-	0.9 l/hr	1.2 l/hr	1.8 l/hr	2.4 l/hr
	Air Circulation (Cooling, m ³ /min)	-	10.5 m ³ /min	11.5 m³/min	18.0 m ³ /min	20.0 m ³ /min
echnical Information	Refrigerant (Charging, g)	-	880 g	880 g	1450 g	1450 g
	Low Ambient (Cooling, °C)		-5 ~ 46 °C	-5~46°C	-10 ~ 46 °C	-10~46°C
	Low Ambient (Heating, °C)	-	-10~24°C	-10~24°C	-15 ~ 24 °C	-15 ~ 24 °C
	Outdoor Unit (Compressor Type)		BLDC	BLDC	BLDC	BLDC
	Outdoor Unit (Anti-Corrosion Fin)		Yes	Yes	Yes	Yes
	Refrigerant (Type)	R410A (Fluorinated greenhouse gas, GWP>150)	R410A (Fluorinated greenho			
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
ir Flow	Air Direction Control (Left/Right)	Manual	Manual	Manual	Manual	Manual
	Air Flow Control Step (Cool/Fan)	-	-	_	-	_
	Full HD Filter	3 Care Filter (HD 60)	3 Care Filter (HD 60)			
	Allergy Care	Yes	Yes	Yes	Yes	Yes
ir Purification	Anti-Bacteria	Yes	Yes	Yes	Yes	Yes
	Auto Clean (Self-Cleaning)	Yes	Yes	Yes	Yes	Yes
	24-Hour Timer	Yes	Yes	Yes	Yes	Yes
onvenience	Auto Changeover		Yes	Yes	Yes	Yes
	Auto Restart	Yes	Yes	Yes	Yes	Yes
	2-Step Cooling	Yes	Yes	Yes	Yes	Yes
	Fast Cool	Yes	Yes	Yes	Yes	Yes
	Comfort Cool	Yes	Yes	Yes	Yes	Yes
perating Mode	Good Sleep	Yes	Yes	Yes	Yes	Yes
rperaurig mode	Single User Mode		Yes	Yes	Yes	Yes
	Dehumidification	Yes	Yes	Yes	Yes	Yes
	Fan Mode	Yes	Yes	Yes	Yes	Yes
			Yes	Yes	Yes	

FJM Slim 1-Way Cassette

SPECIFICATIONS MH026/35FSEA



Model Code			
Features	Туре	1-Way Cassette	1-Way Cassette
Model Name	Indoor Unit	MH026FSEA	MH035FSEA
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP	HEAT PUMP
	Cooling [kW]	2.60 kW	3.50 kW
	Cooling [Btu/h]	8,900 Btu/h	11,900 Btu/h
Capacity	Heating [kW]	2.90 kW	3.80 kW
	Heating [Btu/h]	9,900 Btu/h	13,000 Btu/h
	Cooling [W]	45.00 W	50.00 W
Power Input (Nominal)	Heating [W]	45.00 W	50.00 W
	Cooling	0.23 A	0.25 A
Current Input (Nominal)	Heating	0.23 A	0.25 A
	Туре	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	80 x 1 W	80 x 1 W
	Air Flow Rate (High / Mid / Low) [CMM]	6.20/5.20/4.20 CMM	7.60/6.60/5.60 CMM
an	Air Flow Rate (High / Mid / Low) [L/S]	103.33/86.67/70.00	126.67/110.00/93.33
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
	Gas Pipe (Φ, inch)	3/8"	3/8"
	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.50	0.75~1.50
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV NOT INCLUDED	EEV NOT INCLUDED
. ,	Sound Pressure	30.0/28.0/25.0 dBA	32.0/30.0/27.0 dBA
Sound	Sound Power	53.0 dBA	53.0 dBA
	Net Weight (kg)	10.5 kg	10.5 kg
External Dimension	Shipping Weight (kg)	13.5 kg	13.5 kg
ndoor Unit)	Net Dimensions (WxHxD) (mm)	970 x 135 x 410 mm	970 x 135 x 410 mm
	Shipping Dimensions (WxHxD) (mm)	1164 x 212 x 478 mm	1164 x 212 x 478 mm
	Panel Model	PSSMA	PSSMA
	Panel Net Weight (kg)	3 kg	3 kg
Panel Size	Shipping Weight (kg)	5 kg	5 kg
	Net Dimensions (WxHxD) (mm)	1180 x 25 x 460 mm	1180 x 25 x 460 mm
	Shipping Dimensions (WxHxD) (mm)	1259 x 144 x 539 mm	1259 x 144 x 539 mm

FJM Slim 1-Way Cassette

DIMENSIONAL DRAWINGS MH026/35FSEA



Units: mm 970 1036 Suspension bolts(M8~M10) X 4EA-(5) 1180 863 94 460 861 6

No.	Name	Descr	iption
		2.6kW	3.5kW
1	Liquid pipe connection	Ø6.35	Flare
2	Gas pipe connection	Ø9.52	! Flare
3	Drain pipe connection	VP20 (OD 26, ID 20)	
4	Conduit for power supply and communication wiring	-	
5	Air outlet louver	-	
6	Air inlet grille	-	
7	Panel model	PSS	MA

FJM Mini 4-Way Cassette S

SPECIFICATIONS
AJN016/20/26/35/52NDEHA/EU



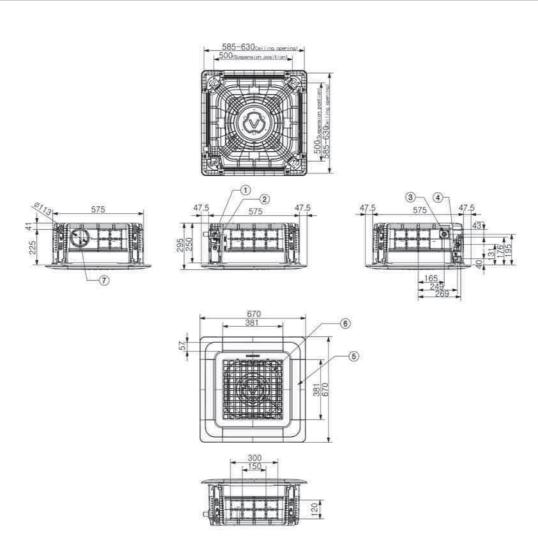
Model Code		AJN016NDEHA/EU	AJN020NDEHA/EU	AJN026NDEHA/EU	AJN035NDEHA/EU	AJN052NDEHA/EU
Features	Туре	4-Way Cassette S (600x600)				
Model Name	Indoor Unit	AJN016NDEHA/EU	AJN020NDEHA/EU	AJN026NDEHA/EU	AJN035NDEHA/EU	AJN052NDEHA/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP				
	Cooling [kW]	1.60 kW	2.00 kW	2.60 kW	3.50 kW	5.20 kW
Cit.	Cooling [Btu/h]	5,500 Btu/h	6,800 Btu/h	8,900 Btu/h	11,900 Btu/h	17,700 Btu/h
Capacity	Heating [kW]	2.00 kW	2.20 kW	2.90 kW	3.80 kW	5.60 kW
	Heating [Btu/h]	6,800 Btu/h	7,500 Btu/h	9,900 Btu/h	13,000 Btu/h	19,100 Btu/h
	Cooling [W]	19.00 W	19.00 W	19.00 W	22.00 W	28.00 W
Power Input (Nominal)	Heating [W]	19.00 W	19.00 W	19.00 W	22.00 W	28.00 W
	Cooling	0.51 A	0.51 A	0.51 A	0.52 A	0.53 A
Current Input (Nominal)	Heating	0.51 A	0.51 A	0.51 A	0.52 A	0.53 A
	Туре	Turbo Fan				
	Motor (Output) [W]	65 x 1 W				
_	Air Flow Rate (High / Mid / Low) [CMM]	9.90/8.20/6.90 CMM	9.90/8.20/6.90 CMM	9.90/8.20/6.90 CMM	10.70/9.00/7.40 CMM	10.70/9.00/7.40 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	165.00/136.67/115.00	165.00/136.67/115.00	165.00/136.67/115.00	178.33/150.00/123.33	178.33/150.00/123.33
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq				
	External Static Pressure (Min / Std / Max) [Pa]	- Pa				
	Liquid Pipe (Φ, mm)	6.35 mm				
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm	9.52 mm	12.70 mm
	Gas Pipe (Φ, inch)	3/8"	3/8"	3/8"	3/8"	1/2"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm				
Field Wiring	Power Source Wire	1	1	1	1	1
rieid Willing	Transmission Cable	0.75~1	0.75~1	0.75~1	0.75~1	0.75~1
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)				
	Control Method	EEV NOT INCLUDED				
Sound	Sound Pressure	33.0/29.0/24.0 dBA	33.0/29.0/24.0 dBA	34.0/30.0/25.0 dBA	36.0/33.0/29.0 dBA	40.0/36.0/32.0 dBA
Sound	Sound Power	47.0 dBA	47.0 dBA	47.0 dBA	49.0 dBA	55.0 dBA
	Net Weight (kg)	11.40 kg	11.00 kg	11.40 kg	12.00 kg	11.8 kg
External Dimension	Shipping Weight (kg)	13.40 kg	13.00 kg	13.40 kg	13.40 kg	13.8 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	575 x 250 x 575 mm				
	Shipping Dimensions (WxHxD) (mm)	623 x 298 x 653 mm				
	Panel Model	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
	Panel Net Weight (kg)	2.70 kg				
Panel Size	Shipping Weight (kg)	4.20 kg				
	Net Dimensions (WxHxD) (mm)	670 x 45 x 670 mm				
	Shipping Dimensions (WxHxD) (mm)	714 x 106 x 724 mm				

FJM Mini 4-Way Cassette S

DIMENSIONAL DRAWINGS AJN016/20/26/35/52NDEHA/EU



Units: mm



No.	Name	Description				
		1.6kW	2.0kW	2.6kW	3.5kW	5.2kW
1	Liquid pipe connection			Ø6.35 Flare		
2	Gas pipe connection	Ø9.52 Flare Ø12.70 Flare			Ø12.70 Flare	
3	Drain pipe connection	VP25 (OD 32, ID 25)				
4	Conduit for power supply and communication wiring	-				
5	Air outlet louver	-				
6	Air inlet grille	-				
87	Fresh air intake	Ø100				

FJM Slim Duct

SPECIFICATIONS
NJ026/35LHXEA



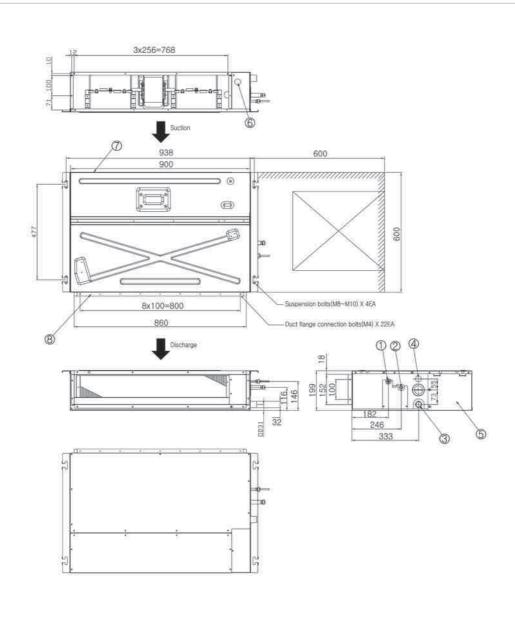
Model Code			
Features	Туре	Slim Duct	Slim Duct
Model Name	Indoor Unit	NJ026LHXEA	NJ035LHXEA
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP	HEAT PUMP
	Cooling [kW]	2.60 kW	3.50 kW
	Cooling [Btu/h]	8,900 Btu/h	11,900 Btu/h
Capacity	Heating [kW]	2.90 kW	3.80 kW
	Heating [Btu/h]	9,900 Btu/h	13,000 Btu/h
D 1 101 1 D	Cooling [W]	80.00 W	80.00 W
Power Input (Nominal)	Heating [W]	80.00 W	80.00 W
	Cooling	0.40 A	0.40 A
Current Input (Nominal)	Heating	0.40 A	0.40 A
	Туре	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	80 x 1 W	80 x 1 W
	Air Flow Rate (High / Mid / Low) [CMM]	8.60/7.60/6.60 CMM	9.80/8.80/7.80 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	143.33/126.67/110.00	163.33/146.67/130.00
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.00/4.00 mmAq	0.00/2.00/4.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/19.61/39.23 Pa	0.00/19.61/39.23 Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
	Gas Pipe (Φ, inch)	3/8"	3/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
Finish Military	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75 ~ 1.50
Definent	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV NOT INCLUDED	EEV NOT INCLUDED
6 1	Sound Pressure	30.0/28.0/25.0 dBA	32.0/30.0/27.0 dBA
Sound	Sound Power	53.0 dBA	53.0 dBA
	Net Weight (kg)	24 kg	24 kg
External Dimension	Shipping Weight (kg)	32 kg	32 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	900 x 199 x 600 mm	900 x 199 x 600 mm
	Shipping Dimensions (WxHxD) (mm)	1150 x 280 x 710 mm	1150 x 280 x 710 mm
Additional Accessory	Drain Pump	MDP-E075SEE3	MDP-E075SEE3

FJM Slim Duct

dimensional drawings NI026/35LHXEA



Units: mm



No.	Name	Descr	iption
		2.6kW	3.5kW
1	Liquid pipe connection	Ø6.35	Flare
2	Gas pipe connection	Ø9.52	! Flare
3	Drain pipe connection without optional drain pump kits		
4	Drain pipe connection with optional drain pump kits		
5	Control unit	-	
6	Conduit for power supply and communication wiring		
7	Return air side -		
8	Air outlet duct flange		

FJM MSP Duct

SPECIFICATIONS MH052FUEA



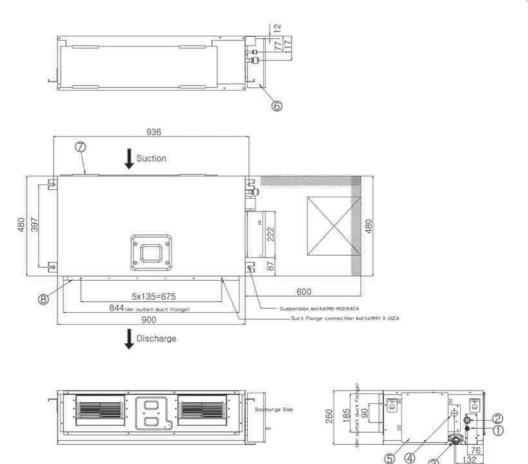
Model Code		MH052FUEA
Features	Туре	MSP Duct
Model Name	Indoor Unit	MH052FUEA
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50
System	Mode	НЕАТ РИМР
	Cooling [kW]	5.20 kW
Cit-	Cooling [Btu/h]	17,700 Btu/h
Capacity	Heating [kW]	5.6 kW
	Heating [Btu/h]	19,100 Btu/h
Danier Inner (Name in a)	Cooling [W]	170.00 W
Power Input (Nominal)	Heating [W]	170.00 W
Current Input (Nominal)	Cooling	1.04 A
Current input (Nominal)	Heating	1.04 A
	Туре	Sirocco Fan
	Motor (Output) [W]	124×1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	16.30/15.00/13.50 CMM
ran	Air Flow Rate (High / Mid / Low) [L/S]	271.67/250.00/225.00
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/4.00/8.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/39.23/78.45 Pa
	Liquid Pipe (Φ, mm)	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm
	Gas Pipe (Φ, inch)	1/2"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm
Final Media	Power Source Wire	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)
Reifigerant	Control Method	EEV NOT INCLUDED
Sound	Sound Pressure	37.0/35.0/33.0 dBA
Sound	Sound Power	59.0 dBA
	Net Weight (kg)	29.00 kg
External Dimension	Shipping Weight (kg)	34.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	900 x 260 x 480 mm
	Shipping Dimensions (WxHxD) (mm)	1146 x 363 x 584 mm
Additional Accessory	Drain Pump	MDP-M075SGU3

FJM MSP Duct

DIMENSIONAL DRAWINGS MH052FUEA



Units: mm



No.	Name	Description
		5.2kW
1	Liquid pipe connection	Ø6.35 Flare
2	Gas pipe connection	Ø12.70 Flare
3	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID25)
4	Drain pipe connection with optional drain pump kits	-
5	Control unit	-
6	Conduit for power supply and communication wiring	-
7	Return air side	-
8	Air outlet duct flange	-

FJM Console

SPECIFICATIONS MH035/52FJEA

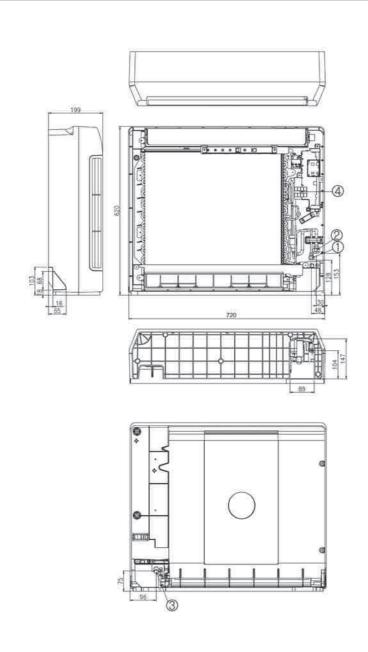


Model Code			
Features	Туре	Console	Console
Model Name	Indoor Unit	MH035FJEA	MH052FJEA
Power Supply (Indoor Un	iit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System Mode		HEAT PUMP	HEAT PUMP
	Cooling [kW]	3.50 kW	5.20 kW
	Cooling [Btu/h]	11,900 Btu/h	17,700 Btu/h
Capacity	Heating [kW]	3.80 kW	5.60 kW
	Heating [Btu/h]	13,000 Btu/h	19,100 Btu/h
	Cooling [W]	35.00 W	50.00 W
Power Input (Nominal)	Heating [W]	35.00 W	50.00 W
	Cooling	0.29 A	0.35 A
Current Input (Nominal)	Heating	0.29 A	0.35 A
	Туре	Turbo Fan	Turbo Fan
	Motor (Output) [W]	37 x 1 W	37 x 1 W
	Air Flow Rate (High / Mid / Low) [CMM]	10.50/9.30/8.20 CMM	11.20/9.90/8.60 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	175.00/155.00/136.67	186.67/165.00/143.33
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	12.70 mm
	Gas Pipe (Φ, inch)	3/8"	1/2"
	Drain Pipe (Φ,mm)	VP18 (OD 19,ID 16) mm	VP18 (OD 19,ID 16) mm
E LINE:	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75~1.50
D. C	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV NOT INCLUDED	EEV NOT INCLUDED
C	Sound Pressure	39.0/32.0/24.0 dBA	44.0/34.0/25.0 dBA
Sound	Sound Power	59.0 dBA	59 dBA
	Net Weight (kg)	15.2 kg	15.2 kg
External Dimension	Shipping Weight (kg)	20.3 kg	20.5 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 620 x 199 mm	720 x 620 x 199 mm
	Shipping Dimensions (WxHxD) (mm)	810 x 710 x 299 mm	810 x 710 x 299 mm

FJM Console

DIMENSIONAL DRAWINGS MH035/52FJEA





No.	Name	Description				
		2.6kW 3.5kW		5.2kW		
1	Liquid pipe connection	Ø6.35 Flare				
2	Gas pipe connection	Ø9.52 Flare Ø12.70				
3	Drain pipe connection	ID18 Hose				
4	Conduit for power supply and communication wiring		-			

SPECIFICATIONS
AJ040/50FCJ2EH/EU

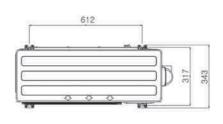


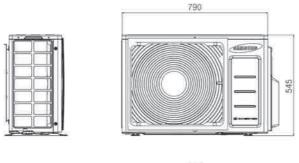
Model Code		AJ040FCJ2EH/EU	AJ050FCJ2EH/EU
Features	Туре	Free Joint Multi	Free Joint Multi
Model Name	Outdoor Unit	AJ040FCJ2EH/EU	AJ050FCJ2EH/EU
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP	HEAT PUMP
Performance (nominal)		1.50 HP HP	1.80 HP HP
	Cooling [kW]	4.00 kW kW	5.00 kW kW
	Cooling [Btu/h]	13,600 Btu/h Btu/h	17,100 Btu/h Btu/h
Capacity Power Input (Nominal)	Heating [kW]	4.40 kW kW	5.70 kW kW
	Heating [Btu/h]	15,000 Btu/h Btu/h	19,400 Btu/h Btu/h
	Cooling	1.02 kW kW	1.32 kW kW
Power Input (Nominal)	Heating	0.99 kW kW	1.35 kW kW
Current Input (Nominal)	Cooling	4.70 A A	6.00 A A
Current Input (Nominal)	Heating	4.50 A A	6.20 A A
	MCA [A]	9.80 (MCA) A A	11.80 (MCA) A A
Features Ty Model Name On Power Supply (Outdoor Unit) System M. Performance (nomina) Capacity En Power Input (Nomina) Ch File Current Input (Nomina) Ch File Compressor En File File File File File File File File	MFA [A]	11.25 A A	13.75 A A
	EER (Nominal Cooling)	3.92	3.79
	COP (Nominal Heating)	4.44	4,22
Inergy Efficiency	Energy Grade (Cooling)	A++	A++
	Energy Grade (Heating)	A+	A+
	Туре	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output (kW)	4.454 kW kW	4.454 kW kW
Compressor	Model	UG4T150FUDJQDO x 1	UG4T150FUDJQD0 x 1
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	650 cc cc	650 cc cc
	Туре	Propeller Fan/BLDC	Propeller Fan/BLDC
	Motor (Output) [W]	35.0 x 1 W W	35.0 x 1 W W
	Air Flow Rate (High / Mid / Low) [CMM]	29.65 CMM CMM	33.05 CMM CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	494.17	550.83
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq mmAq	- mmAq mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa Pa	- Pa Pa
	Liquid Pipe (Ø,mm x EA)	6.35 x 2	6.35 x 2
	Liquid Pipe (Ø,inch x EA)	1/4"×2	1/4"×2
	Gas Pipe (Ø,mm x EA)	9.52 x 2	9.52 + 12.70
Piping Connections	Gas Pipe (Ø,inch x EA)	3/8"×2	3/8"+1/2"
	Installation Max. Height [m]	20 m m	20 m m
	Installation Max. Height [m]	15 m m	15 m m
	Power Source Wire	2.5~2.5	2.5~2.5
Field Wiring	Transmission Cable	0.75~1.0	0.75~1.0
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	1.3 kg	1.6 kg
	Sound Pressure	45.0 dBA dBA	46.0 dBA dBA
Sound	Sound Power	43.0 dBA dBA	61.0 dBA dBA
	Net Weight (kg)	37.9 kg	40 kg
	Shipping Weight (kg)	37.9 kg 40.9 kg	43 kg
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	40.9 kg 790 x 545 x 285 mm mm	790 x 545 x 285 mm mm
	Shipping Dimensions (WxHxD) (mm)	926 x 599 x 382 mm mm	926 x 599 x 382 mm mm
	Cooling (°C)	926 X 599 X 382 mm mm -5.0 ~ 46.0 °C	926 X 599 X 382 mm mm -5.0 ~ 46.0 °C
Operating Temp. Range			
	Heating (°C)	-15.0 ~ 24.0 °C	-15.0 ~ 24.0 °C

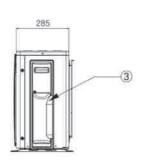
DIMENSIONAL DRAWINGS AJ040/50FCJ2EH/EU

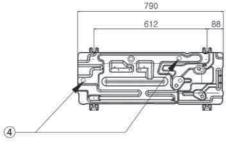


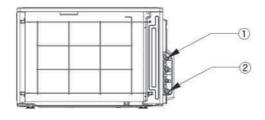












No.	Name	Description			
	4.0kW		5.0kW		
1	Liquid pipe connection	Ø6.35 (x	2) Flare		
2	Gas pipe connection	Ø9.52 (x 2) Flare	Ø9.52, Ø12.70 Flare		
3	Power and communication wiring conduit		-		
4	Drain pipe				

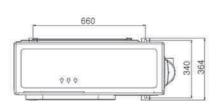
SPECIFICATIONS
AJ052FCJ3EH/EU



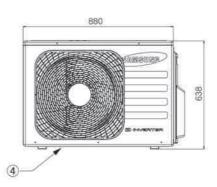
Model Code		AJ052FCJ3EH/EU
Features	Туре	Free Joint Multi
Model Name	Outdoor Unit	AJOS2FCJ3EH/EU
Power Supply (Outdoor L		1,2,220-240,50
System	Mode	HEAT PUMP
Performance (nominal)	mode	2.00 HP HP
T CHOITIANCE GIOTIINAV	Cooling [kW]	5.20 kW kW
	Cooling [Btu/h]	17,700 Btu/h Btu/h
Capacity	Heating [kW]	6.30 kW kW
	Heating [Btu/h]	21,500 Btu/h Btu/h
	Cooling	1.35 kW kW
Power Input (Nominal) Current Input (Nominal)	Heating	1.40 kW kW
	*	
Current Input (Nominal)	Cooling	6.20 A A
	Heating	6.40 A A
Power	MCA [A]	12.20 (MCA) A A
	MFA [A]	13.75 A A
	EER (Nominal Cooling)	3.85
Energy Efficiency	COP (Nominal Heating)	4.5
nergy Efficiency	Energy Grade (Cooling)	A++
	Energy Grade (Heating)	A+
	Туре	Twin BLDC Rotary x 1
Compressor	Output (kW)	(1.79) kW kW
	Model	UG4T200FUAE4DO x 1
	Oil (Type)	POE
	Oil (Initial Charge) [cc]	650 cc cc
	Туре	Propeller Fan/BLDC
	Motor (Output) [W]	45.0 x 1 W W
	Air Flow Rate (High / Mid / Low) [CMM]	38.36 CMM CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	639.33
	External Static Pressure (Min / Std / Max) [mmAq]	- mmp4 mmp4
	External Static Pressure (Min / Std / Max) [Pa]	- Pa Pa
	Liquid Pipe (Ø,mm x EA)	6.35 x 3
	Liquid Pipe (Ø,inch x EA)	1/4*x3
	Gas Pipe (Ø,mm x EA)	9.52 x 2 + 12.70
Fan Piping Connections	Gas Pipe (Ø,inch x EA)	3/8" x 2 + 1/2"
	Installation Max. Height [m]	20 m m
	Installation Max. Height [m]	15 m m
	Power Source Wire	2.5~2.5
Field Wiring	Transmission Cable	0.75~1.0
	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	2.2 kg
	Sound Pressure	46.0 dBA dBA
Sound	Sound Power	61.0 dBA dBA
	Net Weight (kg)	49 kg
	Shipping Weight (kg)	53 kg
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	880 x 638 x 310 mm mm
(Outdoor Unit)	Shipping Dimensions (WxHxD) (mm)	1,053 x 695 x 413 mm mm
		1,053 % 695 X 4 1.3 mm mm -5.0~46.0 °C
Operating Temp. Range	Cooling (°C) Heating (°C)	-5.0 ⁴6.0 ℃ -15.0 ~24.0 °C
	neating (G)	-13.0 Z4.0°C

DIMENSIONAL DRAWINGS AJ052FCJ3EH/EU

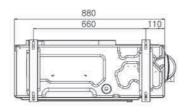


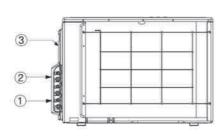












No.	Name	Description
		5.2kW
1	Liquid pipe connection	Ø6.35 (x 3) Flare
2	Gas pipe connection	Ø9.52 (x 2), Ø12.70 Flare
3	Power and communication wiring conduit	-
4	Drain pipe	-

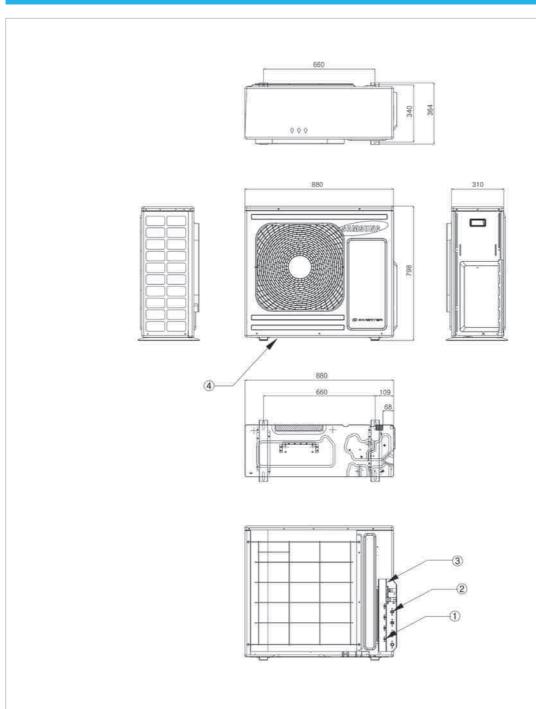
SPECIFICATIONS AJ068FCJ3EH/EU, AJ070/80FCJ4EH/EU



Model Code		AJ068FCJ3EH/EU	AJ070FCJ4EH/EU	AJ080FCJ4EH/EU
Features	Туре	Free Joint Multi	Free Joint Multi	Free Joint Multi
Model Name	Outdoor Unit	AJ068FCJ3EH/EU	AJ070FCJ4EH/EU	AJ080FCJ4EH/EU
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance (nominal)		2.50 HP	2.50 HP	3.00 HP
	Cooling [kW]	6.80 kW	7.00 kW	8.00 kW
Power Input (Nominal)	Cooling [Btu/h]	23,200 Btu/h	23,900 Btu/h	27,300 Btu/h
	Heating [kW]	8.00 kW	8.60 kW	9.30 kW
	Heating [Btu/h]	27,300 Btu/h	29,300 Btu/h	31,700 Btu/h
	Cooling	2.00 kW	1.90 kW	2.30 kW
Power Input (Nominal)	Heating	1.91 kW	2.00 kW	2.20 kW
	Cooling	9.20 A	8.70 A	10.50 A
Current Input (Nominal)	Heating	8.70 A	9.20 A	10.10 A
	MCA [A]	15.50 (MCA) A	18.7 A	th Multi #EH/EU #ADROPC(JEH/EU) #ADRO
Power	MFA [A]	17.50 A	20.75 A	
	EER (Nominal Cooling)	3.4	Free Joint Multi Free AJ070FCJ4EH/EU AJ080 11,2,220-240,50 1,2,2 HEAT PUMP HE 2,50 HP 3 7,00 kW 8 8 23,900 Btu/h 27,3 8,60 kW 9 9 kM 22,300 Btu/h 31,7 1,90 kW 2 2,00 kW 2 2,00 kW 2 3,70 A 1 1,50 kW 2 2,00 kW 3 8,70 A 1 1,87 A 2 2,75 A 2 3,88 4,3 4,3 A 4+ A 7 1,766 kW 7,766	3.48
Energy Efficiency	COP (Nominal Heating)	4.19	4.3	4.23
	Energy Grade (Cooling)	A++	A+	A
	Energy Grade (Heating)	A+	A	A
Compressor	Туре	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output (kW)	(1.79) kW	7.766 kW	7.766 kW
	Model	UG4T200FUAE4D0 x 1	G8T260FUAEW x 1	G8T260FUAEW x 1
	Oil (Type)	POE	POE	POE
	Oil (Initial Charge) [cc]	650 cc	700 cc	700 cc
	Туре	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC
	Motor (Output) [W]	124.0 x 1 W	124.0 x 1 W	124.0 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	48 CMM	46.24 CMM	46.9 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	791.67	770.67	781.67
	Liquid Pipe (Ø,mm x EA)	6.35 x 3	6.35 x 4	6.35 x 4
	Liquid Pipe (Ø,inch x EA)	1/4"x3	1/4" x 4	1/4" x 4
	Gas Pipe (Ø,mm x EA)	9.52 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2
Features Model Name Power Supply (Outdoor Un System Performance (nominal) Capacity Power Input (Nominal) Current Input (Nominal) Power Energy Efficiency Compressor Fan Piping Connections Field Wiring Refrigerant Sound External Dimension (Outdoor Unit)	Gas Pipe (Ø,inch x EA)	3/8" + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2
	Installation Max. Height [m]	20(25) m	25 m	25 m
	Installation Max. Height [m]	15.0(15.0) m	15 m	15 m
er i i i i i i	Power Source Wire	2.5~2.5	2.5~2.5	2.5~2.5
rield willing	Transmission Cable	0.75~1.0	0.75~1.0	0.75~1.0
n.c	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Kemgerant	Factory Charging (kg)	2.20 kg	2.8 kg	2.8 kg
Cd	Sound Pressure	48.0 dBA	48.0 dBA	49.0 dBA
Sound	Sound Power	63.0 dBA	63.0 dBA	63.0 dBA
	Net Weight (kg)	57.0 kg	65.0 kg	65.0 kg
External Dimension	Shipping Weight (kg)	61.0 kg	70.0 kg	70.0 kg
	Net Dimensions (WxHxD) (mm)	880 x 798 x 310 mm	880 x 798 x 310 mm	880 x 798 x 310 mm
(Odtd00) Unit)	Shipping Dimensions (WxHxD) (mm)	1,023 x 889 x 413 mm	1,023 x 889 x 413 mm	1,023 x 889 x 413 mm
0 % 7 0	Cooling (°C)	-5.0 ~ 46.0 °C	-5.0 ~ 46.0 °C	-5.0 ~ 46.0 °C
Operating Temp. Range	Heating (°C)	-15.0 ~ 24.0 °C	-15.0 ~ 24.0 °C	-15.0 ~ 24.0 °C

DIMENSIONAL DRAWINGS AJ068FCJ3EH/EU, AJ070/80FCJ4EH/EU





No.	Name	Description				
		6.0kW	7.0kW	8.0kW		
1	Liquid pipe connection	Ø6.35 (x 3) Flare Ø6.35 (x 4) Flare				
2	Gas pipe connection	Ø9.52 (x 2), Ø12.70 Flare Ø9.52 (x 2), Ø12.70 (x 2) Flare				
3	Power and communication wiring conduit		-			
4	Drain pipe		-			

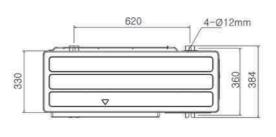
SPECIFICATIONS AJ100FCJ5EH/EU

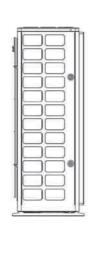


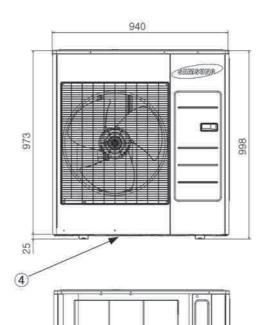
Model Code		AJ100FCJSEH/EU
Features	Туре	Free Joint Multi
Model Name	Outdoor Unit	AJ100FCJSEH/EU
Power Supply (Outdoor L		1.2.220-240,50
System	Mode	HEAT PUMP
Performance (nominal)		3.50 HP
	Cooling [kW]	10.00 kW
	Cooling [Btu/h]	34,100 Btu/h
Capacity	Heating [kW]	12.00 kW kW
	Heating [Btu/h]	40,900 Btu/h
	Cooling	2.90 kW
Power Input (Nominal)	Heating	2.93 kW
	Cooling	13.30 A
Current Input (Nominal)	Heating	13.40 A
	MCA [A]	26.20 (MCA) A
Power	MFA [A]	28.80 A
	EER (Nominal Cooling)	3.45
Energy Efficiency	COP (Nominal Heating)	4.1
		9.1 A++
	Energy Grade (Cooling)	
	Energy Grade (Heating)	A+
	Туре	Twin BLDC Rotary x 1
Compressor	Output (kW)	(9.17) kW
	Model	UGBT300FUBJUSG x 1
	Oil (Type)	POE
	Oil (Initial Charge) [cc]	1200 cc
	Туре	Propeller Fan/BLDC
	Motor (Output) [W]	125.0×1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	71 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	·
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa
	Liquid Pipe (Ø,mm x EA)	6.35×5
	Liquid Pipe (Ø,inch x EA)	TBC
Piping Connections	Gas Pipe (Ø,mm x EA)	9.52x2+12.70x3
	Gas Pipe (Ø,inch x EA)	TBC
	Installation Max. Height [m]	25.0 m m
	Installation Max. Height [m]	15.0 m m
Field Wiring	Power Source Wire	·
Ticle Tilling	Transmission Cable	· · · · · · · · · · · · · · · · · · ·
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)
Kenigerant	Factory Charging (kg)	3.3 kg
Sound	Sound Pressure	54.0 dBA
Journa	Sound Power	70.0 dBA
	Net Weight (kg)	74.5 kg
External Dimension	Shipping Weight (kg)	80.0 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 998 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1,096 x 426 mm
0ti	Cooling (°C)	-10.0~46.0 °C
Operating Temp. Range	Heating (°C)	-15.0 ~ 24.0 °C

DIMENSIONAL DRAWINGS AJ100FCJ5EH/EU











No.	Name	Description
		10.0kW
1	Liquid pipe connection	Ø6.35 (x 5) Flare
2	Gas pipe connection	Ø9.52 (x 2), Ø12.70 (x 5) Flare
3	Power and communication wiring conduit	-
4	Drain pipe	



Commercial Air Conditioning (CAC)



CAC Outdoor Units

Line-up

Туре	F	Capacity	2.6kW	3.5kW	5.2kW	6.0kW	7.1kW
		1-Phase			0		0_
Smart Inverter	Premium	3-Phase					
Smart Inverter	Deluxe —	1-Phase	0	0	0	O	0_
		3-Phase					
R Inverter		1-Phase			0]		0_

CAC Outdoor Units

Line-up

9.0kW	10.0kW	12.5kW	14.0kW	16.0kW	18.0kW	20.0kW

CAC Indoor Units

Line-up

Cassette

Model			Flagship	Premium 4-Way Cassette S	Deluxe	4-Way S (600x600)	Slim 1-Way
		2.6		, and a		•	•
		3.5				•	•
		5.2			•	•	
		6.0				•	
Capacity		7.1		•	•	•	
		9.0		•	•		
	10.0		•	•	•		
	12.5			•	•		
	14.0			•	•		
		Powerful Airflow	•	•	•	•	•
		Ceiling Dust Prevention	•	•	•	•	•
	***	Fresh Air Intake	•	•	•	•	
Features	-	High Lift-up Drain Pump	•	•	•	•	•
reatures		Sub Duct	•	•	•	•	
	000	Virus Doctor (Optional)	•	•	•	•	
	测 ≅	Motion Detect Sensor (Optional)				•	
		Smart Wi-Fi (Optional)	•	•	•	•	

Console and Ceiling

Model		Console	Ceiling (old)	Ceiling (new)
	2.6	•		
	3.5	•		
	5.2	•	•	
Capacity	7.1		•	
Capacity	10	_		•
	12			•
	14	_		•
	16			•
	Virus Doctor	•		
	Interior Design	•		•
Features	Anti-virus Filter	•		
	Lightweight Unit	•		
	Flexible Pipe Installation	•	(

CAC Indoor Units

Line-up

Duct

			Deluxe MSP	Slim Line	Ducts HSP
Model					
		2.6		•	
		3.5	•	•	
		5.2	•	•	
		6	•		
Capacity		7.1	•	•	
Capacity (kW)		9	•		
		10	•		
		12	•		
		18	•		•
		20			•
		The Slimmest Design	•	•	•
	#	High Efficient H.E.X.	•	•	•
	AUTO	Auto E.S.P Adjustment	•	•	
		3-Way Service	•	•	•
		Smart Pressure Control	•	•	•
Features		Easier Drain Pump Installation	•	•	•
		High Lift-up Drain Pump	•	•	•
		Pre-Filter	•	•	•
		Easy Filter Cleaning	•	•	•
	0	Virus Doctor (Optional)	•	•	•
		Smart Wi-Fi (Optional)	•	•	
	:-1 :-2 :-3	Zone Control (Optional)	•	•	•

Wall-Mounted – Premium

Model		Maldives	
	2.6	•	
Capacity	3.5	•	
Capacity	5.2	•	
	7.1	•	
	Full HD Filter	•	
Features	Smart Inverter	•	
	Good Sleep	•	

CAC

Introduction

Overview

Samsung's Single Split unit is a smart choice for conserving both running costs and energy consumption. This economical outdoor unit employs advanced technologies to minimise waste and improve efficiency. By adopting smart inverter technology. Samsung Ceiling Air Conditioner (CAC) Single not only offers silent operation but also provides outstanding cooling and heating performance.

The Samsung CAC Single air conditioner system delivers optimal comfort, efficiency and performance with features such as:

- World-class energy efficiency. Decrease energy consumption by up to 50% with a digital inverter system featuring an economical mode.
- Superior performance. Weather severe temperatures dependably and maximise comfort with wide temperature allowance.



CAC

World-class energy efficiency

Maintain Optimal Comfort and Control with Energy- and Cost-Efficient Technologies

Featuring a suite of energy-optimising technologies, Samsung CAC Single delivers top-class energy efficiency to support businesses in saving costs and the environment. Plus, CAC Single with its smart technologies fully complies with new European Union (EU) regulations for more efficient performance.



New Energy Label

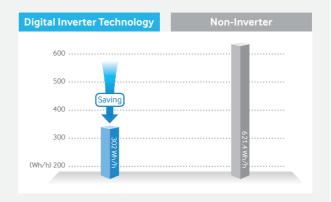
*Table 1: Introduction of revised energy consumption labelling for air conditioners as per EU Directive 2011/626/EU

Quick, Efficient Heating and Cooling

Smart inverter technology offers powerful, quick cooling and heating with minimal electricity consumption, which means real cost savings and less energy waste. The EU has established new regulations to drastically cut the power consumption of air conditioners. To further support this initiative, the EU is introducing an improved energy labeling system to provide consumers a better idea of how much electricity their units consume.

Up to 50% Less Energy Use

After reaching the set temperature, the digital inverter air conditioner changes its operation mode to economical. By avoiding inefficient and frequent switching on and off of the compressor, the digital inverter saves up to 50% in energy consumption compared to non-inverter air conditioners.

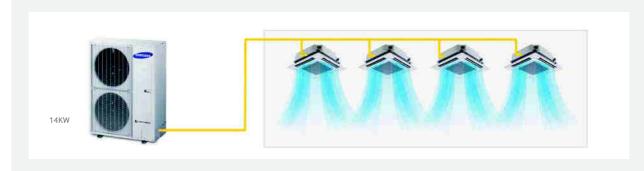


Multi-Unit Operation

Instead of connecting just one indoor unit, users can connect two, three or four indoor units with a single outdoor unit for more efficient cooling and heating. The indoor units operate and are controlled simultaneously as one cycle within the same mode via one remote controller for up to four rooms. This system is ideal for spaces requiring multiple indoor units, such as open-plan offices or shops.

Outdoor Unit Capacity	2 Rooms	3 Rooms	4 Rooms
7.1kW	3.5 + 3.5		
10kW	5.2 + 5.2		
12.5kW	6.0 + 6.0	5.2 + 5.2 + 5.2	
14kW	7.1 + 7.1	5.2 + 5.2 + 5.2	3.5 + 3.5 + 3.5 + 3.5

^{*4-}Way and Mini 4-Way CST is available.



Nordic CAC

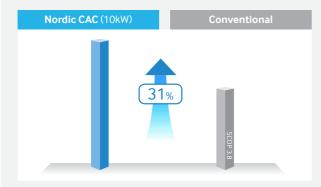
Enhanced heating performance

Ensure Supreme Comfort with Upgraded Heating and Reliable Performance

Samsung's Nordic CAC system air conditioner features enhanced efficiency, operational range and design for improved heating performance in cooler temperatures. And with its extended range, it also supports optimal cooling for comfort in warmer climates.

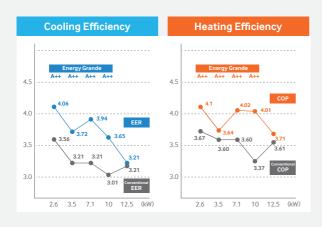
High-Performance Heating

Nordic CAC is designed to deliver high-performance heating in low temperatures, providing users comfortable, consistent warmth in frigid environments. It reinforces heating performance by a maximum of 3% at -20° C, and increases heating performance by 10-30%, depending on the temperature.



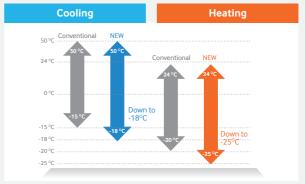
World-Class Efficiency

Nordic CAC achieves world-class efficiency to minimise energy consumption and costs. In fact, all Nordic CAC models are efficiency rated SEER A++ / SCOP A+.



Wide Range of Operation

The Nordic CAC system air conditioner not only excels in heating performance, but it also provides exceptional cooling with its expansive operating range. It offers cooling operation from -18°C to 50°C, and guaranteed heating performance from -25°C to 24°C for indoor comfort all-year-round.



Feature Upgrades

The following improvements have been made to optimise the unit's performance in frigid climates:

 Base heater. To prevent water condensation from freezing, a base heater (150 W) has been applied to the unit design.



 Cabinet grid. To prevent damage from snow drifts, the cabinet grid size has been increased, while the vertical grid size is two times larger.

CAC Single

Superior performance

Stabilise the Atmosphere with Broad Temperature Allowance and Control

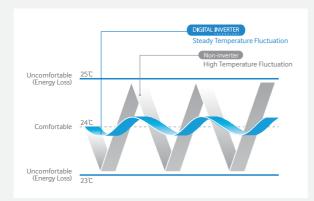
Samsung is dedicated to supporting comfortable living and working environments based on the strength of its technologies. With a single unit, CAC Single delivers reliable comfort and control over multiple areas to ensure a pleasant atmosphere in any climate.

Wide Temperature Performance

No matter how extreme the temperature, the high-performing CAC Single can handle the condition—without the need for an additional unit. Featuring a wide temperature allowance, it can cool in heat of up to 50 and provide warmth in the freezing cold of -20°C to ensure a constant and comfortable home environment.

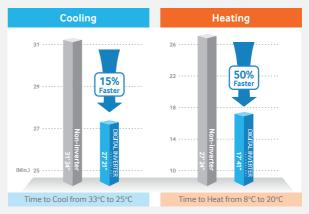
Ideal Comfort in Minutes

The CAC Single digital inverter air conditioner works at maximum capacity at startup. As soon as the temperature reaches the desired or set temperature, CAC Single performs fine adjustments to cope with any changes. This means less temperature fluctuation and ideal comfort in a matter of minutes.



Fast Cooling and Heating

When users change the temperature setting, the CAC Single uses the compressor's maximum capacity to quickly reach the desired temperature. As a result, the unit delivers 15% faster cooling and 50% faster heating for a more comfortable ambiance without the long wait.



Simultaneous, Multi-Room Control

Instead of connecting to just one indoor unit, CAC Single can connect up to four units with a single outdoor unit for more efficient cooling and heating. With one remote controller, users can simultaneously operate the indoor units in up to four rooms as one cycle within the same mode. This system is ideal for spaces requiring multiple indoor units, such as open-plan offices or shops.

Versatile Piping Installation

CAC Single outdoor units offer a selection of pipe directions. The internal pipe connection ports allow four different pipe directions, supporting a neater, more organised-looking unit upon installation.



CAC Slim 1-Way Cassette

SPECIFICATIONS AC026/35FB1DEH/EU

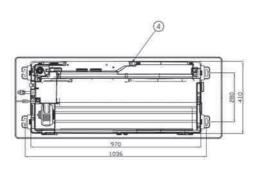


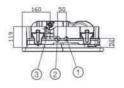
Model Code		AC026FB1DEH/EU	AC035FB1DEH/EU
Features	Туре	Slim 1-Way Cassette	Slim 1-Way Cassette
	Indoor Unit	AC026FB1DEH/EU	AC035FB1DEH/EU
Model Name	Outdoor Unit	AC026FCADEH/EU	ACO35FCADEH/EU
Control		HEAT PUMP	
System	Mode		HEAT PUMP 0.98/3.50/4.10 kW
	Cooling [kW]	0.98/2.60/3.50 kW	
Capacity	Cooling [Btu/h]	3,300/8,900/11,900 Btu/h	3,300/11,900/14,000 Btu/h
	Heating [kW]	0.95/3.30/4.60 kW	0.95/4.00/4.75 kW
	Heating [Btu/h]	3,200/11,300/15,700 Btu/h	3,200/13,600/16,200 Btu/h
Power Input (Nominal)	Cooling	0.25/0.74/1.12 kW	0.25/1.16/1.42 kW
, ,	Heating	0.21/0.91/1.30 kW	0.21/1.16/1.39 kW
Current Input (Nominal)	Cooling	1.60/3.40/5.20 A	1.60/5.40/6.60 A
Carrenempae a torrina	Heating	1.40/4.30/6.40 A	1.40/5.50/6.80 A
Power	MCA [A]	10.30 (MCA) A	10.30 (MCA) A
rowei	MFA [A]	12.50 A	12.50 A
	EER (Nominal Cooling)	3.51	3.02
	COP (Nominal Heating)	3.63	3.45
Energy Efficiency	Energy Grade (Cooling)	SEER 5.60 (A+)	SEER 5.40 (A)
	Energy Grade (Heating)	SCOP 3.80 (A)	SCOP 3.80 (A)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
Piping Connections	Gas Pipe (Φ, Initi)	3/8"	3/8"
	Installation Max. Length [m]	20 m	20 m
	Installation Max. Height [m]	15.0 m	15.0 m
Field Wiring	Power Source Wire	1.5~1.5	1.5~1.5
	Transmission Cable	0.75~1.25	0.75~1.25
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Factory Charging (kg)	0.95 kg	0.95 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	20.00 W	20.00 W
	Number of Unit (EA)	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	8.00/7.00/6.00 CMM	9.50/8.00/6.50 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	133.33/116.67/100.00	158.33/133.33/108.33
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
Drain	Drain Pipe (Φ,mm)	VP20 (OD 25,ID 20) mm	VP20 (OD 25,ID 20) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	30.0 / 27.5 / 25.0 dBA	33.0 / 30.0 / 27.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	52.0 dBA	55.0 dBA
	Net Weight (kg)	9.90 kg	9.90 kg
Fidence Discouries	Shipping Weight (kg)	12.50 kg	12.50 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	970 x 135 x 410 mm	970 x 135 x 410 mm
	Shipping Dimensions (WxHxD) (mm)	1173 x 231 x 487 mm	1173 x 231 x 487 mm
	Panel Model	PSSMA	PSSMA
	Panel Net Weight (kg)	3.10 kg	
Panal Siza	· · · · · · · · · · · · · · · · · · ·		3.10 kg
Panel Size	Shipping Weight (kg) Not Dimensions (WoldyD) (mm)	4.50 kg	4.50 kg
	Net Dimensions (WxHxD) (mm)	1180 x 25 x 460 mm	1180 x 25 x 460 mm
D 0	Shipping Dimensions (WxHxD) (mm)	1259 x 144 x 539 mm	1259 x 144 x 539 mm
Power Supply (Outdoor L		1,2,220-240,50	1,2,220-240,50
	Туре	Single BLDC Rotary	Single BLDC Rotary
	Model	UG4C090LUDJR	UG4C090LUDJR
Compressor	Output (kW)	0.86 kW	0.86 kW
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	- cc	- cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	29.00 CMM	30.00 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	483.33	500
C	Sound Pressure (Cooling / Heating) [dB(A)]	47.0 / 47.0 dBA	47.0 / 47.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	60.0 dBA	62.0 dBA
	Net Weight (kg)	33.00 kg	33.00 kg
External Dimension	Shipping Weight (kg)	37.00 kg	37.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	790 x 548 x 285 mm
	Shipping Dimensions (WxHxD) (mm)	926 x 655 x 382 mm	926 x 655 x 382 mm
	Cooling (°C)	920 x 055 x 362 mm -10~46 °C	-10~46°C
Operating Temp. Range	Heating (°C)	-10 46 ℃ -15~24 °C	-10 46 °C

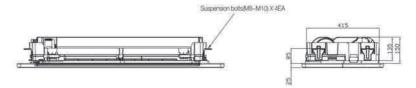
CAC Slim 1-Way Cassette

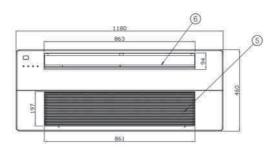
DIMENSIONAL DRAWINGS AC026/35FB1DEH/EU











No.	Name Description		iption
		2.6kW	3.5kW
1	Liquid pipe connection	Ø6.35mm (1/4") Flare
2	Gas pipe connection	Ø9.52mm (3/8") Flare
3	Drain pipe connection	VP20 (OD	26, ID 20)
4	Conduit for power supply and communication wiring		
5	Air inlet grille	-	
6	Air outlet louver	Ø1	00

CAC Mini 4-Way Cassette

SPECIFICATIONS AC026/35/52/60/71FBNDEH/EU

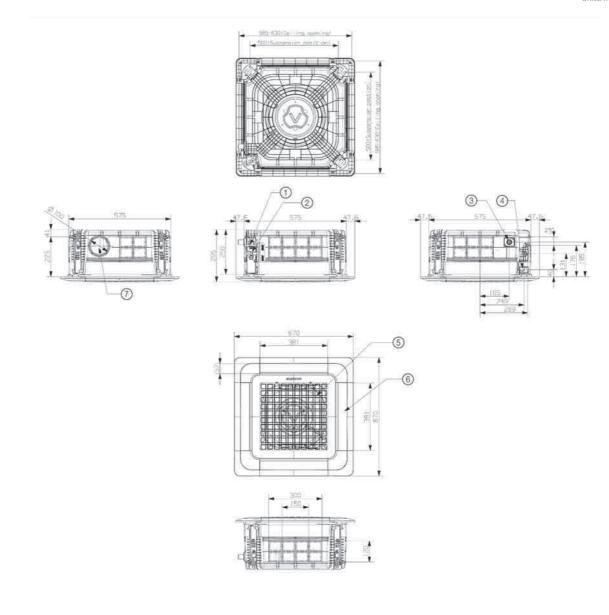


Model Code		AC026FBNDEH/EU	AC035FBNDEH/EU	AC052FBNDEH/EU	AC060FBNDEH/EU	AC071FBNDEH/EU
Features	Туре	4-Way Cassette (600 x 600)	Mini 4-Way Cassette (600 x 600)	4-Way Cassette S (600x600)	4-Way Cassette (600 x 600)	Mini 4-Way Cassette (600 x 600)
	Indoor Unit	AC026FBNDEH/EU	AC035FBNDEH/EU	AC052FBNDEH/EU	AC060FBNDEH/EU	AC071FBNDEH/EU
Model Name	Outdoor Unit	AC026FCADEH/EU	AC035FCADEH/EU	AC052FCADEH/EU	AC060FCADEH/EU	AC071FCADEH/EU
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
System	Cooling [kW]	0.99/2.60/3.50 kW	0.99/3.50/4.20	1.30/5.00/5.90 kW	1.80/5.80/6.50 kW	2.00/6.80/7.50
Capacity	Cooling [Btu/h]	3.400/8.900/11.900 Btu/h	3,400/11,900/14,300	4,400/17,100/20,100 Btu/h	6,100/19,800/22,200 Btu/h	6,800/23,200/25,600
	Heating [kW]	0.98/3.30/4.60 kW	0.98/4.00/5.00	1.30/5.50/7.50 kW	1.60/7.00/9.00 kW	1.60/7.50/10.00
	Heating [Btu/h]	3,300/11,300/15,700 Btu/h	3,300/13,600/17,100	4,400/18,800/25,600 Btu/h	5,500/23,900/30,700 Btu/h	5,500/25,600/34,100
	Cooling	0.23/0.73/1.13 kW	0.24/1.09/1.45	0.31/1.66/2.10 kW	0.38/1.81/2.60 kW	0.39/2.26/2.60
Power Input (Nominal)	Heating	0.18/0.90/1.40 kW	0.18/1.11/1.40	0.35/1.61/2.40 kW	0.35/2.18/3.60 kW	0.35/2.41/3.80
	Cooling	1.60/3.70/5.50 A	1.60/5.60/6.80	2.60/7.50/9.50 A	1.90/8.30/11.50 A	1.90/10.20/11.50
Current Input (Nominal)	Heating	1.20/4.60/6.60 A	1.20/5.70/6.70	2.90/7.50/11.00 A	1.70/10.00/17.30 A	1.70/10.70/17.60
	MCA [A]	10.30 (MCA) A	10.30 (MCA)	10.80 (MCA) A	20.30 (MCA) A	20.30 (MCA)
Power	-	12.50 A	12.50 A	13.13 A	25.00 A	25.00 A
	MFA [A]					-
	EER (Nominal Cooling)	3.56	3.21	3.01	3.20	3.01
Energy Efficiency	COP (Nominal Heating)	3.67	3.60	3.42	3.21	3.11
	Energy Grade (Cooling)	SEER 6.70 (A++)	SEER 6.50 (A++)	SEER 6.30 (A++)	SEER 6.20 (A++)	SEER 6.10 (A++)
	Energy Grade (Heating)	SCOP 4.00 (A+)	SCOP 4.00 (A+)	SCOP 3.80 (A)	SCOP 3.80 (A)	SCOP 3.80 (A)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52	12.70 mm	15.88 mm	15.88
	Gas Pipe (Φ, inch)	3/8"	3/8"	1/2"	5/8"	5/8"
	Installation Max. Length [m]	20 m	20(25)	30(35) m	50 m	50(55)
	Installation Max. Height [m]	15.0 m	15(15)	20.0(20.0) m	30.0 m	30(30)
Field Wiring	Power Source Wire	2.5	2.5	2.5	2.5	2.5
Ticid Willing	Transmission Cable	0.75 ~ 1.25	0.75~1.25	0.75 ~ 1.25	0.75~1.25	0.75~1.25
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
3	Factory Charging (kg)	0.95 kg	0.95	1.40 kg	1.80 kg	1.8
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	65.00 W	65.00 W	65.00 W	65.00 W	65.00 W
	Number of Unit (EA)	1.00 EA	1.00 EA	1.00 EA	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	8.50/7.50/6.50 CMM	9.50/8.00/6.50	12.00/10.50/9.00 CMM	11.00/10.00/9.00 CMM	11.50/10.50/9.50
	Air Flow Rate (High / Mid / Low) [L/S]	141.67/125.00/108.33	158.33/133.33/108.33	200.00/175.00/150.00	183.33/166.67/150.00	191.67/175.00/158.33
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	-	- mmAg	- mmAq	-
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	-	- Pa	- Pa	-
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25)
	Sound Pressure (High / Mid / Low) [dB(A)]	33.0 / 31.0 / 27.0 dBA	35.00/33.0/29.0	39.0 / 37.0 / 34.0 dBA	41.0 / 38.0 / 35.0 dBA	42.00/40.0/36.0
Sound	Sound Power (Cooling) [dB(A)]	48.0 dBA	50.0 dBA	53.0 dBA	56.0 dBA	58.0 dBA
	Net Weight (kg)	11.00 kg	11.00 kg	11.70 kg	12.00 kg	12.00 kg
Future I Discussion	Shipping Weight (kg)	13.00 kg	13.00 kg	13.70 kg	14.00 kg	14.00 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	575 x 250 x 575 mm	575 x 250 x 575	575 x 250 x 575 mm	575 x 250 x 575 mm	575 x 250 x 575
	Shipping Dimensions (WxHxD) (mm)	623 x 298 x 653 mm	623 x 298 x 653	623 x 298 x 653 mm	623 x 298 x 653 mm	623 x 298 x 653
	Panel Model	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
	Panel Net Weight (kg)	2.70 kg	2.70 kg	2.70 kg	2.70 kg	2.70 kg
Panel Size	Shipping Weight (kg)	4.20 kg	4.20 kg	4.20 kg	4.20 kg	4.20 kg
TOTAL SIZE	Net Dimensions (WxHxD) (mm)	4.20 kg 670 x 45 x 670 mm	4.20 kg 670 x 45 x 670	4.20 kg 670 x 45 x 670 mm	4.20 kg 670 x 45 x 670 mm	4.20 kg 670 x 45 x 670
	Shipping Dimensions (WxHxD) (mm)	714 x 106 x 724 mm	714 x 106 x 724	714 x 106 x 724 mm	714 x 106 x 724 mm	714 x 106 x 724
Downer Cumple (October 1)			1,2,220-240,50			
Power Supply (Outdoor U		1,2,220-240,50		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary UG4T200FUAE4SG
	Model	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQ	UG4T200FUAE4SG	
Compressor	Output(kW)	0.86 kW	0.86	1.37 kW	1.79 kW	1.79
	Oil (Type)	POE	POE	POE	POE	POE
	Oil (Initial Charge) [cc]	- CC	320.00 cc	650.00 cc	- cc	650.00 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	29.00 CMM	30.00 CMM	33.00 CMM	50.00 CMM	52.00 CMM
	Air Flow Rate (Cooling) [L/S]	483.33	500.00	550.00	833.33	866.67
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	46.0 / 47.0 dBA	47.0 / 48.0	48.0 / 49.0 dBA	49.0 / 50.0 dBA	49.0 / 51.0
222.4 (044000) 01110	Sound Power (Cooling) [dB(A)]	60.0 dBA	62.0 dBA	64.0 dBA	64.0 dBA	66.0 dBA
	Net Weight(kg)	33.00 kg	33.00 kg	38.50 kg	55.00 kg	55.00 kg
F ID:	Shipping Weight (kg)	37.00 kg	37.00 kg	42.50 kg	59.00 kg	59.00 kg
External Dimension	Snipping weight (kg)					
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	790 x 548 x 285	790 x 548 x 285 mm	880 x 798 x 310 mm	880 x 798 x 310
External Dimension (Outdoor Unit)			790 x 548 x 285 926 x 655 x 382	790 x 548 x 285 mm 926 x 655 x 382 mm	880 x 798 x 310 mm 1023 x 891 x 413 mm	880 x 798 x 310 1023 x 891 x 413
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm				

CAC Mini 4-Way Cassette

DIMENSIONAL DRAWINGS ACO26/35/52/60/71FBNDEH/EU





No.	Name	Description				
		2.6kW	3.5kW	5.2kW	6.0kW	7.1kW
1	Liquid pipe connection			Ø6.35mm (1/4") Flare		
2	Gas pipe connection	Ø9.52mm (3/8") Flare Ø12.70mm (1/2") Flare Ø15.88mm (5/8") Flare			(5/8") Flare	
3	Drain pipe connection	VP25 (OD 32, ID 25)				
4	Conduit for power supply and communication wiring					
5	Air inlet grille					
6	Air outlet louver					
7	Fresh air intake	Ø100				

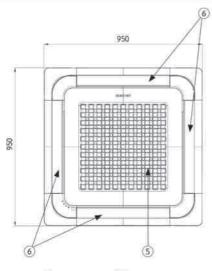
SPECIFICATIONS AC052/71/90/100FB4DEH/EU

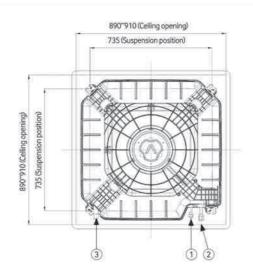


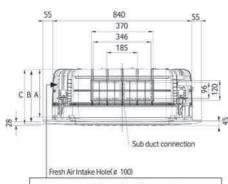
Model Code		AC052FB4DEH/EU	AC071FB4DEH/EU	AC090FB4DEH/EU	AC100FB4DEH/EU
Features	Туре	4-Way Cassette S	4-Way Cassette S	4-Way Cassette S	4-Way Cassette S
	Indoor Unit	AC052FB4DEH/EU	AC071FB4DEH/EU	AC090FB4DEH/EU	AC100FB4DEH/EU
Model Name	Outdoor Unit	AC052FCADEH/EU	AC071FCADEH/EU	AC090FCADEH/EU	AC100FCADEH/EU
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
-,	Cooling [kW]	1.00/5.10/6.00 kW	2.20/7.10/8.00 kW	3.00/9.00/10.00 kW	3.20/10.00/12.00 kW
	Cooling [Btu/h]	3,400/17,400/20,500 Btu/h	7,500/24,200/27,300 Btu/h	10,200/30,700/34,100 Btu/h	10,900/34,100/40,900 Btu/h
Capacity	Heating [kW]	1.00/5.70/7.00 kW	1.90/8.00/9.00 kW	2.20/10.00/13.90 kW	2.20/11.20/15.50 kW
	Heating [Btu/h]	3,400/19,400/23,900 Btu/h	6,500/27,300/30,700 Btu/h	7,500/34,100/47,400 Btu/h	7,500/38,200/52,900 Btu/h
	Cooling	0.33/1.54/2.10 kW	0.35/2.21/4.00 kW	0.60/2.99/3.70 kW	0.60/3.32/4.70 kW
Power Input (Nominal)		0.25/1.46/1.90 kW	0.35/2.22/4.00 kW	0.46/2.93/5.20 kW	0.50/3.32/5.20 kW
	Heating		2.00/10.00/21.00 A		
Current Input (Nominal)	Cooling	1.50/7.20/9.20 A		3.00/12.70/18.70 A	3.00/15.10/20.50 A
	Heating	1.50/7.00/8.60 A	2.00/10.00/21.00 A	2.50/12.50/22.70 A	2.60/14.60/24.00 A
Power	MCA [A]	10.80 (MCA) A	20.30 (MCA) A	24.70 (MCA) A	24.70 (MCA) A
	MFA [A]	13.13 A	25.00 A	30.00 A	30.00 A
	EER (Nominal Cooling)	3.31	3.21	3.01	3.01
Energy Efficiency	COP (Nominal Heating)	3.9	3.6	3.41	3.37
Energy Efficiency	Energy Grade (Cooling)	SEER 6.4(A++)	SEER 6.0(A+)	SEER 5.6(A+)	SEER 5.6(A+)
	Energy Grade (Heating)	SCOP 4.0(A+)	SCOP 3.9(A)	SCOP 3.8(A)	SCOP 3.8(A)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	3/8"	3/8"
D: : 0	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm	15.88 mm	15.88 mm
Piping Connections	Gas Pipe (Φ, inch)	1/2"	5/8"	5/8"	5/8"
	Installation Max. Length [m]	30(35) m	50 m	50 m	50 m
	Installation Max. Height [m]	20.0(20.0) m	30.0 m	30.0 m	30.0 m
	Power Source Wire	2.5 ~ 4.0	2.5~4.0	2.5 ~ 4.0	2.5~4.0
Field Wiring	Transmission Cable	0.75~1.0	0.75~1.0	0.75~1.25	0.75~1.25
	Type	R410A (Fluorinated greenhouse gas)			
Refrigerant	Factory Charging (kg)	1.40 kg	1.80 kg	3.00 kg	3.00 kg
D C 1 (1 1 11					
Power Supply (Indoor Un		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	- W	- W	- W	- W
	Number of Unit (EA)	1.00 EA	1.00 EA	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	17.00/15.50/13.00 CMM	19.50/16.50/14.50 CMM	24.50/21.00/17.50 CMM	28.00/25.50/22.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	283.33/258.33/216.67	325.00/275.00/241.67	408.33/350.00/291.67	466.67/425.00/366.67
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa	- Pa	- Pa
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm			
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	35.0 / 32.0 / 29.0 dBA	37.0 / 35.0 / 30.0 dBA	40.0 / 36.0 / 32.0 dBA	44.0 / 39.0 / 34.0 dBA
Souria	Sound Power (Cooling) [dB(A)]	51.0 dBA	53.0 dBA	57.0 dBA	58.0 dBA
	Net Weight (kg)	15.50 kg	15.00 kg	16.00 kg	16.00 kg
External Dimension	Shipping Weight (kg)	19.50 kg	20.00 kg	20.50 kg	20.50 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	840 x 204 x 840 mm	840 x 204 x 840 mm	840 x 246 x 840 mm	840 x 246 x 840 mm
	Shipping Dimensions (WxHxD) (mm)	898 x 275 x 898 mm	898 x 274 x 898 mm	898 x 316 x 898 mm	898 x 316 x 898 mm
	Panel Model	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Panel Net Weight (kg)	5.90 kg	5.90 kg	5.90 kg	5.90 kg
Panel Size	Shipping Weight (kg)	8.40 kg	8.40 kg	8.40 kg	8.40 kg
	Net Dimensions (WxHxD) (mm)	950 x 45 x 950 mm			
	Shipping Dimensions (WxHxD) (mm)	1005 x 100 x 1005 mm			
Power Supply (Outdoor L		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Tower Supply (Outdoor L					
	Type	Single BLDC Rotary UG4C090LUDJR	Twin BLDC Rotary UG4T200FUAE4SG	Twin BLDC Rotary	Twin BLDC Rotary UG8T300FUBJUSG
C	Model			UG8T300FUBJUSG	
Compressor	Output (kW)	0.86 kW	1.79 kW	2.82 kW	2.82 kW
	Oil (Type)	POE	POE	POE	POE
	Oil (Initial Charge) [cc]	- cc	- cc	- cc	- cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	29.00 CMM	50.00 CMM	63.50 CMM	68.00 CMM
	Air Flow Rate (Cooling) [L/S]	550.00	833.33	1,058.33	1,133.33
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	47.0 / 47.0 dBA	49.0 / 51.0 dBA	51.0 / 52.0 dBA	52.0 / 54.0 dBA
Souria (Gatagori Grill)	Sound Power (Cooling) [dB(A)]	60.0 dBA	67.0 dBA	68.0 dBA	69.0 dBA
	Net Weight (kg)	33.00 kg	55.00 kg	72.00 kg	72.00 kg
			59.00 kg	77.00 kg	77.00 kg
External Dimension	Shipping Weight (kg)	37.00 kg	39.00 kg		
External Dimension (Outdoor Unit)	Shipping Weight (kg) Net Dimensions (WxHxD) (mm)	37.00 kg 790 x 548 x 285 mm	880 x 798 x 310 mm	940 x 998 x 330 mm	940 x 998 x 330 mm
External Dimension (Outdoor Unit)			-	-	940 x 998 x 330 mm 995 x 1096 x 426 mm
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	880 x 798 x 310 mm	940 x 998 x 330 mm	

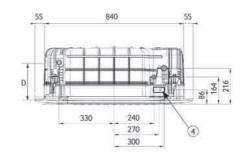
DIMENSIONAL DRAWINGS AC052/71/90/100FB4DEH/EU

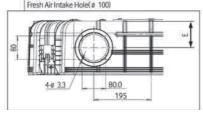












No.	Name	Description			
		7.1kW	9.0/10.0/12.5/14.0kW		
1	Liquid pipe connection	Ø6.35mm (1/4") Flare	Ø9.52mm (3/8") Flare		
2	Gas pipe connection	Ø15.88mm (5/8") Flare			
3	Drain pipe connection	VP25 (OD 32, ID 25)			
4	Conduit for power supply and communication wiring	-			
5	Air inlet grille	-			
6	Air outlet louver	-			

		Description			
		071D	*071P*, *090/100D*	*090/100P*, *125/140D(P)*, *100Z*	
Α	mm	204	246	288	
В	mm	225	267	309	
С	mm	253	295	337	
D	mm	190	215	215	

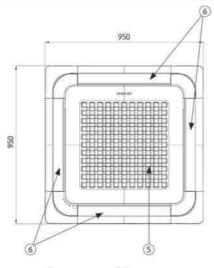
SPECIFICATIONS
NS1254/1404DXEA

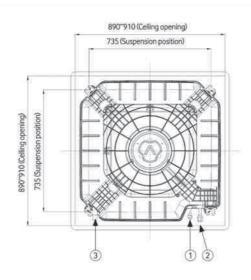


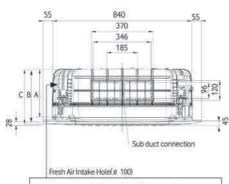
Model Code		NS1254DXEA	NS1404DXEA
Features	Туре	4-Way Cassette S	4-Way Cassette S
reatures	Indoor Unit	NS1254DXEA	NS1404DXEA
Model Name	Outdoor Unit	RC125DHXEB	RC140DHXEB
System	Mode	HEAT PUMP	HEAT PUMP
System	Cooling [kW]	3.50/12.50/14.00 kW	3.50/14.00/15.50 kW
	Cooling [Btu/h]	11,900/42,700/47,800 Btu/h	11,900/47,800/52,900 Btu/h
Capacity		3.00/14.00/16.20 kW	3.50/16.00/18.00 kW
	Heating [kW]		
	Heating [Btu/h]	10,200/47,800/55,300 Btu/h	11,900/54,600/61,400 Btu/h
Power Input (Nominal)	Cooling	0.80/3.89/4.50 kW 0.81/3.88/4.88 kW	0.80/4.36/5.40 kW 0.70/4.43/6.16 kW
	Heating		3.70/20.00/24.00 A
Current Input (Nominal)	Cooling	4.00/18.00/20.00 A	
	Heating	3.50/18.00/24.00 A	3.50/20.00/24.00 A
Power	MCA [A]	25.00 (MCA) A	25.00 (MCA) A
	MFA [A]	30.00 A	30.00 A
	EER (Nominal Cooling)	3.21	3.21
Energy Efficiency	COP (Nominal Heating)	3.61	3.61
	Energy Grade (Cooling)	Energy Grade (C) A	Energy Grade (C) A
	Energy Grade (Heating)	Energy Grade (H) A	Energy Grade (H) A
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm
, 2 - 2	Gas Pipe (Φ, inch)	5/8"	5/8"
	Installation Max. Length [m]	75(75) m	75(75) m
	Installation Max. Height [m]	30.0(30.0) m	30.0(30.0) m
Field Wiring	Power Source Wire	2.5~4.0	2.5~4.0
Field Wiring	Transmission Cable	0.75~1.25	0.75~1.25
D.C.	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	2.90 kg	3.40 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Turbo Fan	Turbo Fan
	Motor (Output) [W]	- W	- W
	Number of Unit (EA)	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	30.00/24.00/19.00 CMM	32.00/28.00/22.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	500.00/400.00/316.67	533.33/466.67/366.67
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	44.0 / 40.0 / 36.0 dBA	45.0 / 41.5 / 38.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	- dBA	- dBA
	Net Weight (kg)	18.00 kg	20.00 kg
Estant Discouries	Shipping Weight (kg)	23.00 kg	25.00 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	840 x 288 x 840 mm	840 x 288 x 840 mm
	Shipping Dimensions (WxHxD) (mm)	898 x 357 x 898 mm	898 x 357 x 898 mm
	Panel Model	PC4NUSKE	PC4NUSKE
	Panel Net Weight (kg)	5.90 kg	5.90 kg
Panel Size	Shipping Weight (kg)	8.40 kg	8.40 kg
. I.I.O. OILO	Net Dimensions (WxHxD) (mm)	950 x 45 x 950 mm	950 x 45 x 950 mm
	Shipping Dimensions (WxHxD) (mm)	1005 x 100 x 1005 mm	1005 x 100 x 1005 mm
Power Supply (Outdoor L		1,2,220-240,50	1,2,220-240,50
. Ower Supply (Outdoor C		Twin BLDC Rotary	Twin BLDC Rotary
	Type Model	UG5T450FUEJXSG	UG5T450FUEJXSG
Compressor	Output (kW)	4.12 kW	4.12 kW
Compressor			4.12 KW
	Oil (Type)	POE 1700 00	
	Oil (Initial Charge) [cc]	1700.00 cc 90.50 CMM	1700.00 cc 90.50 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]		
	Air Flow Rate (Cooling) [L/S]	1,508.33	1,508.33
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	51.0 / 52.0 dBA	52.0 / 54.0 dBA
	Sound Power (Cooling) [dB(A)]	- dBA	- dBA
	Net Weight (kg)	88.00 kg	88.00 kg
External Dimension	Shipping Weight (kg)	98.00 kg	98.00 kg
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1210 x 330 mm	940 x 1210 x 330 mm
(Outdoor Unit)			
(Outdoor Unit)	Shipping Dimensions (WxHxD) (mm)	995 x 1388 x 426 mm	995 x 1388 x 426 mm
Operating Temp. Range	Shipping Dimensions (WxHxD) (mm) Cooling (°C) Heating (°C)	995 x 1388 x 426 mm -15~50 °C -20~24 °C	995 x 1388 x 426 mm -15 ~ 50 °C -20 ~ 24 °C

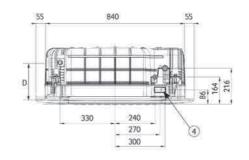
DIMENSIONAL DRAWINGS NS1254/1404DXEA

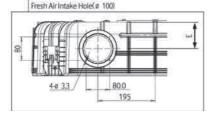












No.	Name	Description		
		7.1kW	9.0/10.0/12.5/14.0kW	
1	Liquid pipe connection	Ø6.35mm (1/4") Flare	Ø9.52mm (3/8") Flare	
2	Gas pipe connection	Ø15.88mm (5/8") Flare		
3	Drain pipe connection	VP25 (OD 32, ID 25)		
4	Conduit for power supply and communication wiring	-		
5	Air inlet grille	-		
6	Air outlet louver	-		

		Description		
		071D	*071P*, *090/100D*	*090/100P*, *125/140D(P)*, *100Z*
А	mm	204	246	288
В	mm	225	267	309
С	mm	253	295	337
D	mm	190	215	215

CAC Slim Duct

SPECIFICATIONS AC026/35HBLDKH/EU

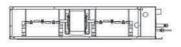


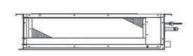
Model Code		AC026HBLDKH/EU	AC035HBLDKH/EU	
Features	Туре	Duct S (LSP)	Duct S (LSP)	
	Indoor Unit	AC026HBLDKH/EU	AC035HBLDKH/EU	
Model Name	Outdoor Unit	AC026HCADKH/EU	AC035HCADKH/EU	
System	Mode	HEAT PUMP	HEAT PUMP	
	Cooling [kW]	0.95/2.60/3.50 kW	0.98/3.50/4.10 kW	
	Cooling [Btu/h]	3,200/8,900/11,900 Btu/h	3,300/11,900/14,000 Btu/h	
Capacity	Heating [kW]	0.95/3.30/4.30 kW	0.99/4.00/5.00 kW	
	Heating [Btu/h]	3,200/11,900/14,700 Btu/h	3,300/13,600/17,100 Btu/h	
	Cooling	0.29/0.70/1.17 kW	0.33/1.15/1.35 kW	
Power Input (Nominal)	Heating	0.20/0.87/1.30 kW	0.24/1.18/1.50 kW	
	Cooling	1.80/3.40/5.40 A	2.10/5.30/6.20 A	
Current Input (Nominal)	Heating	1.3/4.1/6.8 A	1.60/5.40/6.80 A	
	MCA [A]	10.00 (MCA) A	10.00 (MCA) A	
Power	MFA [A]	11.0 A	11.0 A	
	EER (Nominal Cooling)	3.71	3.04	
	COP (Nominal Heating)	3.79	3.39	
Energy Efficiency	Energy Grade (Cooling)	SEER 6.3 (A++)	SEER 6.1 (A++)	
	Energy Grade (Heating)	SCOP 3.8 (A)	SCOP 3.8 (A)	
	Liquid Pipe (Ф, mm)	6.35 mm	6.35 mm	
	Liquid Pipe (Ф, Infil) Liquid Pipe (Ф, Inch)	0.35 mm 1/4"	1/4"	
	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm	
Piping Connections	Gas Pipe (Φ, Initi)	3/8"	3/8"	
	Installation Max. Length [m]	20(25) m	20(25) m	
	Installation Max. Length [m]	20(25) III 15.0(15.0) m	15.0(15.0) m	
Field Wiring	Power Source Wire	2.5	2.5	
	Transmission Cable	0.75~1.25	0.75~1.25	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
	Factory Charging (kg)	0.9 kg	0.90 kg	
Power Supply (Indoor Un		1,2,220-240,50	1,2,220-240,50	
	Туре	Sirocco Fan (BLDC)	Sirocco Fan (BLDC)	
	Motor (Output) [W]	153.00 W	153.00 W	
	Number of Unit (EA)	2 EA	2 EA	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	8.00/6.50/4.90 CMM	9.20/7.40/5.80 CMM	
	Air Flow Rate (High / Mid / Low) [L/S]	133.3/108.3/81.7	153.3/123.3/96.7	
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.50/4.00 mmAq	0.00/2.50/4.00 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	0.00/24.52/39.23 Pa	0.00/24.52/39.23 Pa	
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP20(OD26, ID20) mm	
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	33.0 / 30.0 / 27.0 dBA	33.0 / 30.0 / 27.0 dBA	
	Sound Power (Cooling) [dB(A)]	53.0 dBA	53.0 dBA	
	Net Weight (kg)	20.0 kg	20.0 kg	
External Dimension	Shipping Weight (kg)	24.0 kg	24.0 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	700 x 199 x 600 mm	700 x 199 x 600 mm	
	Shipping Dimensions (WxHxD) (mm)	950 x 280 x 710 mm	950 x 280 x 710 mm	
Additional Accessories	Drain Pump	MDP-E075SEE3D	MDP-E075SEE3D	
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	
	Туре	Single BLDC Rotary	Single BLDC Rotary	
	Model	UG9A090FUAER	UG9A090FUAER	
Compressor	Output (kW)	0.84 kW	0.84 kW	
	Oil (Type)	POE	POE	
	Oil (Initial Charge) [cc]	320 cc	320 cc	
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	37 CMM	37 CMM	
	Air Flow Rate (Cooling) [L/S]	616.7	616.7	
6 1/0 (1 11 11	Sound Pressure (Cooling / Heating) [dB(A)]	46.0 / 47.0 dBA	47.0 / 47.0 dBA	
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	63.0 dBA	63.0 dBA	
	Net Weight (kg)	29.5 kg	29.5 kg	
External Dimension	Shipping Weight (kg)	32.0 kg	32.0 kg	
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 548 x 265 mm	720 x 548 x 265 mm	
		844 x 622 x 353 mm	844 x 622 x 353 mm	
	Shipping Dimensions (WxHxD) (mm)			
Operating Temp. Range	Shipping Dimensions (WxHxD) (mm) Cooling (°C)	-15~52°C	-15~52 °C	

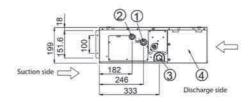
CAC Slim Duct

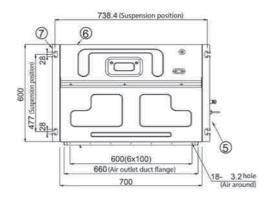
DIMENSIONAL DRAWINGS ACO26/35HBLDKH/EU











No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain
4	Power and communication wiring conduits
5	Refrigerant pipe conduits
6	Return air flange
7	Hook

CAC Slim Duct S

SPECIFICATIONS AC052/71HBLDKH/EU

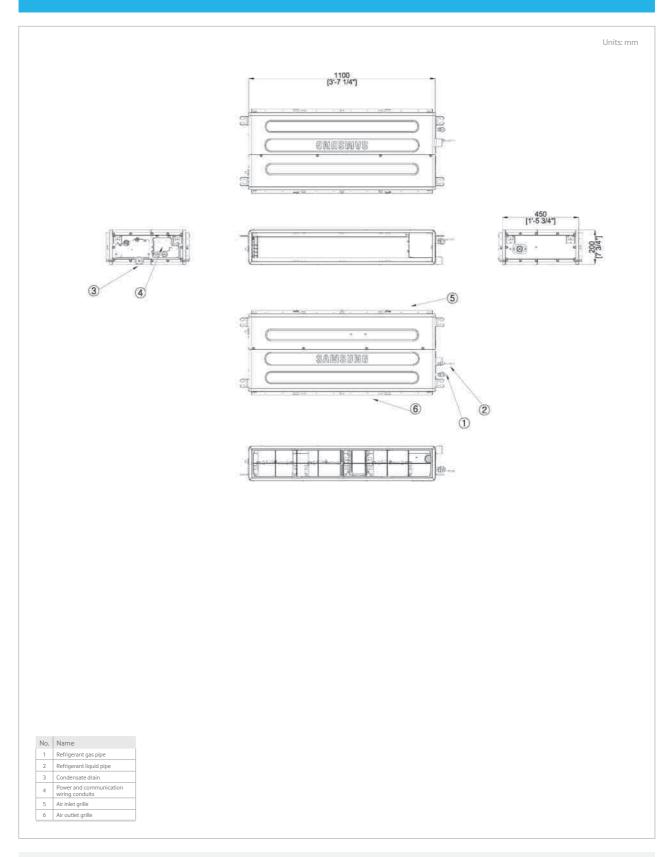


Model Code		AC052HBLDKH/EU	AC071HBLDKH/EU
Features	Туре	Duct S (LSP)	Duct S (LSP)
reatures	Indoor Unit	AC052HBLDKH/EU	AC071HBLDKH/EU
Model Name	Outdoor Unit	AC052HGBDKW E0	ACO71HCADKH/EU
Contract	Mode	HEAT PUMP	HEAT PUMP
System	Cooling [kW]	1.20/5.00/6.00 kW	2.00/7.10/8.00 kW
Capacity	Cooling [Btu/h]	4,100/17,100/20,500 Btu/h	6,800/24,200/27,300 Btu/h
	Heating [kW]	1.10/6.00/7.20 kW	1.50/8.00/9.00 kW
	Heating [Btu/h]	3,800/20,500/24,600 Btu/h	5,100/27,300/30,700 Btu/h
Power Input (Nominal)	Cooling	0.35/1.56/2.20 kW	0.47/2.21/3.00 kW
	Heating	0.26/1.66/2.70 kW	0.36/2.30/3.50 kW
Current Input (Nominal)	Cooling	2.10/7.20/10.00 A	2.80/9.80/13.30 A
Carrenempae a torrinal	Heating	1.70/7.50/12.00 A	2.20/10.20/15.50 A
Power	MCA [A]	22.00 (MCA) A	22.00 (MCA) A
rowei	MFA [A]	25.00 A	25.00 A
	EER (Nominal Cooling)	3.21	3.21
	COP (Nominal Heating)	3.61	3.48
Energy Efficiency	Energy Grade (Cooling)	SEER 6.1 (A++)	SEER 5.9 (A+)
	Energy Grade (Heating)	SCOP 3.8 (A)	SCOP 4.0 (A+)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm
Piping Connections	Gas Pipe (Φ, Initi)	1/2"	5/8"
		30(35) m	50(55) m
	Installation Max. Length [m]	20.0(20.0) m	30.0(30.0) m
	Installation Max. Height [m]		
Field Wiring	Power Source Wire	2.5	2.5
	Transmission Cable	0.75~1.25	0.75~1.25
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Factory Charging (kg)	1.30 kg	1.50 kg
Power Supply (Indoor Uni	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Sirocco Fan (BLDC)	Sirocco Fan (BLDC)
	Motor (Output) [W]	153.00 W	153.00 W
	Number of Unit (EA)	3.00 EA	3.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	15.00/12.00/9.00 CMM	20.00/15.00/10.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	250.00/200.00/150.00	333.33/250.00/166.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/3.00/4.00 mmAq	0.00/3.00/4.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/29.42/39.23 Pa	0.00/29.42/39.23 Pa
Drain	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	33.0 / 30.0 / 27.0 dBA	37.0 / 34.0 / 31.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	55.0 dBA	59.0 dBA
	Net Weight (kg)	22.50 kg	22.50 kg
External Dimension	Shipping Weight (kg)	26.00 kg	26.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1100 x 200 x 450 mm	1100 x 200 x 450 mm
	Shipping Dimensions (WxHxD) (mm)	1350 x 270 x 530 mm	1350 x 270 x 530 mm
Additional Accessories	Drain Pump	MDP-G075SP	MDP-G075SP
Power Supply (Outdoor U		1,2,220-240,50	1,2,220-240,50
Power Supply (Outdoor O			
	Type	Twin BLDC Rotary	Twin BLDC Rotary
•	Model	UG4T150LNBEQ	UG4T200LNFE4
Compressor	Output (kW)	1.42 kW	1.85 kW
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	500 cc	700 cc
Fan (Outdoor Unit) Sound (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	44.00 CMM	54.00 CMM
	Air Flow Rate (Cooling) [L/S]	733.33	900
	Sound Pressure (Cooling / Heating) [dB(A)]	48.0 / 48.0 dBA	49.0 / 51.0 dBA
	Sound Power (Cooling) [dB(A)]	63.0 dBA	65.0 dBA
	Net Weight (kg)	45.00 kg	55.00 kg
External Dimension	Shipping Weight (kg)	48.00 kg	59.00 kg
External Dimension		880 x 638 x 310 mm	880 x 798 x 310 mm
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	000 x 000 x 0 10 11111	000 x 7 7 0 X 0 10 11111
(Outdoor Unit)	Net Dimensions (WxHxD) (mm) Shipping Dimensions (WxHxD) (mm)	1024 x 750 x 414 mm	1023 x 891 x 413 mm
(Outdoor Unit) Operating Temp. Range			

CAC Slim Duct S

DIMENSIONAL DRAWINGS AC052/71HBLDKH/EU





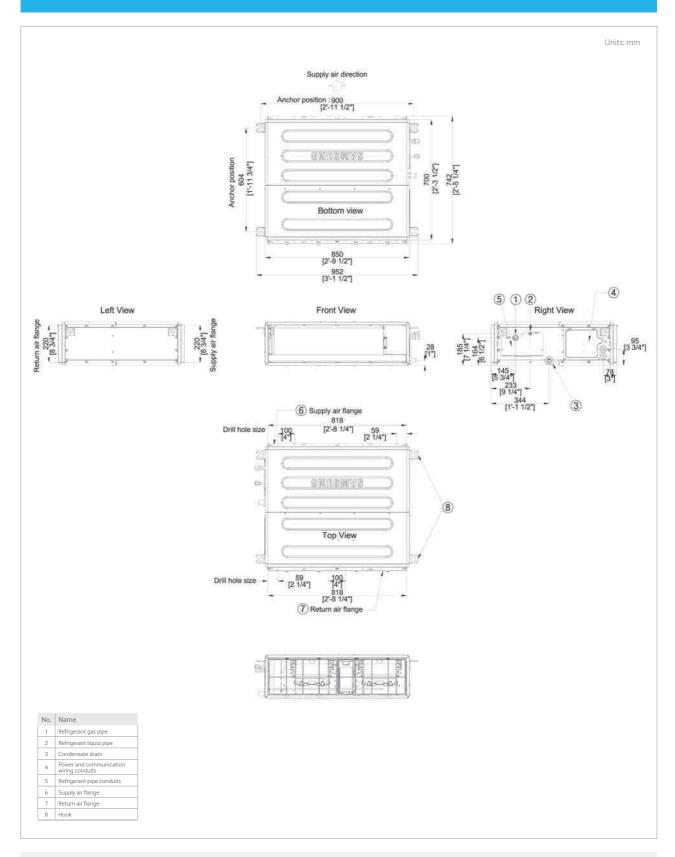
SPECIFICATIONS ACO35/52/60/71HBMDKH/EU



Model Code		AC035HBMDKH/EU	AC052HBMDKH/EU	AC060HBMDKH/EU	AC071HBMDKH/EU
Features	Туре	DUCT S (MSP)	DUCT S (MSP)	DUCT S (MSP)	Duct S (MSP)
	Indoor Unit	AC035HBMDKH/EU	AC052HBMDKH/EU	AC060HBMDKH/EU	AC071HBMDKH/EU
Model Name	Outdoor Unit	AC035HCADKH/EU	AC052HCADKH/EU	AC060HCADKH/EU	AC071HCADKH/EU
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
-,	Cooling [kW]	1.10/3.50/4.00 kW	1.20/5.00/6.00 kW	1.80/6.00/7.50 kW	2.00/7.10/8.00 kW
	Cooling [Btu/h]	3,800/11,900/13,600 Btu/h	4,100/17,100/20,500 Btu/h	6,100/20,500/25,600 Btu/h	6,800/24,200/27,300 Btu/h
Capacity	Heating [kW]	1.10/4.00/4.60 kW	1.10/6.00/7.20 kW	1.50/7.00/8.50 kW	1.50/8.00/9.00 kW
	Heating [Btu/h]	3.800/13.600/15.700 Btu/h	3.800/20.500/24.600 Btu/h	5,100/23,900/29,000 Btu/h	5.100/27.300/30.700 Btu/h
	Cooling	0.30/1.10/1.50 kW	0.35/1.56/2.20 kW	0.43/1.76/2.70 kW	0.47/2.21/3.00 kW
Power Input (Nominal)	Heating	0.25/1.02/1.50 kW	0.26/1.66/2.70 kW	0.38/1.89/3.30 kW	0.36/2.30/3.50 kW
	Cooling	2.10/5.10/6.80 A	2.10/7.20/10.00 A	2.60/7.90/12.00 A	2.80/9.80/13.30 A
Current Input (Nominal)	Heating	1.60/4.70/6.80 A	1.70/7.50/12.00 A	2.30/8.40/14.00 A	2.20/10.20/15.50 A
	MCA [A]	18.70 (MCA) A	22.70 (MCA) A	22.70 (MCA) A	22.70 (MCA) A
Power	MFA [A]	20.60 A	25.00 A	22.70 (MCA) A 25.00 A	25.00 A
	EER (Nominal Cooling)	3.18	3.21	3.41	3.21
Energy Efficiency	COP (Nominal Heating)	3.92	3.61	3.7	3.48
	Energy Grade (Cooling)	SEER 5.4 (A)	SEER 6.1 (A++)	SEER 6.1 (A++)	SEER 5.9 (A+)
	Energy Grade (Heating)	SCOP 3.8 (A)	SCOP 3.8 (A)	SCOP 4.0 (A+)	SCOP 4.0 (A+)
	Liquid Pipe (Ф, mm)	6.35 mm	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Ф, inch)	1/4""	1/4""	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	12.70 mm	15.88 mm	15.88 mm
r iping connections	Gas Pipe (Φ, inch)	3/8***	1/2""	5/8"	5/8"
	Installation Max. Length [m]	20(25) m	30(35) m	50(55) m	50(55) m
	Installation Max. Height [m]	15.0(15.0) m	20.0(20.0) m	30.0(30.0) m	30.0(30.0) m
Field Wiring	Power Source Wire	2.5	2.5	2.5	2.5
rieid Willing	Transmission Cable	0.75 ~ 1.25	0.75~1.25	0.75 ~ 1.25	0.75~1.25
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Reifigerant	Factory Charging (kg)	0.90 kg	1.30 kg	1.50 kg	1.50 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Sirocco Fan	Sirocco Fan	Sirocco Fan (BLDC)	Sirocco Fan (BLDC)
	Motor (Output) [W]	153.00 W	153.00 W	153.00 W	153.00 W
	Number of Unit (EA)	2.00 EA	2.00 EA	2.00 EA	2.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	12.00/9.50/8.00 CMM	16.00/13.50/11.00 CMM	21.00/18.00/15.00 CMM	22.00/19.00/16.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	200.00/158.33/133.33	266.67/225.00/183.33	350.00/300.00/250.00	366.67/316.67/266.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.50/15.00 mmAg	0.00/3.00/15.00 mmAq	0.00/3.00/15.00 mmAq	0.00/3.00/15.00 mmAg
	External Static Pressure (Min / Std / Max) [Pa]	0.00/24.52/147.10 Pa	0.00/29.42/147.10 Pa	0.00/29.42/147.10 Pa	0.00/29.42/147.10 Pa
Drain	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	32.0 / 29.0 / 26.0 dBA	33.0 / 30.0 / 27.0 dBA	37.0 / 33.0 / 29.0 dBA	37.0 / 33.0 / 29.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	52.0 dBA	53.0 dBA	57.0 dBA	57.0 dBA
	Net Weight (kg)	24.50 kg	24.50 kg	24.50 kg	24.50 kg
E	Shipping Weight (kg)	28.50 kg	28.50 kg	28.50 kg	28.50 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	850 x 250 x 700 mm	850 x 250 x 700 mm	850 x 250 x 700 mm	850 x 250 x 700 mm
	Shipping Dimensions (WxHxD) (mm)	1100 x 320 x 780 mm	1100 x 320 x 780 mm	1100 x 320 x 780 mm	1100 x 320 x 780 mm
Additional Accessories	Drain Pump	MDP-G075SP	MDP-E075SP	MDP-G075SP	MDP-G075SP
Power Supply (Outdoor U		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Power Supply (Outdoor C					
	Type	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	UG9A090FUAER	UG4T150LNBEQ	UG4T200LNFE4	UG4T200LNFE4
Compressor	Output (kW)	- kW	- kW	1.85 kW	1.85 kW
	Oil (Type)	-	-	POE	POE
	Oil (Initial Charge) [cc]	- cc	- cc	700.00 cc	700.00 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	37.00 CMM	44.00 CMM	52.00 CMM	54.00 CMM
Sound (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	616.67	733.33	866.67	900
	Sound Pressure (Cooling / Heating) [dB(A)]	47.0 / 47.0 dBA	48.0 / 48.0 dBA	49.0 / 50.0 dBA	49.0 / 51.0 dBA
	Sound Power (Cooling) [dB(A)]	63.0 dBA	63.0 dBA	64.0 dBA	65.0 dBA
	Net Weight (kg)	29.50 kg	45.00 kg	55.00 kg	55.00 kg
External Dimension	Shipping Weight (kg)	32.00 kg	48.00 kg	59.00 kg	59.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 548 x 265 mm	880 x 638 x 310 mm	880 x 798 x 310 mm	880 x 798 x 310 mm
	CI: : D: : (WILLD)/)	844 x 622 x 353 mm	1024 x 750 x 414 mm	1023 x 891 x 413 mm	1023 x 891 x 413 mm
	Shipping Dimensions (WxHxD) (mm)	044 X 022 X 333 IIIIII	10214750411111111		
Operating Temp. Range	Cooling (°C)	-15 ~ 50 °C	-15~50 °C	-15 ~ 50 °C	-15~50°C

DIMENSIONAL DRAWINGS ACO35/52/60/71HBMDKH/EU





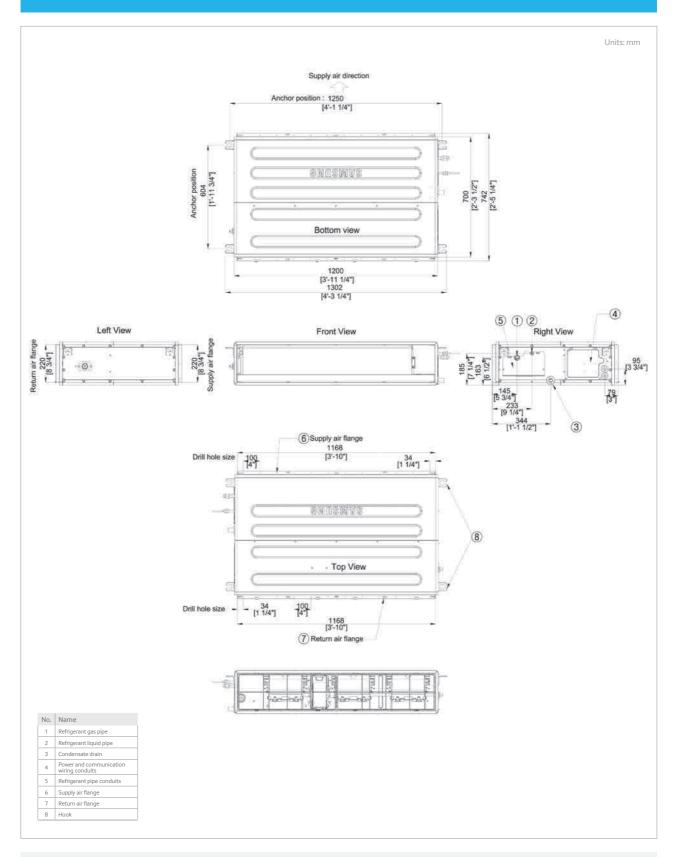
SPECIFICATIONS AC090/100HBMDKH/EU



Model Code		AC090HBMDKH/EU	AC100HBMDKH/EU
Features	Туре	Duct S (MSP)	Duct S (MSP)
	Indoor Unit	ACO90HBMDKH/EU	AC100HBMDKH/EU
Model Name	Outdoor Unit	AC090HCADKH/EU	AC100HCADKH/EU
System	Mode	HEAT PUMP	HEAT PUMP
System	Cooling [kW]	2.60/9.00/11.50 kW	2.80/10.00/12.00 kW
	Cooling [Btu/h]	8,900/30,700/39,200 Btu/h	9,600/34,100/40,900 Btu/h
Capacity			
	Heating [kW]	2.80/10.00/15.50 kW	2.90/11.20/15.50 kW
	Heating [Btu/h]	9,600/34,100/52,900 Btu/h	9,900/38,200/52,900 Btu/h
Power Input (Nominal)	Cooling	0.70/2.80/4.50 kW	0.75/3.22/5.00 kW
	Heating	0.65/2.77/5.50 kW	0.65/3.10/5.50 kW
Current Input (Nominal)	Cooling	4.00/13.00/19.50 A	4.30/15.00/21.50 A
Carrentinpactitorinia	Heating	3.40/12.50/24.00 A	3.40/14.00/24.00 A
Power	MCA [A]	26.70 (MCA) A	26.70 (MCA) A
Power	MFA [A]	30.00 A	30.00 A
	EER (Nominal Cooling)	3.21	3.11
	COP (Nominal Heating)	3.61	3.61
Energy Efficiency	Energy Grade (Cooling)	SEER 5.7 (A+)	SEER 5.6 (A+)
	Energy Grade (Heating)	SCOP 4.0 (A+)	SCOP 4.0 (A+)
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm
	Liquid Pipe (Ф, mm) Liquid Pipe (Ф, inch)	9.52 mm 3/8"	9.52 mm 3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm
	Gas Pipe (Φ, inch)	5/8"	5/8"
	Installation Max. Length [m]	50(55) m	50(55) m
	Installation Max. Height [m]	30.0(30.0) m	30.0(30.0) m
Field Wiring	Power Source Wire	4	4
ricid Willing	Transmission Cable	0.75~1.25	0.75~1.25
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Reingerant	Factory Charging (kg)	2.60 kg	2.60 kg
Power Supply (Indoor Un	nit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Sirocco Fan (BLDC)	Sirocco Fan (BLDC)
	Motor (Output) [W]	153.00 W	153.00 W
	Number of Unit (EA)	3.00 EA	3.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	29.00/25.00/22.00 CMM	32.00/27.00/22.00 CMM
Tall	Air Flow Rate (High / Mid / Low) [L/S]	483.33/416.67/366.67	533.33/450.00/366.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/4.00/15.00 mmAq	0.00/4.00/15.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/4.00/15.00 mmaq 0.00/39.23/147.10 Pa	0.00/39.23/147.10 Pa
B -			
Drain	Drain Pipe (¢,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	38.0 / 35.0 / 32.0 dBA	38.0 / 35.0 / 32.0 dBA
	Sound Power (Cooling) [dB(A)]	61.0 dBA	61.0 dBA
	Net Weight (kg)	32.00 kg	32.00 kg
External Dimension	Shipping Weight (kg)	37.00 kg	37.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1200 x 250 x 700 mm	1200 x 250 x 700 mm
	Shipping Dimensions (WxHxD) (mm)	1450 x 320 x 780 mm	1450 x 320 x 780 mm
Additional Accessories	Drain Pump	MDP-G075SP	MDP-G075SP
Power Supply (Outdoor l	Jnit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Twin BLDC Rotary	Twin BLDC Rotary
	Model	UG8T300LNBJU	UG8T300LNBJU
Compressor	Output (kW)	2.82 kW	2.82 kW
Compressor	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	1200.00 cc	1200.00 cc
		63.00 CMM	68.00 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]		
	Air Flow Rate (Cooling) [L/S]	1,050.00	1,133.33
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	52.0 / 54.0 dBA	52.0 / 54.0 dBA
***************************************	Sound Power (Cooling) [dB(A)]	68.0 dBA	69.0 dBA
	Net Weight (kg)	70.00 kg	70.00 kg
External Dimension	Shipping Weight (kg)	74.00 kg	74.00 kg
External Dimension			
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 998 x 330 mm	940 x 998 x 330 mm
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm) Shipping Dimensions (WxHxD) (mm)	940 x 998 x 330 mm 995 x 1096 x 426 mm	940 x 998 x 330 mm 995 x 1096 x 426 mm
External Dimension (Outdoor Unit) Operating Temp. Range			

DIMENSIONAL DRAWINGS ACO90/100HBMDKH/EUU





SPECIFICATIONS AC120/140HBMDKH/EU

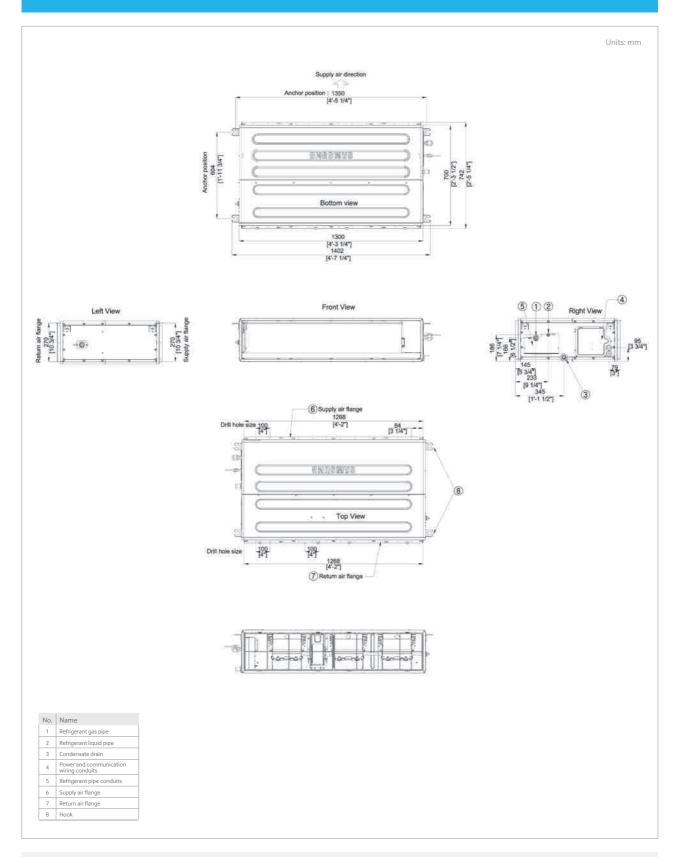


Model Code		AC120HBMDKH/EU	AC140HBMDKH/EU	
Features Type		Duct S (MSP)	Duct S (MSP)	
Indoor Unit		AC120HBMDKH/EU	AC140HBMDKH/EU	
Model Name	Outdoor Unit	AC120HCADKH/EU	AC140HCADKH/EU	
System	Mode	HEAT PUMP	HEAT PUMP	
System	Cooling [kW]	3.00/12.00/13.50 kW	4.60/14.00/15.40 kW	
	Cooling [Btu/h]	10,200/40,900/46,100 Btu/h	15,700/47,800/52,500 Btu/h	
Capacity	Heating [kW]	2.50/13.00/17.00 kW	3.70/16.00/18.00 kW	
	Heating [Btu/h]	8,500/44,400/58,000 Btu/h	12,600/54,600/61,400 Btu/h	
	Cooling	0.90/4.40/5.50 kW	1.00/4.63/5.50 kW	
Power Input (Nominal)	Heating	0.70/3.50/5.90 kW	0.80/4.43/5.70 kW	
	Cooling	5.00/19.50/24.00 A	5.60/21.60/24.00 A	
Current Input (Nominal)	Heating	4.00/15.50/26.50 A	4.50/19.70/25.00 A	
	MCA [A]	26.70 (MCA) A	26.70 (MCA) A	
Power	MFA [A]	30.00 A	30.00 A	
	EER (Nominal Cooling)	2.73	3.02	
	COP (Nominal Heating)	3.71	3.61	
Energy Efficiency		SEER 5.3 (A)	3.01	
	Energy Grade (Cooling)	SCOP 4.0 (A+)	-	
	Energy Grade (Heating)		0.52	
	Liquid Pipe (Φ, mm)	9.52 mm 3/8""	9.52 mm 3/8"	
	Liquid Pipe (Φ, inch)			
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm 5/8***	15.88 mm	
	Gas Pipe (Φ, inch)		5/8"	
	Installation Max. Length [m]	50(55) m	75(75) m	
	Installation Max. Height [m]	30.0(30.0) m	30.0(30.0) m	
Field Wiring	Power Source Wire	4	4	
	Transmission Cable	0.75~1.25	0.75~1.25	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
	Factory Charging (kg)	2.70 kg	2.80 kg	
Power Supply (Indoor Uni		1,2,220-240,50	1,2,220-240,50	
	Туре	Sirocco Fan	Sirocco Fan (BLDC)	
	Motor (Output) [W]	244.00 W	244.00 W	
	Number of Unit (EA)	3.00 EA	3.00 EA	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	38.00/32.00/25.00 CMM	42.00/34.00/25.00 CMM	
	Air Flow Rate (High / Mid / Low) [L/S]	633.33/533.33/416.67	700.00/566.67/416.67	
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/5.20/15.00 mmAq	0.00/5.20/15.00 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	0.00/50.99/147.10 Pa	0.00/50.99/147.10 Pa	
Drain	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm	
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	39.0 / 36.0 / 33.0 dBA	40.0 / 37.0 / 33.0 dBA	
	Sound Power (Cooling) [dB(A)]	65.0 dBA	66.0 dBA	
	Net Weight (kg)	36.00 kg	36.00 kg	
External Dimension	Shipping Weight (kg)	42.00 kg	42.00 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1300 x 300 x 700 mm	1300 x 300 x 700 mm	
	Shipping Dimensions (WxHxD) (mm)	1550 x 370 x 780 mm	1550 x 370 x 780 mm	
Additional Accessories	Drain Pump	-	MDP-G075SP	
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	
	Туре	Twin BLDC Rotary	Twin BLDC Rotary	
	Model	UG5T450FUEJXSG	UG5T450FUEJX	
Compressor	Output (kW)	4.12 kW	4.12 kW	
	Oil (Type)	POE	POE	
	Oil (Initial Charge) [cc]	1700.00 cc	1700.00 cc	
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	70.00 CMM	100.00 CMM	
Tan (Outdoor Only)	Air Flow Rate (Cooling) [L/S]	1,166.67	1,666.67	
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	54.0 / 58.0 dBA	53.0 / 54.0 dBA	
Sound (Oddatool Onlit)	Sound Power (Cooling) [dB(A)]	70.0 dBA	70.0 dBA	
	Net Weight (kg)	77.00 kg	88.00 kg	
External Dimension	Shipping Weight (kg)	82.00 kg	98.00 kg	
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 998 x 330 mm	940 x 1210 x 330 mm	
	Shinning Dimensions (Mrd InD) (mm)	995 x 1096 x 426 mm	995 x 1388 x 426 mm	
	Shipping Dimensions (WxHxD) (mm)			
Operating Temp. Range	Cooling (°C)	-15~50 °C	-15~50 °C	

CAC MSP Duct

DIMENSIONAL DRAWINGS AC120/140HBMDKH/EU





CAC HSP Duct

SPECIFICATIONS AC180/200JNHPKH/EU

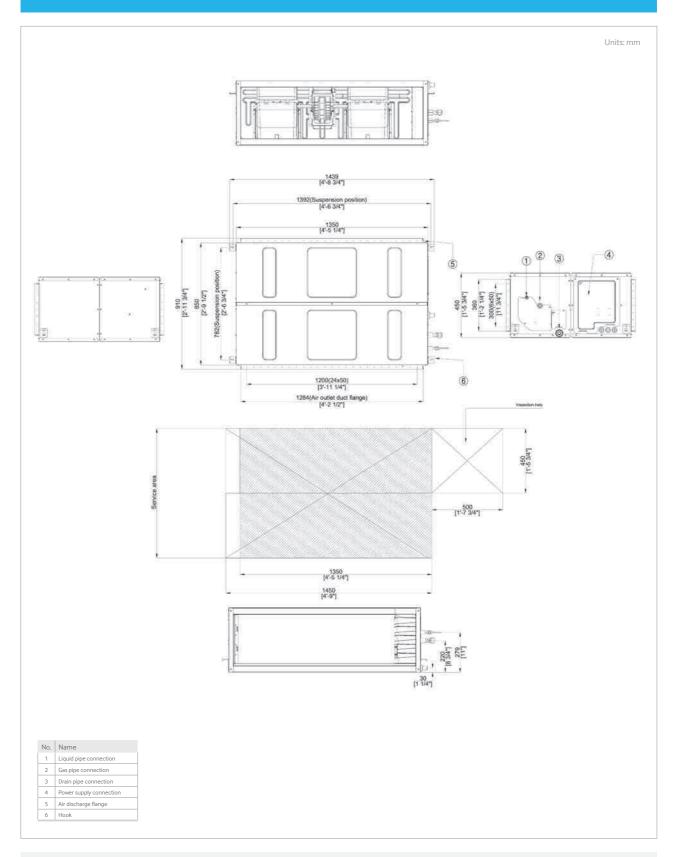


Model Code		AC180JNHPKH/EU	AC200JNHPKH/EU
Features	Туре	HSP Duct	HSP Duct
	Indoor Unit	AC180JNHPKH/EU	AC200JNHPKH/EU
Model Name	Outdoor Unit	AC180JXAPNH/EU	AC200JXAPNH/EU
System	Mode	HEAT PUMP	HEAT PUMP
.,	Cooling [kW]	6.00/18.00/20.00 kW	6.20/20.00/22.50 kW
	Cooling [Btu/h]	20,500/61,400/68,200 Btu/h	21,200/68,200/76,800 Btu/h
Capacity	Heating [kW]	4.80/20.00/22.50 kW	5.00/22.00/25.00 kW
	Heating [Btu/h]	16,400/68,200/76,800 Btu/h	17,100/75,100/85,300 Btu/h
	Cooling	1.30/5.45/7.30 kW	1.40/6.23/11.00 kW
Power Input (Nominal)	Heating	1.20/5.54/7.60 kW	2.30/6.09/11.50 kW
	Cooling	2.30/8.40/16.10 A	2.70/10.80/17.00 A
Current Input (Nominal)	Heating	2.20/8.60/16.10 A	4.10/10.00/16.10 A
	MCA [A]	14.50 (MCA)	25.00 (MCA)
Power	MFA [A]	15.95	31.25
	EER (Nominal Cooling)	3.3	3.21
	COP (Nominal Heating)	3.61	3.61
Energy Efficiency	Energy Grade (Cooling)	Energy Grade (C) A	Energy Grade (C) A
	Energy Grade (Cooling)	Energy Grade (H) A	Energy Grade (H) A
	Liquid Pipe (Ф, mm)	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"
	Gas Pipe (Φ, mm)	19.05 mm	19.05 mm
Piping Connections	Gas Pipe (Φ, inch)	3/4"	3/4"
	Installation Max. Length [m]	75 m	75 m
	Installation Max. Height [m]	30.0 m	30.0 m
	Type	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	4.60 kg	8.00 kg
Power Supply (Indoor Un		1,2,220-240,50	1,2,220-240,50
rower supply (Indoor Off		Sirocco Fan	Sirocco Fan
	Type Motor (Output) [W]	500.00 W	500.00 W
	Number of Unit (EA)	2.00 EA	2.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	71.00/60.00/50.00 CMM	72.00/61.00/51.00 CMM
ran	Air Flow Rate (High / Mid / Low) [L/S]	1,183.33/1,000.00/833.33	1,200.00/1,016.67/850.00
	External Static Pressure (Min / Std / Max) [mmAq]	5.10/6.12/20.00 mmAq	5.10/7.34/20.00 mmAq
B :	External Static Pressure (Min / Std / Max) [Pa]	50.01/60.02/196.13 Pa	50.01/71.98/196.13 Pa
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	43.0 / 39.0 / 35.0 dBA	44.0 / 40.0 / 36.0 dBA
	Sound Power (Cooling) [dB(A)]	76 dB	77 dB
	Net Weight (kg)	82.50 kg	82.50 kg
External Dimension (Indoor Unit)	Shipping Weight (kg)	92.00 kg	92.00 kg
(indoor offic)	Net Dimensions (WxHxD) (mm)	1350 x 450 x 910 mm	1350 x 450 x 910 mm
	Shipping Dimensions (WxHxD) (mm)	1612 x 519 x 984 mm	1612 x 519 x 984 mm
Additional Accessories	Drain Pump	MDP-G075SP, MDP-G075SQ	MDP-G075SP, MDP-G075SQ
Power Supply (Outdoor U		3,4,380-415,50	3,4,380-415,50
Compressor	Туре	Twin BLDC Rotary	BLDC Scroll
	Model	UG5T520FUBJX	DS-GB052FAVA
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	110.00 CMM	176.00 CMM
	Air Flow Rate (Cooling) [L/S]	1,833.33	2,933.33
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	55.0 / 57.0 dBA	57.0 / 59.0 dBA
	Sound Power (Cooling) [dB(A)]	- dBA	- dBA
	Net Weight (kg)	107.50 kg	190.00 kg
External Dimension	Shipping Weight (kg)	117.50 kg	195.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1420 x 330 mm	880 x 1695 x 765 mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1598 x 426 mm	948 x 1887 x 832 mm
Operating Temp. Range	Cooling (°C)	-15~50°C	-15~50 °C
,	Heating (°C)	-20 ~ 24 °C	-20 ~ 24 °C

CAC HSP Duct

DIMENSIONAL DRAWINGS AC180/200JNHPKH/EU





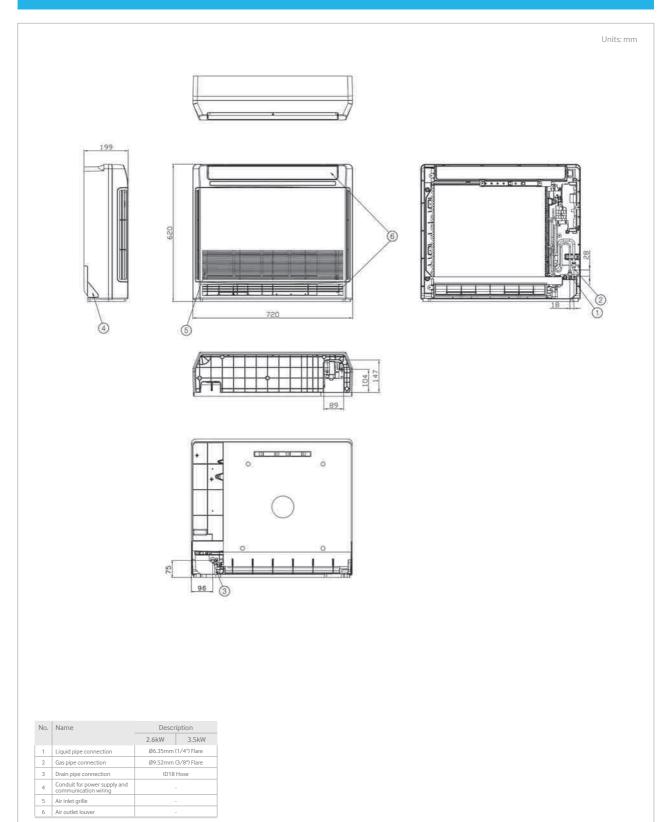
SPECIFICATIONS AC026/35FBJDEH/EU



Model Code		AC026FBJDEH/EU	AC035FBJDEH/EU
Features	Туре	Console	Console
reatures	Indoor Unit	AC026FBJDEH/EU	AC035FBJDEH/EU
Model Name	Outdoor Unit	ACO26FBDEF/EU ACO26FCADEH/EU	AC035F0JDEF1/EU
C			
System	Mode	HEAT PUMP	HEAT PUMP
	Cooling [kW]	0.98/2.60/3.40 kW	1.20/3.50/3.90 kW
Capacity	Cooling [Btu/h]	3,300/8,900/11,600 Btu/h	4,100/11,900/13,300 Btu/h
	Heating [kW]	0.95/3.50/4.20 kW	1.04/4.00/4.40 kW
	Heating [Btu/h]	3,200/11,900/14,300 Btu/h	3,500/13,600/15,000 Btu/h
Power Input (Nominal)	Cooling	0.23/0.81/1.20 kW	0.24/1.29/1.50 kW
rower input (Norminal)	Heating	0.21/1.06/1.30 kW	0.21/1.33/1.40 kW
	Cooling	1.60/4.00/5.50 A	1.60/6.00/7.00 A
Current Input (Nominal)	Heating	1.30/5.00/6.50 A	1.30/6.20/7.20 A
	MCA [A]	10.30 (MCA) A	10.30 (MCA) A
Power	MFA [A]	12.50 A	12.50 A
	EER (Nominal Cooling)	3.21	2.71
	COP (Nominal Heating)	3.3	3.01
Energy Efficiency		SEER 5.40 (A)	
	Energy Grade (Cooling)		SEER 5.40 (A)
	Energy Grade (Heating)	SCOP 4.00 (A+)	SCOP 3.90 (A)
	Liquid Pipe (Ф, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
r iping connections	Gas Pipe (Φ, inch)	3/8"	3/8"
	Installation Max. Length [m]	20 m	20 m
	Installation Max. Height [m]	15.0 m	15.0 m
	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.25	0.75 ~ 1.25
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	-	
Kerngerant	Factory Charging (kg)	0.95 kg	0.95 kg
Device Const. (In the collect		1,2,220-240,50	1,2,220-240,50
Power Supply (Indoor Un			
	Туре	Turbo Fan/BLDC	Turbo Fan/BLDC
	Motor (Output) [W]	35.00 W	35.00 W
	Number of Unit (EA)	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	8.50/7.50/6.50 CMM	9.80/8.50/7.50 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	141.67/125.00/108.33	163.33/141.67/125.00
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
Drain	Drain Pipe (Φ,mm)	VP18 (OD 19,ID 16) mm	VP18 (OD 19,ID 16) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	38.0 / 30.5 / 23.0 dBA	39.0 / 31.5 / 24.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	53.0 dBA	55.0 dBA
	Net Weight (kg)	15.20 kg	15.20 kg
	Shipping Weight (kg)	20.30 kg	20.30 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 620 x 199 mm	720 x 620 x 199 mm
	Shipping Dimensions (WxHxD) (mm)	810 x 710 x 299 mm	810 x 710 x 299 mm
DC		1,2,220-240,50	1,2,220-240,50
Power Supply (Outdoor U			
	Туре	Single BLDC Rotary	Single BLDC Rotary
	Model	UG4C090LUDJR	UG4C090LUDJR
Compressor	Output(kW)	0.86 kW	0.86 kW
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	- CC	- cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	29.00 CMM	30.00 CMM
rair (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	483.33	500
	Sound Pressure (Cooling / Heating) [dB(A)]	47.0 / 47.0 dBA	47.0 / 47.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	61.0 dBA	61.0 dBA
	Net Weight(kg)	33.00 kg	33.00 kg
F (18)	Shipping Weight (kg)	37.00 kg	37.00 kg
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	790 x 548 x 285 mm
	Shipping Dimensions (WxHxD) (mm)	926 x 655 x 382 mm	926 x 655 x 382 mm
Operating Temp. Range	Cooling (°C) Heating (°C)	-10~46°C -15~24°C	-10~46 °C -15~24 °C

DIMENSIONAL DRAWINGS ACO26/35FBJDEH/EU





SPECIFICATIONS AC052HBJDEH/EU



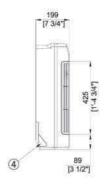
Model Code		AC052HBJDEH/EU
Features	Туре	Console
	Indoor Unit	AC052HBJDEH/EU
Model Name	Outdoor Unit	AC052FCADEH/EU
System	Mode	HEAT PUMP
.,	Cooling [kW]	1.90/5.00/5.50 kW
	Cooling [Btu/h]	6,500/17,100/18,800 Btu/h
Capacity	Heating [kW]	1.50/5.60/6.50 kW
	Heating [Btu/h]	5,100/19,100/22,200 Btu/h
	Cooling	0.25/1.78/2.20 kW
Power Input (Nominal)	Heating	0.25/1.92/2.50 kW
	Cooling	2.60/8.00/10.00 A
Current Input (Nominal)	Heating	2.30/8.70/14.00 A
	MCA [A]	10.80 (MCA) A
Power	MFA [A]	13.13 A
	EER (Nominal Cooling)	2.81
	COP (Nominal Heating)	2.92
Energy Efficiency	Energy Grade (Cooling)	SEER 5.40 (A)
	Energy Grade (Cooling) Energy Grade (Heating)	SCOP 3.80 (A)
	Liquid Pipe (Φ, mm)	SCOP 3:80 (A) 6.35 mm
	Liquid Pipe (Φ, inch)	6.35 mm 1/4"
	Gas Pipe (Ф, mm)	1/4" 12.70 mm
Piping Connections		
	Gas Pipe (Φ, inch)	1/2"
	Installation Max. Length [m]	30(35) m
	Installation Max. Height [m]	20.0(20.0) m
Field Wiring	Power Source Wire	2
	Transmission Cable	0.75~1.25
	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	-
	Factory Charging (kg)	1.40 kg
Power Supply (Indoor Un		1,2,220-240,50
	Туре	Turbo Fan/BLDC
	Motor (Output) [W]	35.00 W
	Number of Unit (EA)	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	13.00/11.50/10.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	216.67/191.67/166.67
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa
Drain	Drain Pipe (Φ,mm)	ID 18 HOSE mm
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	44.0 / 34.5 / 25.0 dBA
	Sound Power (Cooling) [dB(A)]	60.0 dBA
	Net Weight (kg)	15.20 kg
External Dimension	Shipping Weight (kg)	20.30 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 620 x 199 mm
	Shipping Dimensions (WxHxD) (mm)	810 x 710 x 299 mm
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	1.2,220-240,50
	Туре	Twin BLDC Rotary
	Model	UG4T150FUDJQDO
Compressor	Output(kW)	1.37 kW
	Oil (Type)	POE
	Oil (Initial Charge) [cc]	650.00 cc
F (0 11 11 1)	Air Flow Rate (Cooling) [CMM]	33.00 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	550
C	Sound Pressure (Cooling / Heating) [dB(A)]	49.0 / 49.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	64.0 dBA
	Net Weight(kg)	38.50 kg
External Dimension	Shipping Weight (kg)	42.50 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm
	Shipping Dimensions (WxHxD) (mm)	926 x 655 x 382 mm
	Cooling (°C)	-15~46 °C
Operating Temp. Range	Heating (°C)	·15 ~24 °C
	J	10 21 0

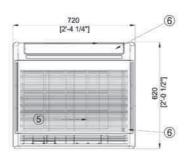
DIMENSIONAL DRAWINGS AC052HBJDEH/EU

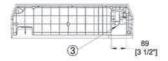


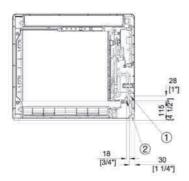
Units: mm











No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain
4	Power and communication wiring conduits
5	Air inlet grille
6	Air outlet grille
	1 2 3 4 5

CAC Ceiling

SPECIFICATIONS AC100/120/140/160JNCDEH/EU

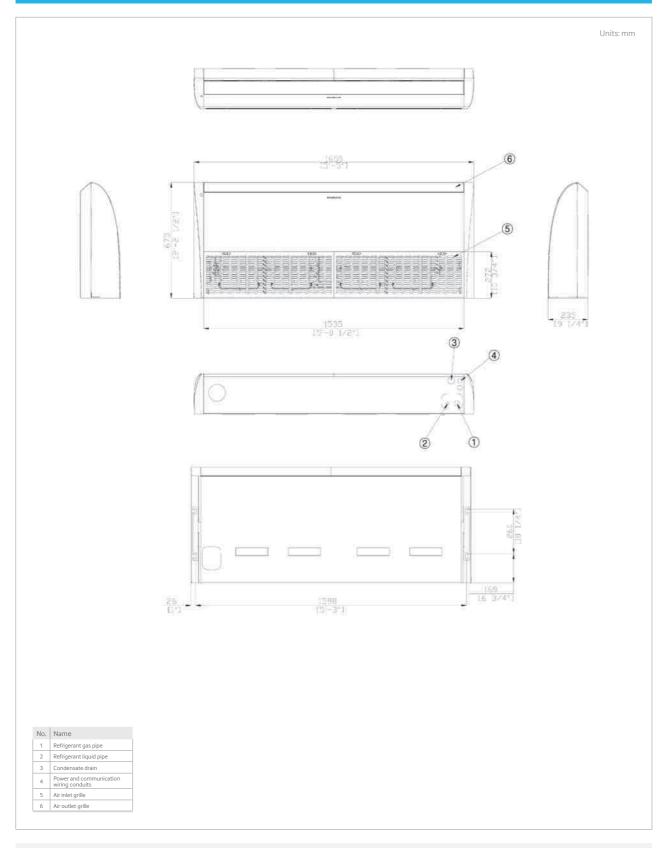


Model Code		AC100JNCDEH/EU	AC120JNCDEH/EU	AC140JNCDEH/EU	AC160JNCDEH/EU
Features	Туре	Ceiling	Ceiling	Ceiling	Ceiling
	Indoor Unit	AC100JNCDEH/EU	AC120JNCDEH/EU	AC140JNCDEH/EU	AC160JNCDEH/EU
Model Name	Outdoor Unit	AC100JXADEH/EU	AC120JXADEH/EU	AC140JXADEH/EU	AC160JXADGH/EU
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Cooling [kW]	2.80/10.00/12.00 kW	3.50/12.00/13.50 kW	4.30/14.00/15.40 kW	4.30/15.00/17.30 kW
	Cooling [Btu/h]	9,600/34,100/40,900 Btu/h	11,900/40,900/46,100 Btu/h	14,700/47,800/52,500 Btu/h	14,700/51,200/59,000 Btu/h
Capacity	Heating [kW]	2.90/11.20/15.50 kW	3.80/13.00/16.50 kW	4.70/16.00/18.00 kW	4.70/17.50/19.00 kW
	Heating [Btu/h]	9,900/38,200/52,900 Btu/h	13,000/44,400/56,300 Btu/h	16,000/54,600/61,400 Btu/h	16,000/59,700/64,800 Btu/h
	Cooling	0.75/3.45/5.00 kW	0.90/4.70/5.50 kW	0.90/4.65/5.50 kW	0.90/5.28/6.40 kW
Power Input (Nominal)	Heating	0.65/3.15/5.50 kW	0.70/3.75/5.60 kW	0.80/4.43/5.70 kW	0.80/4.86/6.50 kW
	Cooling	4.30/15.00/21.50 A	5.10/20.40/23.50 A	5.10/20.20/23.50 A	1.70/8.20/9.80 A
Current Input (Nominal)	Heating	3.40/13.70/21.80 A	3.90/16.40/22.80 A	4.50/19.30/23.50 A	1.70/7.50/10.00 A
_	MCA [A]	26.70 (MCA) A	26.70 (MCA) A	26.70 (MCA) A	14.70 (MCA) A
Power	MFA [A]	30.00 A	30.00 A	30.00 A	16.20 A
	EER (Nominal Cooling)	2.9	2.55	3.01	2.84
	COP (Nominal Heating)	3.56	3.47	3.61	3.6
Energy Efficiency	Energy Grade (Cooling)	Energy Grade(C) A+	Energy Grade(C) A+	-	-
	Energy Grade (Heating)	Energy Grade(H) A	Energy Grade(H) A+	-	-
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"	3/8"
D: 0	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	15.88 mm	15.88 mm
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"	5/8"
	Installation Max. Length [m]	50 m	50 m	75 m	75 m
	Installation Max. Height [m]	30.0 m	30.0 m	30.0 m	30.0 m
	Power Source Wire	-	-	-	-
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5
	Туре	R410A (Fluorinated greenhouse gas)			
Refrigerant	Control Method	EEV	EEV	EEV	-
	Factory Charging (kg)	2.80 kg	2.90 kg	3.20 kg	3.50 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Sirroco	Sirroco	Sirroco	Sirroco
	Motor (Output) [W]	244.00 W	244.00 W	244.00 W	244.00 W
Fan	Number of Unit (EA)	1.0 EA	1.0 EA	1.0 EA	1.00 EA
	Air Flow Rate (High / Mid / Low) [CMM]	26.00/23.00/19.00 CMM	30.00/24.00/20.00 CMM	34.00/27.00/23.00 CMM	37.00/31.00/26.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	433.33/383.33/316.67	500.00/400.00/333.33	566.67/450.00/383.33	616.67/516.67/433.33
Drain	Drain Pipe (Φ,mm)	VP20 (OD 25,ID 20) mm			
6 1	Sound Pressure (High / Mid / Low) [dB(A)]	42.0 / 38.0 / 34.0 dBA	44.0 / 41.0 / 37.0 dBA	46.0 / 42.0 / 38.0 dBA	51.0 / 47.0 / 44.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	60.0 dBA	62.0 dBA	64.0 dBA	- dBA
	Net Weight (kg)	42.00 kg	42.00 kg	42.00 kg	42.00 kg
External Dimension	Shipping Weight (kg)	48.00 kg	48.00 kg	48.00 kg	48.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1650 x 675 x 235 mm			
	Shipping Dimensions (WxHxD) (mm)	1739 x 758 x 321 mm			
Additional Accessory	Air Filter	PRE FILTER	PRE FILTER	PRE FILTER	-
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	UG8T300LNBJU	UG5T450FUEJX	UG5T450FUEJX	UG5T450FUEJX
Compressor	Output (kW)	2.82 kW	4.12 kW	4.12 kW	4.12 kW
	Oil (Type)	POE	POE	POE	POE
	Oil (Initial Charge) [cc]	- cc	- cc	- cc	- cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	68.00 CMM	70.00 CMM	100.00 CMM	115.00 CMM
ran (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	1,133.33	1,166.67	1,666.67	1,916.67
Sound (Outdoor I I=it)	Sound Pressure (Cooling / Heating) [dB(A)]	52.0 / 54.0 dBA	54.0 / 56.0 dBA	53.0 / 54.0 dBA	56.0 / 58.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	69.0 dBA	70.0 dBA	70.0 dBA	- dBA
	Net Weight (kg)	70.00 kg	77.00 kg	88.00 kg	96.00 kg
External Dimension	Shipping Weight (kg)	74.00 kg	82.00 kg	98.00 kg	106.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 998 x 330 mm	940 x 998 x 330 mm	940 x 1210 x 330 mm	940 x 1420 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1096 x 426 mm	995 x 1096 x 426 mm	995 x 1388 x 426 mm	995 x 1598 x 426 mm
	bripping birriersions (vixing) (rini)				
Operating Temp. Range	Cooling (°C)	-15 ~ 50 °C			

CAC Ceiling

DIMENSIONAL DRAWINGS AC100/120/140/160JNCDEH/EU





SPECIFICATIONS AC026/35FBRDEH/EU



Model Code		AC026FBRDEH/EU	AC035FBRDEH/EU
Features	Туре	Maldives	Maldives
reduces	Indoor Unit	AC026FBRDEH/EU	AC035FBRDEH/EU
Model Name	Outdoor Unit	AC026FCADEH/EU	AC035FGADEH/EU
System	Mode	HEAT PUMP	HEAT PUMP
System	Cooling [kW]	1.20/2.61/3.49 kW	1.20/3.50/3.70 kW
	Cooling [Btu/h]	4,100/8,900/11,900 Btu/h	4,100/11,900/12,600 Btu/h
Capacity		0.94/3.49/4.19 kW	1.04/4.00/4.40 kW
	Heating [kW]	3,200/11,900/14,300 Btu/h	3,500/13,600/15,000 Btu/h
	Heating [Btu/h]	0.23/0.64/1.49 kW	3,500/13,600/15,000 Bttl/h 0.24/1.09/1.50 kW
Power Input (Nominal)	Cooling		
	Heating	0.21/0.97/1.14 kW	0.21/1.17/1.40 kW
Current Input (Nominal)	Cooling	1.60/3.40/7.00 A	1.60/5.10/7.00 A
	Heating	1.30/5.00/5.40 A	1.30/5.80/6.50 A
Power	MCA [A]	10.30 (MCA) A	10.30 (MCA) A
	MFA [A]	12.50 A	12.50 A
	EER (Nominal Cooling)	4.08	3.21
Energy Efficiency	COP (Nominal Heating)	3.6	3.42
,	Energy Grade (Cooling)	SEER 5.9 (A+)	SEER 5.6 (A+)
	Energy Grade (Heating)	SCOP 3.9 (A)	SCOP 3.9 (A)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
riping connections	Gas Pipe (Φ, inch)	3/8"	3/8"
	Installation Max. Length [m]	20(25) m	20(25) m
	Installation Max. Height [m]	15.0(15.0) m	15.0(15.0) m
Field Wiring	Power Source Wire	1.5∼2.5	1.5~2.5
rieid wiring	Transmission Cable	0.75~1.25	0.75~1.25
Defilement	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	0.95 kg	0.95 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	35.00 W	35.00 W
	Number of Unit (EA)	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	10.50/9.50/8.00 CMM	8.00/7.00/6.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	175.00/158.33/133.33	133.33/116.67/100.00
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
Drain	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm
	Sound Pressure (High / Mid / Low) [dB(A)]	35.0 / 31.0 / 24.0 dBA	37.0 / 32.0 / 25.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	53.0 dBA	55.0 dBA
	Net Weight (kg)	8.20 kg	8.20 kg
	Shipping Weight (kg)	10.20 kg	10.20 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	820 x 285 x 205 mm	820 x 285 x 205 mm
	Shipping Dimensions (WxHxD) (mm)	892 x 355 x 263 mm	892 x 355 x 263 mm
Power Supply (Outdoor U		1,2,220-240,50	1,2,220-240,50
Tower Supply (Odtdoor C		Single BLDC Rotary	Single BLDC Rotary
	Type Model	UG4C090LUDJR	UG4C090LUDJR
Compressor	Output (kW)	0.86 kW	0.86 kW
Compressor			
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	320.00 cc	320.00 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	29.00 CMM	30.00 CMM
	Air Flow Rate (Cooling) [L/S]	483.33	500
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	47.0 / 47.0 dBA	47.0 / 47.0 dBA
	Sound Power (Cooling) [dB(A)]	60.0 dBA	62.0 dBA
	Net Weight (kg)	33.00 kg	33.00 kg
External Dimension	Shipping Weight (kg)	37.00 kg	37.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	790 x 548 x 285 mm
	Shipping Dimensions (WxHxD) (mm)	926 x 655 x 382 mm	926 x 655 x 382 mm
	Cooling (°C)	-10~46°C	-10~46°C
Operating Temp. Range	Heating (°C)	-15~24°C	-15~24°C

SPECIFICATIONS AC026/35FBRDEH/EU



Units: mm 205 55.97-480 380

Name	Description	
	2.6kW	3.5kW
Liquid pipe connection	Ø6.35m	m Flare
Gas pipe connection	Ø9.52m	m Flare
Drain pipe connection	ID18 Hose	
Conduit for power supply and communication wiring	-	
Air inlet grille	-	
Air outlet louver	-	
	Liquid pipe connection Gas pipe connection Drain pipe connection Conduit for power supply and communication wring Air inlet grille	2.6kW Liquid pipe connection Ø6.35m Gas pipe connection Ø9.52m Drain pipe connection ID18 Conduit for power supply and communication wiring Air inlet grille

SPECIFICATIONS AC052/71FBRDEH/EU



Model Code		AC052FBRDEH/EU	AC071FBRDEH/EU
Features	Туре	Maldives	Maldives
reduces	Indoor Unit	AC052FBRDEH/EU	ACO71FBRDEH/EU
Model Name	Outdoor Unit	AC052FCADEH/EU	ACO71FGADEH/EU
System	Mode	HEAT PUMP	HEAT PUMP
System	Cooling [kW]	1.90/5.00/6.05 kW	2.20/7.10/8.00 kW
	Cooling [Btu/h]	6,500/17,100/20,600 Btu/h	7,500/24,200/27,300 Btu/h
Capacity	Heating [kW]	1.50/6.00/6.25 kW	1,90/8,00/9,00 kW
	Heating [Btu/h]	5,100/20,500/21,300 Btu/h	6,500/27,300/30,700 Btu/h
Power Input (Nominal)	Cooling	0.40/1.61/2.20 kW	0.35/2.36/4.00 kW
	Heating	0.34/1.76/3.15 kW	0.35/2.85/4.00 kW
Current Input (Nominal)	Cooling	2.60/7.20/9.80 A	2.00/10.50/21.00 A
	Heating	2.30/8.30/14.00 A	2.00/13.00/21.00 A
Power	MCA [A]	10.80 (MCA) A	20.30 (MCA) A
	MFA [A]	13.10 A	25.00 A
	EER (Nominal Cooling)	3.11	3.01
Energy Efficiency	COP (Nominal Heating)	3.41	2.81
	Energy Grade (Cooling)	SEER 6.20 (A++)	SEER 6.00 (A+)
	Energy Grade (Heating)	SCOP 3.80 (A)	SCOP 3.80 (A)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Ф, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm
i ping connections	Gas Pipe (Φ, inch)	1/2"	5/8"
	Installation Max. Length [m]	30 m	50(55) m
	Installation Max. Height [m]	20.0 m	30.0(30.0) m
Field Wiring	Power Source Wire	2	2.5~4.0
rieid Willing	Transmission Cable	0.75~1.25	0.75~1.25
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Kenigerani	Factory Charging (kg)	1.40 kg	1.80 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	27.00 W	27.00 W
	Number of Unit (EA)	1.00 EA	1.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	15.00/13.20/11.50 CMM	15.00/13.40/11.80 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	250.00/220.00/191.67	250.00/223.33/196.67
	External Static Pressure (Min / Std / Max) [mmAq]	- mmAq	- mmAq
	External Static Pressure (Min / Std / Max) [Pa]	- Pa	- Pa
Drain	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm
	Sound Pressure (High / Mid / Low) [dB(A)]	40.0 / 35.0 / 30.0 dBA	44.0 / 37.0 / 31.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	60.0 dBA	63.0 dBA
	Net Weight (kg)	11.50 kg	11.50 kg
E. IB:	Shipping Weight (kg)	14.50 kg	14.50 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	1065 x 298 x 230 mm	1065 x 298 x 230 mm
	Shipping Dimensions (WxHxD) (mm)	1137 x 377 x 299 mm	1137 x 377 x 299 mm
Power Supply (Outdoor U		1,2,220-240,50	1,2,220-240,50
. oner supply toutdoor t	Type	Twin BLDC Rotary	Twin BLDC Rotary
	Model	UG4T150FUDJQ	UG4T200FUAE4
Compressor		1.37 kW	1.79 kW
Compressor	Output (kW)	1.37kW POE	1.79 KW
	Oil (Type)		112
	Oil (Initial Charge) [cc]	-cc	650.00 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	33.00 CMM	52.00 CMM
	Air Flow Rate (Cooling) [L/S]	550	866.67
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	49.0 / 49.0 dBA	49.0 / 51.0 dBA
	Sound Power (Cooling) [dB(A)]	64.0 dBA	67.0 dBA
	Net Weight (kg)	38.50 kg	55.00 kg
External Dimension	Shipping Weight (kg)	42.50 kg	59.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	880 x 798 x 310 mm
	Shipping Dimensions (WxHxD) (mm)	926 x 655 x 382 mm	1023 x 891 x 413 mm
	Cooling (°C)	-15~ 46 °C	-15~50°C
Operating Temp. Range	Heating (°C)	-15~24°C	-20~24°C

DIMENSIONAL DRAWINGS AC052/71FBRDEH/EU



No.	Name	Description		
		6.3kW	12.7kW	
-1	Liquid pipe connection	Ø6.35m	m Flare	
2	Gas pipe connection	Ø12.70mm Flare	Ø15.88mm Flare	
3	Drain pipe connection	ID18	Hose	
4	Conduit for power supply and communication wiring			
5	Air inlet grille			
6	Air outlet louver			

CAC Mini 4-Way Cassette – Nordic

SPECIFICATIONS AC026/35JNNCEH/EU

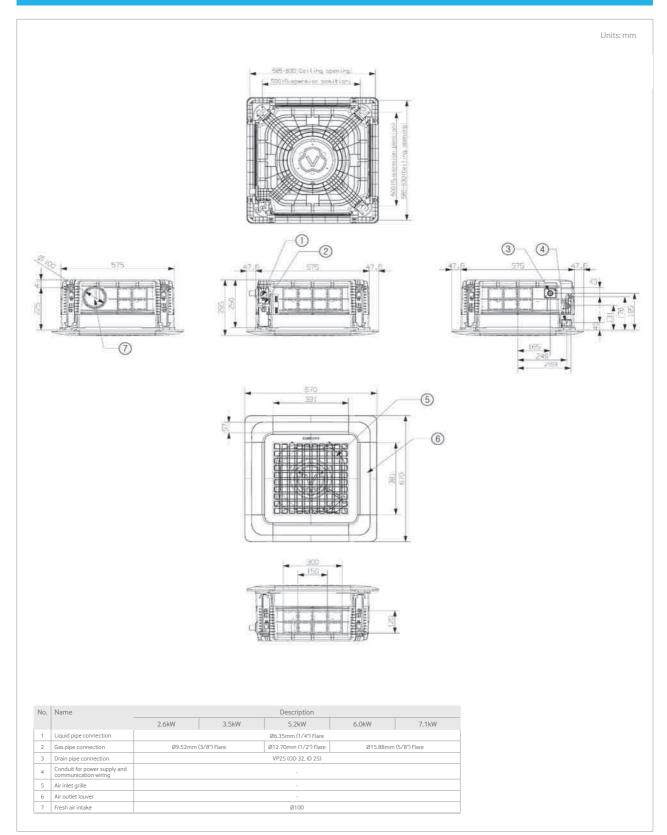


Model Code		AC026JNNCEH/EU	AC035JNNCEH/EU
Features	Туре	CAC 4-Way	CAC 4-Way
	Indoor Unit	AC026JNNCEH/EU	AC035JNNCEH/EU
Model Name	Outdoor Unit	AC026JXSCEH/EU	AC035JXSCEH/EU
System	Mode	HEAT PUMP	HEAT PUMP
-,	Cooling [kW]	0.85/2.60/3.50 kW	0.90/3.50/4.20 kW
	Cooling [Btu/h]	2,900/8,800/11,900 Btu/h	3,000/11,900/14,300 Btu/h
Capacity	Heating [kW]	0.80/3.40/5.10 kW	0.80/4.30/5.80 kW
	Heating [Btu/h]	2,700/11,600/17,400 Btu/h	2,700/14,600/19,700 Btu/h
	Cooling	0.24/0.64/0.89 kW	0.19/0.94/1.26 kW
Power Input (Nominal)	Heating	0.16/0.83/1.50 kW	0.16/1.18/1.65 kW
	Cooling	1.30/3.10/4.20 A	1.30/4.40/5.80 A
Current Input (Nominal)	Heating	1.10/3.90/6.00 A	1.10/5.40/7.00 A
	MCA [A]	11.00 A	11.00 A
Power		1.000	
	MFA [A]	12.50 A 4.06	12.50 A 3.72
	EER (Nominal Cooling)	****	
Energy Efficiency	COP (Nominal Heating)	4.1	3.64
	Energy Grade (Cooling)	A++ (7,90)	A++ (7.60)
	Energy Grade (Heating)	A++ (4,60)	A+ (4.50)
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
, 5 = 2 / COLIONS	Gas Pipe (Φ, inch)	3/8"	3/8"
	Installation Max. Length [m]	20(20) m	20(20) m
	Installation Max. Height [m]	15(15) m	15(15) m
Field Wiring	Power Source Wire	2.5~4.0	2.5~4.0
rieid Willing	Transmission Cable	0.75~1.25	0.75~1.25
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV	EEV
	Factory Charging (kg)	1.27 kg	1.27 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
	Туре	Turbo Fan	Turbo Fan
	Motor (Output) [W]	65 W	65 W
Fan	Number of Unit (EA)	1.00 EA	1.00 EA
	Air Flow Rate (High / Mid / Low) [CMM]	8.00/7.10/6.30 CMM	9.30/8.00/6.70 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	133.30/118.30/105.00	155.00/133.30/111.70
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	32.0/29.0/25.0 dBA	34.0/30.0/26.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	48.0 dBA	51.0 dBA
	Net Weight (kg)	12.00 kg	12.00 kg
	Shipping Weight (kg)	14.00 kg	14.00 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	575 x 250 x 575 mm	575 x 250 x 575 mm
		623 x 298 x 653 mm	623 x 298 x 653 mm
	Shipping Dimensions (WxHxD) (mm) Panel Model	PC4SUSMAN / PC4SUSMEN	PC4SUSMAN / PC4SUSMEN
Panel Size	Panel Net Weight (kg)	3 kg	3 kg 4 kg
Panel Size	Shipping Weight (kg)	4 kg	· · · · · · · · · · · · · · · · · · ·
	Net Dimensions (WxHxD) (mm)	670 x 47 x 670 mm	670 x 47 x 670 mm
	Shipping Dimensions (WxHxD) (mm)	714 x 105 x 724 mm	714 x 105 x 724 mm
Power Supply (Outdoor U		1,2,220-240,50	1,2,220-240,50
	Туре	BLDC Rotary	BLDC Rotary
	Model	DA128A1FA-20F (Toshiba)	DA128A1FA-20F (Toshiba)
Compressor	Output(kW)	0.955 kW	0.955 kW
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	450 cc	450 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	33.00 CMM	33.00 CMM
	Air Flow Rate (Cooling) [L/S]	550	550
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	46.0 / 47.0 dBA	47.0 / 48.0 dBA
Sound (Outdoor Onit)	Sound Power (Cooling) [dB(A)]	59.0 dBA	62.0 dBA
	Net Weight(kg)	35.00 kg	35.00 kg
External Dimension	Shipping Weight (kg)	39.00 kg	39.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	790 x 548 x 285 mm
	Shipping Dimensions (WxHxD) (mm)	926 x 640 x 384 mm	926 x 640 x 384 mm
	Cooling (°C)	-20~50 °C	-20 ~ 50 °C
Operating Temp. Range	Heating (°C)	-25~24°C	-25~24 °C

CAC Mini 4-Way Cassette – Nordic

DIMENSIONAL DRAWINGS ACO26/35JNNCEH/EU





CAC 4-Way Cassette – Nordic

SPECIFICATIONS ACO71/100/125JN4CEH/EU



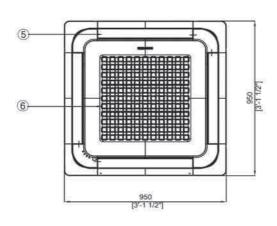
Model Code		AC071JN4CEH/EU	AC100JN4CEH/EU	AC125JN4CEH/EU
Features	Туре	CAC 4-Way	CAC 4-Way	CAC 4-Way
	Indoor Unit	AC071JN4CEH/EU	AC100JN4CEH/EU	AC125JN4CEH/EU
Model Name	Outdoor Unit	AC071JXSCEH/EU	AC100JXSCEH/EU	AC125JXSCGH/EU
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Cooling [kW]	1.70/7.10/8.50 kW	2.20/10.00/12.00 kW	2.20/12.50/14.00 kW
	Cooling [Btu/h]	5,800/24,200/29,000 Btu/h	7,500/34,100/40,900 Btu/h	7,500/42,600/47,700 Btu/h
Capacity	Heating [kW]	3.00/8.00/11.00 kW	3.30/11.20/17.00 kW	3.30/14.00/19.00 kW
	Heating [Btu/h]	10,200/27,200/37,500 Btu/h	11,200/38,200/58,000 Btu/h	11,200/47,700/64,800 Btu/h
	Cooling	0.71/1.80/2.20 kW	0.74/2.74/3.54 kW	0.74/3.89/4.25 kW
Power Input (Nominal)	Heating	0.68/1.99/5.08 kW	0.68/2.79/6.90 kW	0.68/3.77/7.20 kW
	Cooling	3.60/8.10/10.00 A	3.60/12.00/15.60 A	1.40/6.00/6.60 A
Current Input (Nominal)	Heating	3.40/9.00/22.00 A	3.30/12.40/30.00 A	1.30/6.00/11.00 A
_	MCA [A]	25.00 A	33.00 A	13.00 A
Power	MFA [A]	30.00 A	40.00 A	15.00 A
	EER (Nominal Cooling)	3.94	3.65	3.21
Energy Efficiency	COP (Nominal Heating)	4.02	4.01	3.71
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"
	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	15.88 mm
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"
	Installation Max. Length [m]	75(75) m	75(75) m	75(75) m
	Installation Max. Height [m]	30(30) m	30(30) m	30(30) m
	Power Source Wire	4.0~6.0	4.0~6.0	2.5~4.0
Field Wiring	Transmission Cable	0.75 ~ 1.25	0.75~1.25	0.75 ~ 1.25
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV	EEV	EEV
	Factory Charging (kg)	2.90 kg	2.90 kg	2.90 kg
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Туре	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	97 W	97 W	97 W
Fan	Number of Unit (EA)	1.00 EA	1.00 EA	1.00 EA
	Air Flow Rate (High / Mid / Low) [CMM]	19.50/17.50/15.50 CMM	30.00/24.00/18.90 CMM	30.00/24.00/18.90 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	325.00/291.70/258.30	500.00/400.00/315.00	500.00/400.00/315.00
Drain	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
	Sound Pressure (High / Mid / Low) [dB(A)]	36.0/33.0/30.0 dBA	43.0/38.0/33.0 dBA	44.0/39.0/34.0 dBA
Sound	Sound Power (Cooling) [dB(A)]	53.0 dBA	59.0 dBA	60.0 dBA
	Net Weight (kg)	18.00 kg	20.00 kg	20.00 kg
External Dimension	Shipping Weight (kg)	23.00 kg	25.00 kg	25.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	840 x 288 x 840 mm	840 x 288 x 840 mm	840 x 288 x 840 mm
	Shipping Dimensions (WxHxD) (mm)	898 x 357 x 898 mm	898 x 357 x 898 mm	898 x 357 x 898 mm
	Panel Model	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Panel Net Weight (kg)	5.9 kg	5.9 kg	5.9 kg
Panel Size	Shipping Weight (kg)	8.4 kg	8.4 kg	8.4 kg
	Net Dimensions (WxHxD) (mm)	950 x 45 x 950 mm	950 x 45 x 950 mm	950 x 45 x 950 mm
	Shipping Dimensions (WxHxD) (mm)	1005 x 100 x 1005 mm	1005 x 100 x 1005 mm	1005 x 100 x 1005 mm
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50
	Туре	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	UG5T450FUEJX	UG5T450FXAJX	UG5T450FXAJX
Compressor	Output(kW)	4.12 kW	4.01 kW	4.01 kW
	Oil (Type)	POE	POE	POE
	Oil (Initial Charge) [cc]	1,700 cc	1,700 cc	1,700 cc
F (0.44 11.3)	Air Flow Rate (Cooling) [CMM]	112.00 CMM	112.00 CMM	112.00 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	1,866.67	1,866.67	1,866.67
Savard (Outs)	Sound Pressure (Cooling / Heating) [dB(A)]	49.0 / 49.0 dBA	50.0 / 50.0 dBA	52.0 / 52.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	65.0 dBA	66.0 dBA	69.0 dBA
	Net Weight(kg)	96.00 kg	96.00 kg	96.00 kg
External Dimension	Shipping Weight (kg)	106.00 kg	106.00 kg	106.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1420 x 330 mm	940 x 1420 x 330 mm	940 x 1420 x 330 mm
<u></u>	Shipping Dimensions (WxHxD) (mm)	995 x 1598 x 426 mm	995 x 1598 x 426 mm	995 x 1598 x 426 mm
	Shipping Dimensions (wxnxD) (mm)	223 X 1320 X 420 IIIIII		
Operating Temp. Range	Cooling (°C)	-20~50°C	-20~50°C	-20~50 °C

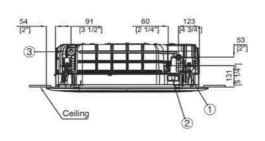
CAC 4-Way Cassette – Nordic

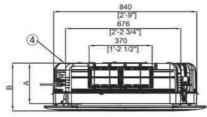
DIMENSIONAL DRAWINGS ACO71/100/125JN4CEH/EU



Units: mm







	Description	
	7.1kW, 10kW, 12.5kW	
A (mm)	288	
B (mm)	337	

No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain
4	Power and communication wiring conduits
5	Air outlet louver
6	Air inlet grille

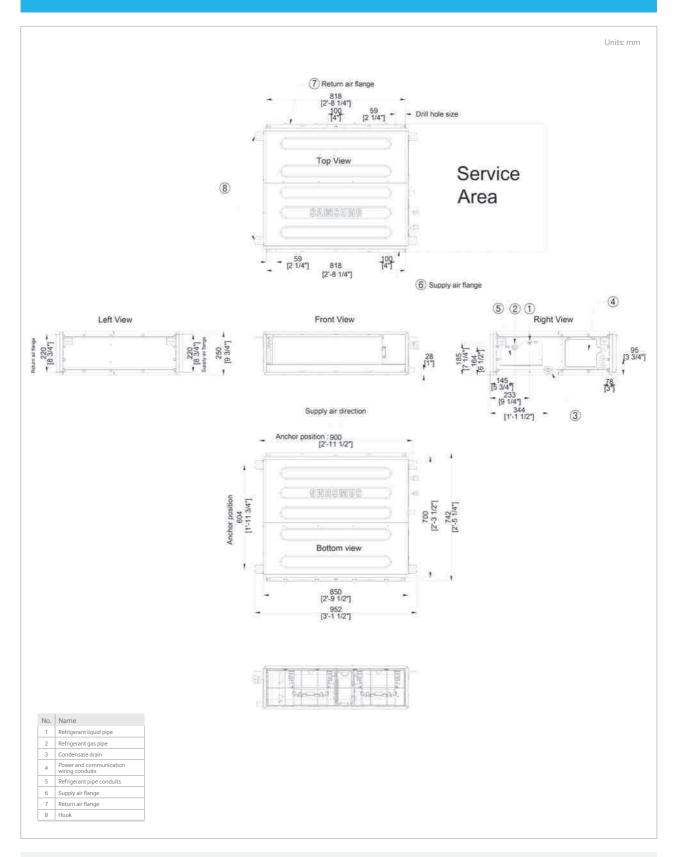
SPECIFICATIONS ACO35JNMCEH/EU



Model Code		AC035JNMCEH/EU
Features	Туре	CAC Duct
	Indoor Unit	AC035JNMCEH/EU
Model Name	Outdoor Unit	AC035JXSCEH/EU
System	Mode	HEAT PUMP
-	Cooling [kW]	0.90/3.50/4.20 kW
	Cooling [Btu/h]	3,000/11,900/14,300 Btu/h
Capacity	Heating [kW]	0.80/4.30/5.80 kW
	Heating [Btu/h]	2,700/14,600/19,700 Btu/h
	Cooling	0.19/0.94/1.26 kW
Power Input (Nominal)	Heating	0.16/1.18/1.65 kW
	Cooling	1.30/4.70/6.10 A
Current Input (Nominal)	Heating	1.10/5.40/7.00 A
	MCA [A]	1.10/3.40/7.00 A
Power		
	MFA [A]	12.70 A
	EER (Nominal Cooling)	3.72
Energy Efficiency	COP (Nominal Heating)	3.64
,	Energy Grade (Cooling)	A++ (6.50)
	Energy Grade (Heating)	A+ (4.40)
	Liquid Pipe (Φ, mm)	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"
Piping Connections	Gas Pipe (Φ, mm)	9.52 mm
r iping connections	Gas Pipe (Φ, inch)	3/8°
	Installation Max. Length [m]	20(20) m
	Installation Max. Height [m]	15(15) m
	Power Source Wire	2.5~4.0
Field Wiring	Transmission Cable	0.75~1.25
	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV
	Factory Charging (kg)	1.27 kg
Power Supply (Indoor Un		1,2,220-240,50
	Туре	Sirocco
	Motor (Output) [W]	153 W
	Number of Unit (EA)	2.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	12.90/110/9.50 CMM
Tall	Air Flow Rate (High / Mid / Low) [L/S]	215.00/183.30/158.30
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.50/15.00 mmAq
B :	External Static Pressure (Min / Std / Max) [Pa]	0.00/24.50/147.00 Pa
Drain	Drain Pipe (Φ,mm)	VP20 (0D 26,JD 20) mm
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	31.0/28.0/25.0 dBA
	Sound Power (Cooling) [dB(A)]	56.0 dBA
	Net Weight (kg)	25.00 kg
External Dimension	Shipping Weight (kg)	29.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	850 x 250 x 700 mm
	Shipping Dimensions (WxHxD) (mm)	1064 x 320 x 784 mm
Additional Accessories	Drain Pump	MDP-G075SP
	Drain Pump Max. Lifting Height / Displacement	750mm
Power Supply (Outdoor U	Jnit) [Φ, #, V, Hz]	1,2,220-240,50
	Туре	BLDC Rotary
	Model	DA128A1FA-20F (Toshiba)
Compressor	Output(kW)	0.955 kW
	Oil (Type)	POE
	Oil (Initial Charge) [cc]	450 cc
	Air Flow Rate (Cooling) [CMM]	33.00 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	550
	Sound Pressure (Cooling / Heating) [dB(A)]	47.0 / 48.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	47.07 48.0 dBA
		35.00 kg
		33.00 Kg
	Net Weight (kg)	20.001
External Dimension	Shipping Weight (kg)	39.00 kg
External Dimension (Outdoor Unit)	Shipping Weight (kg) Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm
External Dimension (Outdoor Unit)	Shipping Weight (kg) Net Dimensions (WxHxD) (mm) Shipping Dimensions (WxHxD) (mm)	790 x 548 x 285 mm 926 x 640 x 384 mm
External Dimension (Outdoor Unit)	Shipping Weight (kg) Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm

DIMENSIONAL DRAWINGS ACO35JNMCEH/EU





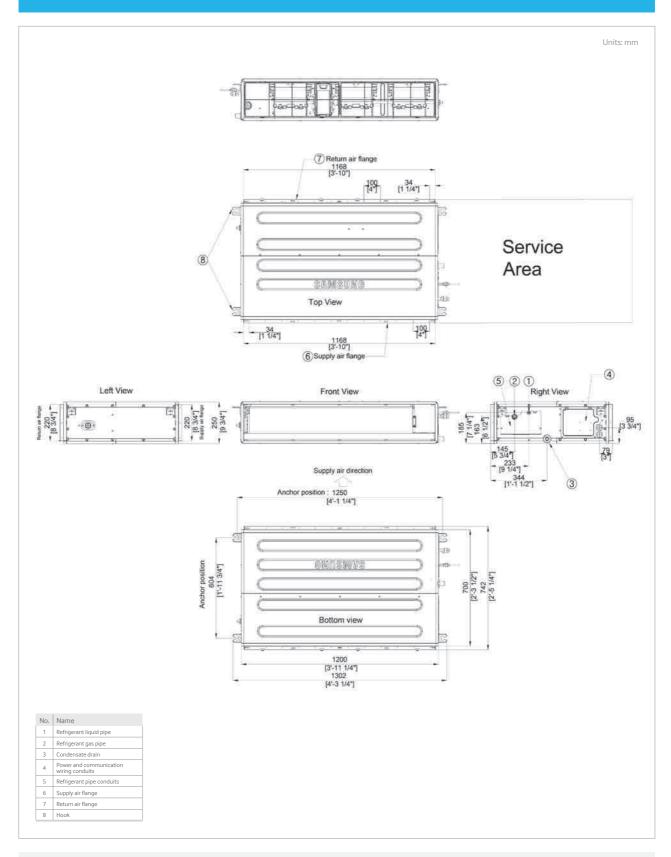
SPECIFICATIONS ACO71JNMCEH/EU



Model Code		AC071JNMCEH/EU
Features	Туре	CAC Duct
	Indoor Unit	AC071JNMCEH/EU
Model Name	Outdoor Unit	AC071JXSCEH/EU
System	Mode	НЕАТ РИМР
	Cooling [kW]	3.00/7.10/8.50 kW
	Cooling [Btu/h]	10,200/24,200/29,000 Btu/h
Capacity	Heating [kW]	3.00/8.00/11.00 kW
	Heating [Btu/h]	10,200/27,200/37,500 Btu/h
	Cooling	0.86/1.92/2.20 kW
Power Input (Nominal)	Heating	0.71/2.05/4.10 kW
	Cooling	4,30/8,70/10,00 A
Current Input (Nominal)	Heating	3.60/9.30/18.00 A
	MCA [A]	26.70 A
Power	MFA [A]	30.00 A
	EER (Nominal Cooling)	3.7
	COP (Nominal Heating)	3.9
Energy Efficiency	Energy Grade (Cooling)	A++ (6,10)
	Energy Grade (Heating)	A+ (4,00)
	Liquid Pipe (Ф, mm)	9.52 mm
	Liquid Pipe (Ф, Infin) Liquid Pipe (Ф, inch)	9.52 min
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm 5/8*
	Gas Pipe (Φ, inch)	
	Installation Max. Length [m]	75(75) m
	Installation Max. Height [m]	30(30) m
Field Wiring	Power Source Wire	4.0~6.0
	Transmission Cable	0.75~1.25
	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV
	Factory Charging (kg)	2.90 kg
Power Supply (Indoor Un		1.2,220-240,50
	Туре	Sirocco
	Motor (Output) [W]	153 W
	Number of Unit (EA)	3.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	21.00/18.50/16.50 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	350.00/308.30/275.00
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/3.00/15.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/29.40/147.00 Pa
Drain	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	33.0/29.0/25.0 dBA
	Sound Power (Cooling) [dB(A)]	56.0 dBA
	Net Weight (kg)	32.00 kg
External Dimension (Indoor Unit)	Shipping Weight (kg)	37.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1200 x 250 x 700 mm
	Shipping Dimensions (WxHxD) (mm)	1429 x 320 x 779 mm
Additional Accessories	Drain Pump	MDP-G075SP
	Drain Pump Max. Lifting Height / Displacement	750mm
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	1,2,220-240,50
	Туре	Twin BLDC Rotary
	Model	UGST450FUEJX
Compressor	Output(kW)	4.12 kW
	Oil (Type)	POE
	Oil (Initial Charge) [cc]	1,700 cc
	Air Flow Rate (Cooling) [CMM]	112.00 CMM
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [L/S]	112
	Sound Pressure (Cooling / Heating) [dB(A)]	49.0 / 49.0 dBA
Sound (Outdoor Unit)	Sound Power (Cooling) [dB(A)]	65,0 dBA
	Net Weight (kg)	96,00 kg
External Dimension	Shipping Weight (kg)	106.00 kg
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1420 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1598 x 426 mm
	Cooling (°C)	-20~50 °C
	5	22 30 0
Operating Temp. Range	Heating (°C)	-25~24°C

DIMENSIONAL DRAWINGS ACO71JNMCEH/EU





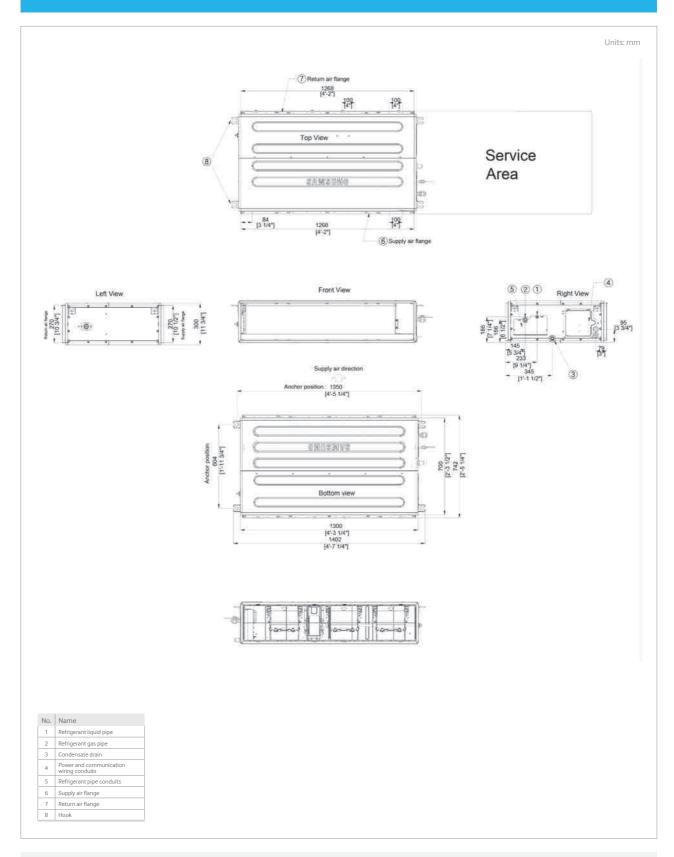
SPECIFICATIONS AC100/125JNMCEH/EU



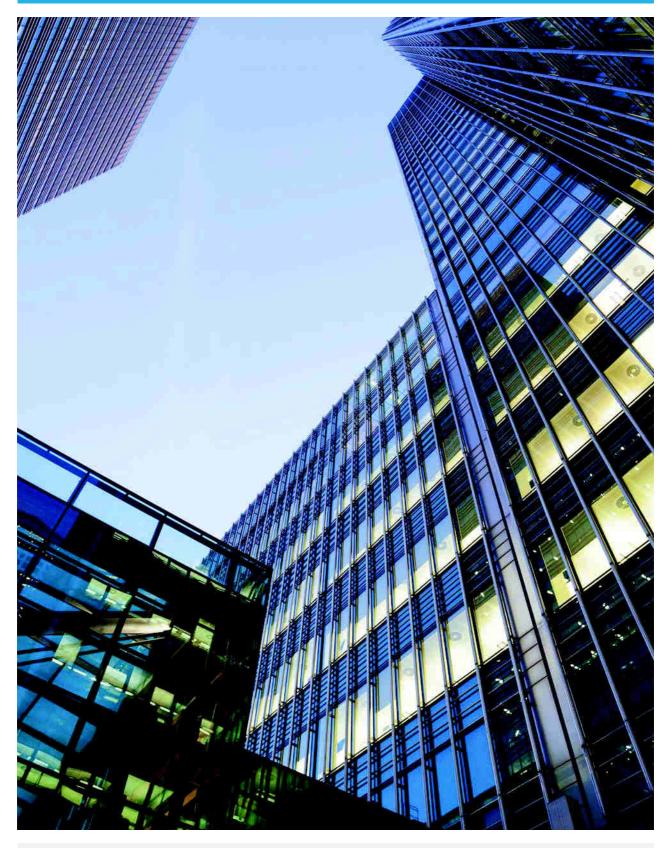
Model Code		AC100JN4CEH/EU	AC125JN4CEH/EU
Features	Туре	CAC Duct	CAC Duct
	Indoor Unit	AC100JNMCEH/EU	AC125JNMCEH/EU
Model Name	Outdoor Unit	AC100JXSCEH/EU	AC125JXSCGH/EU
System	Mode	HEAT PUMP	HEAT PUMP
.,	Cooling [kW]	3.50/10.00/12.00 kW	3.50/12.50/14.00 kW
	Cooling [Btu/h]	11,900/34,100/40,900 Btu/h	11,900/42,600/47,700 Btu/h
Capacity	Heating [kW]	3.70/11.20/17.00 kW	3.70/14.00/19.00 kW
	Heating [Btu/h]	12,600/38,200/58,000 Btu/h	12,600/47,700/64,800 Btu/h
	Cooling	0.95/2.74/3.54 kW	0.95/3.79/4.60 kW
Power Input (Nominal)	Heating	0.81/2.47/6.90 kW	0.81/3.58/7.20 kW
	Cooling	4.20/12.00/15.60 A	1.40/6.00/7.00 A
Current Input (Nominal)	Heating	4.30/11.80/30.00 A	1.70/5.60/11.00 A
	MCA [A]	34.70 A	14.70 A
Power	MFA [A]	40.00 A	15.00 A
	EER (Nominal Cooling)	3.65	3.3
Energy Efficiency	COP (Nominal Heating)	4.53	3,91
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"
	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"
	Installation Max, Length [m]	75(75) m	75(75) m
	Installation Max. Height [m]	30(30) m	30(30) m
	Power Source Wire	4.0~6.0	2.5~4.0
Field Wiring	Transmission Cable	0.75~1.25	0.75~1.25
	Type	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV	EEV
Kemgerani	Factory Charging (kg)	2.90 kg	2.90 kg
Power Supply (Indoor Un		1,2,220-240,50	1,2,220-240,50
rower supply (Indoor of		1,2,220-240,30 Sirocco	1,2,220-240,30 Sirocco
	Type Motor (Output) [W]	244 W	244 W
	Number of Unit (EA)	3.00 EA	3.00 EA
Fan	Air Flow Rate (High / Mid / Low) [CMM]	36.10/29.30/24.00 CMM	38.60/33.00/26.20 CMM
raii	Air Flow Rate (High / Mid / Low) [L/S]	601.70/488.30/400.00	643.30/550.00/436.70
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/4.00/15.00 mmAq	0.00/5.20/15.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/39.20/147.00 Pa	0.00/50.96/147.00 Pa
Drain	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
DIAIII		37.0/33.0/28.0 dBA	39.0/35.0/31.0 dBA
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	61.0 dBA	63.0 dBA
	Sound Power (Cooling) [dB(A)] Net Weight (kg)	36.00 kg	36.00 kg
		42.00 kg	42.00 kg
External Dimension (Indoor Unit)	Shipping Weight (kg) Net Dimensions (WxHxD) (mm)	42.00 kg 1300 x 300 x 700 mm	42.00 kg 1300 x 300 x 700 mm
	Shipping Dimensions (WxHxD) (mm)	1500 x 300 x 700 mm	1529 x 370 x 779 mm
		MDP-G075SP	MDP-G075SP
Additional Accessories	Drain Pump	750mm	750mm
Power Supply (Outdoor L	Drain Pump Max. Lifting Height / Displacement	1,2,220-240,50	3,4,380-415,50
Power Supply (Outdoor C			
	Туре	Twin BLDC Rotary	Twin BLDC Rotary UGST450FXAJX
	Model	UG5T450FXAJX	
Compressor	Output(kW)	4.01 kW	4.01 kW
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	1,700 cc	1,700 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	112.00 CMM	112.00 CMM
	Air Flow Rate (Cooling) [L/S]	1,866.67	1,866.67
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating) [dB(A)]	50.0 / 50.0 dBA	52.0 / 52.0 dBA
	Sound Power (Cooling) [dB(A)]	66.0 dBA	69.0 dBA
	Net Weight (kg)	96.00 kg	96.00 kg
External Dimension	Shipping Weight (kg)	106.00 kg	106.00 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1420 x 330 mm	940 x 1420 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1598 x 426 mm	995 x 1598 x 426 mm
Operating Temp. Range	Cooling (°C)	-20~50°C	-20~50°C
,	Heating (°C)	-25~24°C	-25~24°C

DIMENSIONAL DRAWINGS AC100/125JNMCEH/EU









Line-up

Cassette

Model	Model						
			4-Way S	4-Way S (600x600)	Slim 1-Way	1-Way	2-Way
		1.7		• (1.5)		•	
		2.2		•	•	•	
		2.8		•	•		
		3.6		•	•		
		4.5	•	•			
Capacity (kW)		5.6	•	•			•
(kW)		6.0		•			
	7.1		•				•
	9.0		•				
	11.2		•				
	12.8		•				
		14.0	•				
		Powerful Airflow	•	•	•	•	
		Ceiling Dust Prevention	•	•	•	•	
Features	**************************************	Fresh Air Intake	•	•			
		High Lift-up Drain Pump	•	•	•	•	•
		Sub Duct	•	•			

Duct

Model				Į.		
		HSP	MSP	Slim	Duct S	Duct S(AC6000J)
	1.7			•		
	2.2			•		
	2.8		•	•		
	3.6		•	•	•	
	4.5		•	•	•	
	5.6		•	•	•	
	7.1		•	•	•	
Capacity	9.0		•	•	•	
	11.2	•	•	•	•	
	12.8	•	•	•	•	
	14.0	•	•	•	•	
	18.0					•
	20.0					•
	22.0	•				
	28.0	•				
	Pre Filter	•	•	•	•	•
Features	Easy Filter Cleaning	•	•	•	•	•
	High Lift-up Drain Pump (Optional)	•	•	•	•	•
	Smart Pressure Control	•	•	•	•	•

Line-up

Wall-mounted



Console and Ceiling

Model				
			Console	Ceiling (AC4000J)
		2.8	•	
		3.6	•	
Capacity		5.6	•	•
Coposity	7.1			•
		11.2		•
	14			•
	000	Virus Doctor	•	• (optional)
	Omen	Interior Design	•	•
Features		Anti-virus Filter	•	•
		Lightweight Unit	•	•
		Flexible Pipe Installation	•	•

Concealed Floor Standing

Model		
	3.6	•
Capacity	5.6	•
	7.1	•

Line-up

ERV Plus



ERV Plus Features

Feature	
Damper	•
Direct Expansion (DX) Coil	•
Humidifier element (Optional)	•
Supply/Exhaust Fan	•
Dust Filter	•
Heat Exchanger Element	•
Control Box	•
Temperature Sensor	•
CO ₂ Sensor (Optional)	•
BLDC Fan Motor	•
Energy Saving Operation (Auto Mode)	•
New Diamond Type Element	•
Flexible Installation	
Slim Design	•
Silent Operation	•
Virus Doctor (Optional)	•

Line-up

Hydro Unit



OAP

Model	Phase	
	14.0	•
Capacity (Heating, kW)	22.0	•
	28.0	•

SPECIFICATIONS
AM022/028/036FN1DEH/EU

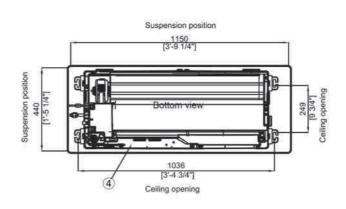


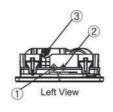
Model Code		AM022FN1DEH/EU		
Features	Туре	1-Way Cassette	1-Way Cassette	1-Way Cassette
Model Name	Indoor Unit	AM022FN1DEH/EU	AM028FN1DEH/EU	AM036FN1DEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	2.20 kW	2.80 kW	3.60 kW
	Cooling [Btu/h]	7,500 Btu/h	9,600 Btu/h	12,300 Btu/h
Capacity	Heating [kW]	2.50 kW	3.20 kW	4.00 kW
	Heating [Btu/h]	8,500 Btu/h	10,900 Btu/h	13,600 Btu/h
	Cooling [W]	40 W	45 W	50.00 W
Power Input (Nominal)	Heating [W]	40 W	45 W	50.00 W
	Cooling	0.20 A	0.23 A	0.25 A
Current Input (Nominal)	Heating	0.20 A	0.23 A	0.25 A
	Туре	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	17 x 1 W	17 x 1 W	17 x 1 W
an	Air Flow Rate (High / Mid / Low) [CMM]	6.00/5.00/4.00 CMM	7.00/6.00/5.00 CMM	8.00/7.00/6.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	100.00/83.33/66.67	116.67/100.00/83.33	133.33/116.67/100.00
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
	Power Source Wire	1.5~2.5	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.50	0.75~1.50	0.75~1.50
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure (High / Mid / Low) [dB(A)]	27.0/25.0/23.0 dBA	29.0/27.0/24.0 dBA	35.0/31.0/27.0 dBA
Sound	Sound Power	45.0 dBA	48.0 dBA	52.0 dBA
	Net Weight (kg)	10.50 kg	10.50 kg	10.50 kg
External Dimension	Shipping Weight (kg)	13.00 kg	13.00 kg	13.00 kg
Indoor Unit)	Net Dimensions (WxHxD) (mm)	970 x 135 x 410 mm	970 x 135 x 410 mm	970 x 135 x 410 mm
	Shipping Dimensions (WxHxD) (mm)	1164 x 212 x 478 mm	1164 x 212 x 478 mm	1164 x 212 x 478 mm
	Panel Model	PC1NUSMAN	PC1NUSMAN	PC1NUSMAN
	Panel Net Weight (kg)	3.00 kg	3.00 kg	3.00 kg
Panel Size	Shipping Weight (kg)	5.00 kg	5.00 kg	5.00 kg
	Net Dimensions (WxHxD) (mm)	1180 x 25 x 460 mm	1180 x 25 x 460 mm	1180 x 25 x 460 mm
	Shipping Dimensions (WxHxD) (mm)	1259 x 144 x 539 mm	1259 x 144 x 539 mm	1259 x 144 x 539 mm

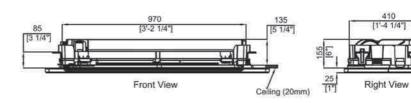
DIMENSIONAL DRAWINGS AM022/028/036FN1DEH/EU

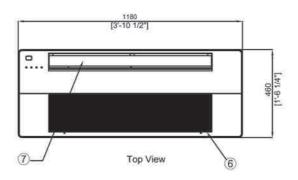












No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain
4	Power and communication wiring conduits
5	Air discharge louver
6	Air suction grille

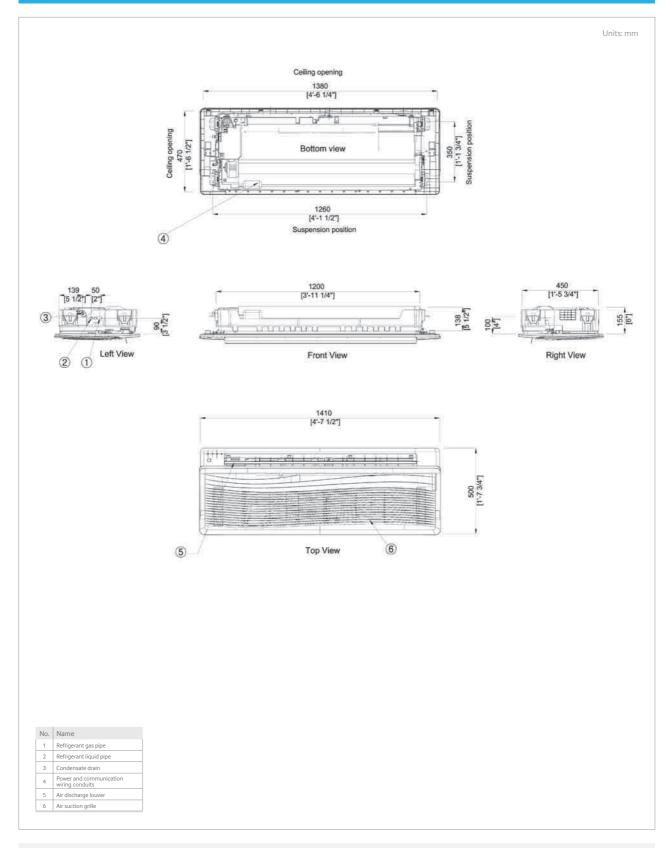
SPECIFICATIONS AM056/071JN1DEH



Model Code			
Features	Туре	1-Way Cassette	1-Way Cassette
Model Name	Indoor Unit	AM056JN1DEH	AM071JN1DEH
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP	HEAT PUMP
Capacity	Cooling [kW]	5.6 kW	7.1 kW
	Cooling [Btu/h]	19,100 Btu/h	24,200 Btu/h
	Heating [kW]	6.3 kW	8.0 kW
	Heating [Btu/h]	21,500 Btu/h	27,300 Btu/h
Power Input (Nominal)	Cooling [W]	55.0 W	80.0 W
	Heating [W]	55.0 W	80.0 W
Current Input (Nominal)	Cooling	0.28 A	0.40 A
	Heating	0.28 A	0.40 A
	Туре	Crossflow Fan	Crossflow Fan
_	Motor (Output) [W]	54 x 1 W	54 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	16.0/14.0/12.5 CMM	17.0/15.5/14.0 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	266.67/233.33/208.33	283.33/258.33/233.33
	Liquid Pipe (Φ, mm)	6.35 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	5/8"
	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
Field Wiring	Power Source Wire	1.5~2.5	1.5~2.5
	Transmission Cable	0.75~1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Control Method	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	36.0/33.0/31.0 dBA	39.0/37.0/34.0 dBA
	Sound Power	58.0 dBA	60.0 dBA
	Net Weight (kg)	14.5 kg	14.5 kg
External Dimension	Shipping Weight (kg)	18.5 kg	18.5 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1200 x 138 x 450 mm	1200 x 138 x 450 mm
	Shipping Dimensions (WxHxD) (mm)	1435 x 224 x 525 mm	1435 x 224 x 525 mm
Panel Size	Panel Model	PC1BWSMAN	PC1BWSMAN
	Panel Net Weight (kg)	6.3 kg	6.3 kg
	Shipping Weight (kg)	8.3 kg	8.3 kg
	Net Dimensions (WxHxD) (mm)	1410 x 23 x 500 mm	1410 x 23 x 500 mm
	Shipping Dimensions (WxHxD) (mm)	1474 x 122 x 566 mm	1474 x 122 x 566 mm

DIMENSIONAL DRAWINGS AM056/071JN1DEH





DVM Indoor 1-Way

SPECIFICATIONS
AM017/022HN1DEH/EU

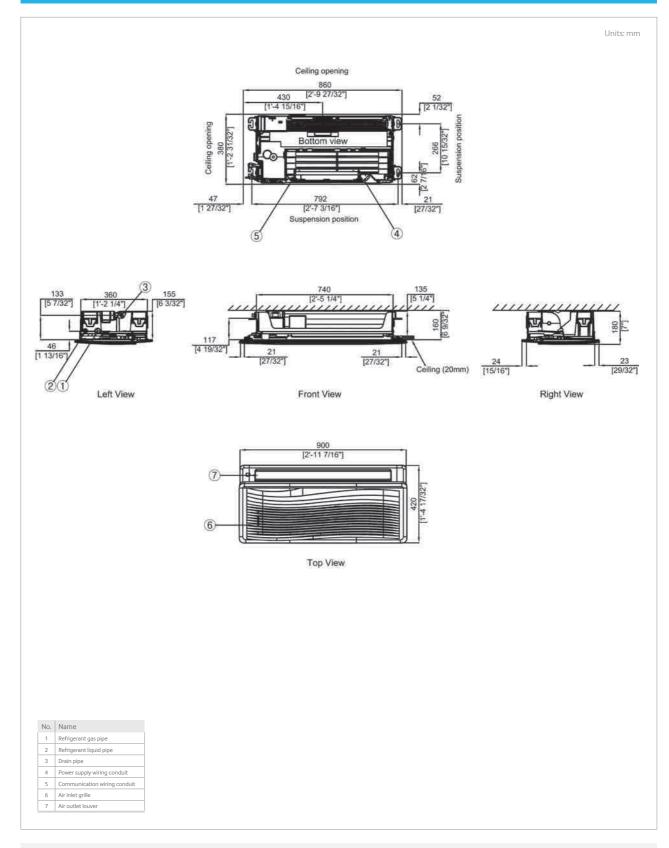


Model Code		AM017HN1DEH/EU	AM022HN1DEH/EU
Features	Туре	1-Way Cassette	1-Way Cassette
Model Name	Indoor Unit	AM017HN1DEH/EU	AM022HN1DEH/EU
Power Supply (Indoor Un	iit) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR
Capacity	Cooling [kW]	1.70 kW	2.20 kW
	Cooling [Btu/h]	5,800 Btu/h	7,500 Btu/h
	Heating [kW]	1.90 kW	2.50 kW
	Heating [Btu/h]	6,500 Btu/h	8,500 Btu/h
Power Input (Nominal)	Cooling [W]	24.00 W	25.00 W
	Heating [W]	24.00 W	25.00 W
Current Input (Nominal)	Cooling	0.14 A	0.15 A
	Heating	0.14 A	0.15 A
	Туре	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	27 x 1 W	27 x 1 W
-	Air Flow Rate (High / Mid / Low) [CMM]	4.80/4.30/4.10 CMM	5.10/4.60/4.30 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	80.00/71.67/68.33	85.00/76.67/71.67
	External Static Pressure (Min / Std / Max) [mmAq]	12.70 mm	12.70 mm
	External Static Pressure (Min / Std / Max) [Pa]	1/2"	1/2"
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"
	Drain Pipe (Φ,mm)	VP20 (OD 26,ID 20) mm	VP20 (OD 26,ID 20) mm
Field Wiring	Power Source Wire	1.5~2.5	1.5~2.5
	Transmission Cable	0.75~1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Control Method	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	27.0/24.0/21.0 dBA	27.0/25.0/23.0 dBA
	Sound Power	46.0 dBA	48.0 dBA
External Dimension (Indoor Unit)	Net Weight (kg)	8.00 kg	8.00 kg
	Shipping Weight (kg)	10.80 kg	10.80 kg
	Net Dimensions (WxHxD) (mm)	740 x 135 x 360 mm	740 x 135 x 360 mm
	Shipping Dimensions (WxHxD) (mm)	895 x 223 x 435 mm	895 x 223 x 435 mm
Panel Size	Panel Model	PC1MWSKAN	PC1MWSKAN
	Panel Net Weight (kg)	2.60 kg	2.60 kg
	Shipping Weight (kg)	4.20 kg	4.20 kg
	Net Dimensions (WxHxD) (mm)	900 x 25 x 420 mm	900 x 25 x 420 mm
	Shipping Dimensions (WxHxD) (mm)	958 x 112 x 482 mm	958 x 112 x 482 mm

DVM Indoor 1-Way

DIMENSIONAL DRAWINGS AMO17/022HN1DEH/EU





DVM Indoor 2-Way

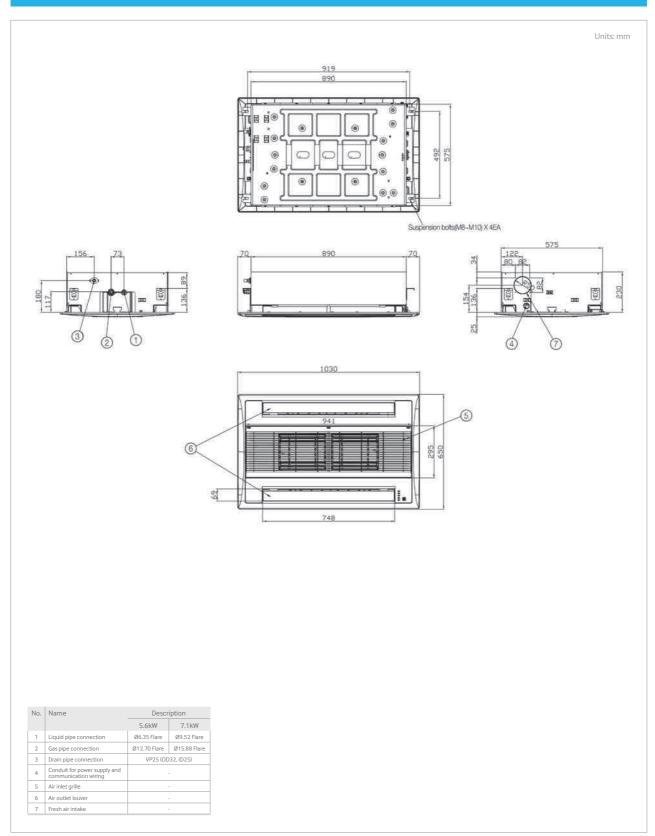
SPECIFICATIONS
AM056/071FN2DEH/EU



Model Code			
Features	Туре	2-Way Cassette	2-Way Cassette
Model Name	Indoor Unit	AM056FN2DEH/EU	AM071FN2DEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR
Capacity	Cooling [kW]	5.60 kW	7.10 kW
	Cooling [Btu/h]	19,100 Btu/h	24,200 Btu/h
	Heating [kW]	6.30 kW	8.00 kW
	Heating [Btu/h]	21,500 Btu/h	27,300 Btu/h
Power Input (Nominal)	Cooling [W]	70.00 W	75.00 W
	Heating [W]	70.00 W	75.00 W
Current Input (Nominal)	Cooling	0.38 A	0.40 A
	Heating	0.38 A	0.40 A
	Туре	Crossflow Fan	Crossflow Fan
-	Motor (Output) [W]	14 x 2 W	14 x 2 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	14.00/13.00/12.00 CMM	15.00/14.00/13.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	233.33/216.67/200.00	250.00/233.33/216.67
	Liquid Pipe (Φ, mm)	6.35 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
er i i ive :	Power Source Wire	1.5~2.5	1.5 ~ 2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Control Method	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	38.0/37.0/35.0 dBA	41.0/39.0/37.0 dBA
	Sound Power	58.0 dBA	60.0 dBA
	Net Weight (kg)	21.00 kg	22.00 kg
External Dimension	Shipping Weight (kg)	25.00 kg	26.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	890 x 230 x 575 mm	890 x 230 x 575 mm
	Shipping Dimensions (WxHxD) (mm)	1077 x 299 x 642 mm	1077 x 299 x 642 mm
Panel Size	Panel Model	PC2NUSMEN	PC2NUSMEN
	Panel Net Weight (kg)	4.00 kg	4.00 kg
	Shipping Weight (kg)	8.00 kg	8.00 kg
	Net Dimensions (WxHxD) (mm)	1030 x 25 x 650 mm	1030 x 25 x 650 mm
	Shipping Dimensions (WxHxD) (mm)	1103 x 151 x 727 mm	1103 x 151 x 727 mm

DIMENSIONAL DRAWINGS
AM056/071FN2DEH/EU





SPECIFICATIONS AM015HNNDEH/EU, AM022/028/036FNNDEH/EU



Model Code			AM022FNNDEH/EU		
Features	Туре	4-Way Cassette (600x600)	4-Way Cassette S (600x600)	4-Way Cassette S (600x600)	4-Way Cassette S (600x600)
Model Name	Indoor Unit	AM015HNNDEH/EU	AM022FNNDEH/EU	AM028FNNDEH/EU	AM036FNNDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	1.50 kW	2.20 kW	2.80 kW	3.60 kW
Capacity	Cooling [Btu/h]	5,100 Btu/h	7,500 Btu/h	9,600 Btu/h	12,300 Btu/h
	Heating [kW]	1.70 kW	2.50 kW	3.20 kW	4.00 kW
	Heating [Btu/h]	5,800 Btu/h	8,500 Btu/h	10,900 Btu/h	13,600 Btu/h
	Cooling [W]	18.00 W	18.00 W	18.00 W	20.00 W
Power Input (Nominal)	Heating [W]	18.00 W	18.00 W	18.00 W	20.00 W
	Cooling	0.17 A	0.17 A	0.17 A	0.19 A
Current Input (Nominal)	Heating	0.17 A	0.17 A	0.17 A	0.19 A
	Туре	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	65 x 1 W			
Fan	Air Flow Rate (High / Mid / Low) [CMM]	8.20/7.00/6.30 CMM	9.00/7.70/6.50 CMM	10.00/8.50/7.50 CMM	10.50/9.50/8.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	136.67/116.67/105.00	150.00/128.33/108.33	166.67/141.67/125.00	175.00/158.33/133.33
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm	12.70 mm
Piping Connections	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm			
	Power Source Wire	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.50	0.75~1.50	0.75~1.50	0.75~1.50
n.c.	Туре	R410A (Fluorinated greenhouse gas)			
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	30.0/28.0/23.0 dBA	32.0/29.0/25.0 dBA	33.0/30.0/26.0 dBA	34.0/30.0/26.0 dBA
Sound	Sound Power	46.0 dBA	47.0 dBA	50.0 dBA	51.0 dBA
	Net Weight (kg)	12.00 kg	12.00 kg	12.00 kg	12.00 kg
External Dimension	Shipping Weight (kg)	14.00 kg	14.00 kg	14.00 kg	14.00 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	575 x 250 x 575 mm			
	Shipping Dimensions (WxHxD) (mm)	623 x 298 x 653 mm			
	Panel Model	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN	PC4SUSMAN
	Panel Net Weight (kg)	2.70 kg	2.70 kg	2.70 kg	2.70 kg
Panel Size	Shipping Weight (kg)	4.20 kg	4.20 kg	4.20 kg	4.20 kg
	Net Dimensions (WxHxD) (mm)	670 x 45 x 670 mm			
	Shipping Dimensions (WxHxD) (mm)	714 x 106 x 724 mm			

DIMENSIONAL DRAWINGS AMO15HNNDEH/EU, AMO22/028/036FNNDEH/EU



Units: mm 6 No. Name Description Ø6.35mm (1/4") Flare 1 Liquid pipe connection 2 Gas pipe connection Ø12.70mm (1/2") Flare Drain pipe connection VP25 (OD32, ID25) 5 Air inlet grille Fresh air intake Ø100

SPECIFICATIONS
AM045/056/060FNNDEH/EU



Model Code				
Features	Туре	4-Way Cassette S (600x600)	4-Way Cassette S (600x600)	4-Way Cassette S (600x600)
Model Name	Indoor Unit	AM045FNNDEH/EU	AM056FNNDEH/EU	AM060FNNDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	4.50 kW	5.60 kW	6.00 kW
Capacity	Cooling [Btu/h]	15,400 Btu/h	19,100 Btu/h	20,500 Btu/h
	Heating [kW]	5.00 kW	6.30 kW	6.80 kW
	Heating [Btu/h]	17,100 Btu/h	21,500 Btu/h	23,200 Btu/h
Power Input (Nominal)	Cooling [W]	23.00 W	28.00 W	31.00 W
Power input (Nominal)	Heating [W]	23.00 W	28.00 W	31.00 W
	Cooling	0.22 A	0.27 A	0.30 A
Current Input (Nominal)	Heating	0.22 A	0.27 A	0.30 A
	Туре	Turbo Fan	Turbo Fan	Turbo Fan
_	Motor (Output) [W]	65 x 1 W	65 x 1 W	65 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	11.50/10.20/9.00 CMM	13.00/11.00/9.50 CMM	13.50/12.00/10.20 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	191.67/170.00/150.00	216.67/183.33/158.33	225.00/200.00/170.00
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
er court	Power Source Wire	1.5~2.5	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75 ~ 1.50	0.75 ~ 1.50
Deficerent	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	36.0/34.0/32.0 dBA	39.0/36.0/33.0 dBA	40.0/38.0/35.0 dBA
Sound	Sound Power	53.0 dBA	56.0 dBA	57.0 dBA
	Net Weight (kg)	12.00 kg	12.00 kg	12.00 kg
External Dimension	Shipping Weight (kg)	14.00 kg	14.00 kg	14.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	575 x 250 x 575 mm	575 x 250 x 575 mm	575 x 250 x 575 mm
	Shipping Dimensions (WxHxD) (mm)	623 x 298 x 653 mm	623 x 298 x 653 mm	623 x 298 x 653 mm
	Panel Model	PC4SUSMAN PC4SUSMAN	PC4SUSMAN	PC4SUSMAN
	Panel Net Weight (kg)	2.70 kg	2.70 kg	2.70 kg
Panel Size	Shipping Weight (kg)	4.20 kg	4.20 kg	4.20 kg
	Net Dimensions (WxHxD) (mm)	670 x 45 x 670 mm	670 x 45 x 670 mm	670 x 45 x 670 mm
	Shipping Dimensions (WxHxD) (mm)	714 x 106 x 724 mm	714 x 106 x 724 mm	714 x 106 x 724 mm

DIMENSIONAL DRAWINGS AMO45/056/060FNNDEH/EU



Units: mm 3 7 (5) 6 No. Name Description Ø6.35mm (1/4") Flare 1 Liquid pipe connection Ø12.70mm (1/2") Flare 2 Gas pipe connection Drain pipe connection VP25 (OD32, ID25) 5 Air inlet grille 6 Air outlet louv 7 Fresh air intak Fresh air intake Ø100

SPECIFICATIONS
AM045/056/071/090FN4DEH/EU

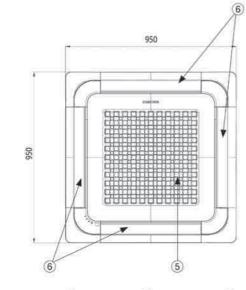


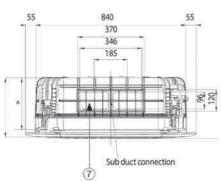
Model Code			AM056FN4DEH/EU	AM071FN4DEH/EU	
Features	Туре	4-Way Cassette S	4-Way Cassette S	4-Way Cassette S	4-Way Cassette S
Model Name	Indoor Unit	AM045FN4DEH/EU	AM056FN4DEH/EU	AM071FN4DEH/EU	AM090FN4DEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
Capacity	Cooling [kW]	4.50 kW	5.60 kW	7.10 kW	9.00 kW
	Cooling [Btu/h]	15,400 Btu/h	19,100 Btu/h	24,200 Btu/h	30,700 Btu/h
	Heating [kW]	5.00 kW	6.30 kW	8.00 kW	10.00 kW
	Heating [Btu/h]	17,100 Btu/h	21,500 Btu/h	27,300 Btu/h	34,100 Btu/h
D 1 1/41 1 0	Cooling [W]	32.00 W	32.00 W	45.00 W	62.00 W
Power Input (Nominal)	Heating [W]	32.00 W	32.00 W	45.00 W	62.00 W
0 11 101 10	Cooling	0.22 A	0.22 A	0.31 A	0.43 A
Current Input (Nominal)	Heating	0.22 A	0.22 A	0.31 A	0.43 A
	Туре	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	TBC	TBC	TBC	TBC
Fan	Air Flow Rate (High / Mid / Low) [CMM]	14.50/13.50/12.50 CMM	15.00/14.00/13.00 CMM	17.00/15.50/14.50 CMM	19.50/18.00/16.50 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	241.67/225.00/208.33	250.00/233.33/216.67	283.33/258.33/241.67	325.00/300.00/275.00
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	15.88 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	5/8"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm			
er i i ive :	Power Source Wire	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)			
Reingerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	33.0/32.0/30.0 dBA	33.0/32.0/30.0 dBA	35.0/34.0/33.0 dBA	39.0/36.0/33.0 dBA
Sound	Sound Power	49.0 dBA	50.0 dBA	54.0 dBA	57.0 dBA
	Net Weight (kg)	15.50 kg	15.50 kg	15.50 kg	15.50 kg
External Dimension	Shipping Weight (kg)	19.50 kg	19.50 kg	19.50 kg	19.50 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	840 x 204 x 840 mm			
	Shipping Dimensions (WxHxD) (mm)	898 x 275 x 898 mm			
	Panel Model	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Panel Net Weight (kg)	5.80 kg	5.80 kg	5.80 kg	5.80 kg
Panel Size	Shipping Weight (kg)	8.40 kg	8.40 kg	8.40 kg	8.40 kg
	Net Dimensions (WxHxD) (mm)	950 x 45 x 950 mm			
	Shipping Dimensions (WxHxD) (mm)	1005 x 100 x 1005 mm			

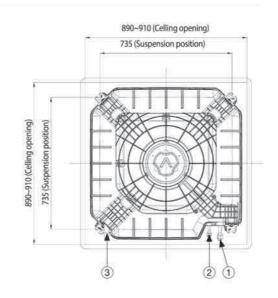
DIMENSIONAL DRAWINGS AM045/056/071/090FN4DEH/EU

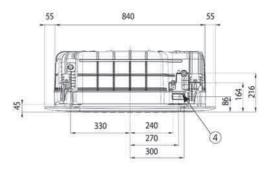


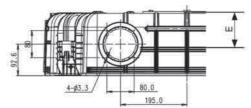












		Description			
		4.5/5.6kW	7.1/9.0kW		
А	mm	204			
В	mm	253			

No.	Name	Description				
		4.5kW	5.6kW	7.1kW	9.0kW	
1	Liquid pipe connection	Ø6.35	Ø6.35 Flare		2 Flare	
2	Gas pipe connection	Ø12.70 Flare		Ø15.88 Flare		
3	Drain pipe connection	VP25 (OD32, ID25)				
4	Conduit for power supply and communication wiring	-				
5	Air inlet grille	-				
6	Air outlet louver	-				
7	Sub-duct	-				

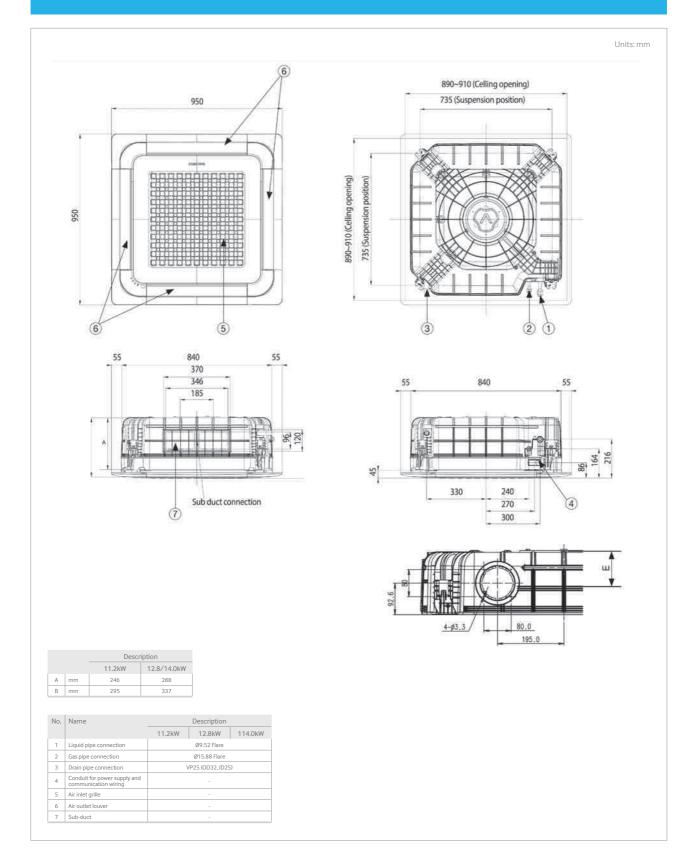
SPECIFICATIONS
AM112/128/140FN4DEH/EU



Model Code		AM112FN4DEH/EU	AM128FN4DEH/EU	AM140FN4DEH/EU
Features	Туре	4-Way Cassette S	4-Way Cassette S	4-Way Cassette S
Model Name	Indoor Unit	AM112FN4DEH/EU	AM128FN4DEH/EU	AM140FN4DEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	11.20 kW	12.80 kW	14.00 kW
Capacity	Cooling [Btu/h]	38,200 Btu/h	43,700 Btu/h	47,800 Btu/h
	Heating [kW]	12.50 kW	13.80 kW	16.00 kW
	Heating [Btu/h]	42,700 Btu/h	47,100 Btu/h	54,600 Btu/h
Power Input (Nominal)	Cooling [W]	78.00 W	73.00 W	89.00 W
Power Input (Nominal)	Heating [W]	78.00 W	73.00 W	89.00 W
0 11 101 10	Cooling	0.55 A	0.51 A	0.62 A
Current Input (Nominal)	Heating	0.55 A	0.51 A	0.62 A
	Туре	Turbo Fan	Turbo Fan	Turbo Fan
	Motor (Output) [W]	TBC	TBC	TBC
Fan	Air Flow Rate (High / Mid / Low) [CMM]	26.00/24.00/22.00 CMM	28.00/26.00/23.00 CMM	30.00/28.00/26.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	433.33/400.00/366.67	466.67/433.33/383.33	500.00/466.67/433.33
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	15.88 mm
	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
er i i ive :	Power Source Wire	1.5~2.5	1.5 ~ 2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75 ~ 1.50	0.75~1.50
Defilement	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	40.0/38.0/35.0 dBA	42.0/40.0/35.0 dBA	44.0/41.0/35.0 dBA
Sound	Sound Power	57.0 dBA	58.0 dBA	60.0 dBA
	Net Weight (kg)	17.00 kg	19.00 kg	19.00 kg
External Dimension	Shipping Weight (kg)	20.00 kg	22.50 kg	22.50 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	840 x 246 x 840 mm	840 x 288 x 840 mm	840 x 288 x 840 mm
	Shipping Dimensions (WxHxD) (mm)	898 x 316 x 898 mm	898 x 357 x 898 mm	898 x 357 x 898 mm
	Panel Model	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Panel Net Weight (kg)	5.80 kg	5.80 kg	5.80 kg
Panel Size	Shipping Weight (kg)	8.40 kg	8.40 kg	8.40 kg
	Net Dimensions (WxHxD) (mm)	950 x 45 x 950 mm	950 x 45 x 950 mm	950 x 45 x 950 mm
	Shipping Dimensions (WxHxD) (mm)	1005 x 100 x 1005 mm	1005 x 100 x 1005 mm	1005 x 100 x 1005 mm

DIMENSIONAL DRAWINGS
AM112/128/140FN4DEH/EU





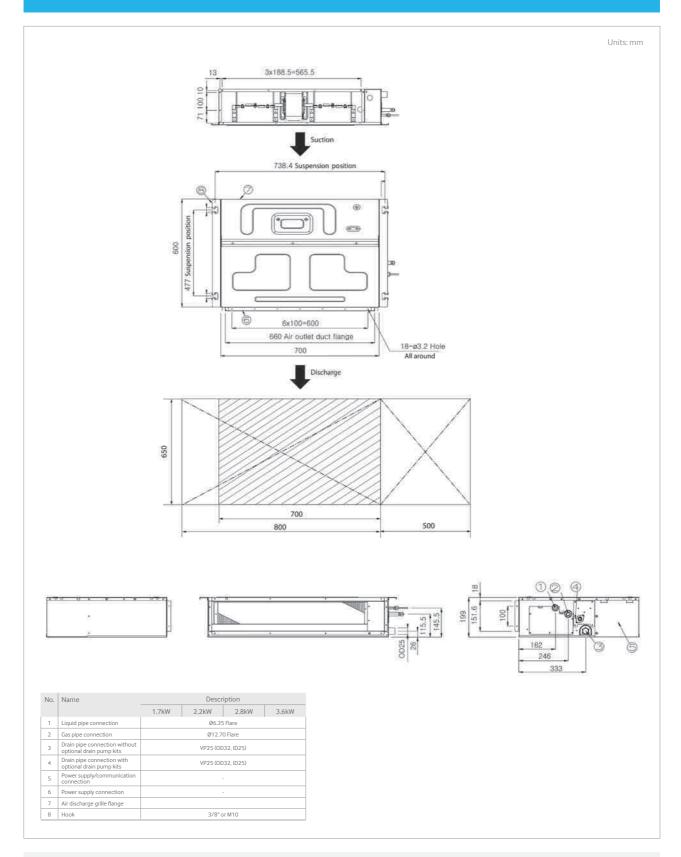
SPECIFICATIONS
AM017/022/028/036FNLDEH/EU



Model Code		AM017FNLDEH/EU	AM022FNLDEH/EU	AM028FNLDEH/EU	AM036FNLDEH/EU
Features	Туре	Slim Duct	Slim Duct	Slim Duct	Slim Duct
Model Name	Indoor Unit	AM017FNLDEH/EU	AM022FNLDEH/EU	AM028FNLDEH/EU	AM036FNLDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
Capacity	Cooling [kW]	1.70 kW	2.20 kW	2.80 kW	3.60 kW
	Cooling [Btu/h]	5,800 Btu/h	7,500 Btu/h	9,600 Btu/h	12,300 Btu/h
	Heating [kW]	1.90 kW	2.50 kW	3.20 kW	4.00 kW
	Heating [Btu/h]	6,500 Btu/h	8,500 Btu/h	10,900 Btu/h	13,600 Btu/h
D 1 141 : 0	Cooling [W]	55.00 W	55.00 W	60.00 W	65.00 W
Power Input (Nominal)	Heating [W]	55.00 W	55.00 W	60.00 W	65.00 W
C	Cooling	0.30 A	0.30 A	0.32 A	0.33 A
Current Input (Nominal)	Heating	0.30 A	0.30 A	0.32 A	0.33 A
	Туре	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	41 x 1 W	69 x 1 W	TBC	TBC
Fan	Air Flow Rate (High / Mid / Low) [CMM]	5.50/4.30/3.20 CMM	7.00/6.10/5.30 CMM	7.50/6.60/5.60 CMM	7.50/6.60/5.60 CMM
ran	Air Flow Rate (High / Mid / Low) [L/S]	91.67/71.67/53.33	116.67/101.67/88.33	125.00/110.00/93.33	125.00/110.00/93.33
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/1.00/3.00 mmAq	0.00/1.00/3.00 mmAq	0.00/1.00/3.00 mmAq	0.00/1.00/3.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/9.81/29.42 Pa	0.00/9.81/29.42 Pa	0.00/9.81/29.42 Pa	0.00/9.81/29.42 Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm			
Field Wiring	Power Source Wire	1.5~2.5	1.5 ~ 2.5	1.5~ 2.5	1.5~2.5
rieid Willing	Transmission Cable	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)			
Reingerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	23.0/22.0/20.0 dBA	26.0/24.0/21.0 dBA	28.0/26.0/23.0 dBA	32.0/30.0/27.0 dBA
Sound	Sound Power	49.0 dBA	49.0 dBA	49.0 dBA	51.0 dBA
	Net Weight (kg)	19.00 kg	19.00 kg	19.00 kg	19.50 kg
External Dimension	Shipping Weight (kg)	23.00 kg	23.00 kg	23.00 kg	23.50 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	700 x 199 x 600 mm			
	Shipping Dimensions (WxHxD) (mm)	950 x 270 x 710 mm			
Additional Accessories	Drain Pump	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D

DIMENSIONAL DRAWINGS AM017/022/028/036FNLDEH/EU





SPECIFICATIONS
AM045/056FNLDEH/EU



Model Code		AM045FNLDEH/EU	AM056FNLDEH/EU	
Features	Туре	Slim Duct	Slim Duct	
Model Name	Indoor Unit	AM045FNLDEH/EU	AM056FNLDEH/EU	
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	
System	Mode	HP/HR	HP/HR	
	Cooling [kW]	4.50 kW	5.60 kW	
Capacity	Cooling [Btu/h]	15,400 Btu/h	19,100 Btu/h	
	Heating [kW]	5.00 kW	6.30 kW	
	Heating [Btu/h]	17,100 Btu/h	21,500 Btu/h	
D 1 (4) 1 0	Cooling [W]	90.00 W	95.00 W	
Power Input (Nominal)	Heating [W]	90.00 W	95.00 W	
0 11 101 10	Cooling	0.52 A	0.53 A	
Current Input (Nominal)	Heating	0.52 A	0.53 A	
	Туре	Sirocco Fan	Sirocco Fan	
	Motor (Output) [W]	TBC	TBC	
-	Air Flow Rate (High / Mid / Low) [CMM]	11.00/9.60/8.30 CMM	12.00/10.50/9.00 CMM	
Fan	Air Flow Rate (High / Mid / Low) [L/S]	183.33/160.00/138.33	200.00/175.00/150.00	
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.00/4.00 mmAq	0.00/2.00/4.00 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	0.00/19.61/39.23 Pa	0.00/19.61/39.23 Pa	
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	
	Liquid Pipe (Φ, inch)	1/4"	1/4"	
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	
	Gas Pipe (Φ, inch)	1/2"	1/2"	
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	
Field Wiring	Power Source Wire	1.5~2.5	1.5~2.5	
rieid wiring	Transmission Cable	0.75~1.50	0.75~1.50	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Reingerant	Control Method	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	35.0/31.0/26.0 dBA	36.0/34.0/31.0 dBA	
Sound	Sound Power	53.0 dBA	55.0 dBA	
	Net Weight (kg)	24.5 kg	24.50 kg	
External Dimension	Shipping Weight (kg)	28.5 kg	28.5 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	900 x 199 x 600 mm	900 x 199 x 600 mm	
	Shipping Dimensions (WxHxD) (mm)	1150 x 280 x 710 mm	1150 x 280 x 710 mm	
Additional Accessories	Drain Pump	MDP-E075SEE3D	MDP-E075SEE3D	

DIMENSIONAL DRAWINGS AMO45/056FNLDEH/EU



Units: mm 3X256=768 10 100 938.4 Suspension position 477 Suspension position 28 8X100=800 860 Air outlet duct flange 22-ø3.2 Hole 900 All around Discharge 650 900 500 1000 0000 182 246 333 No. Name 4.5kW 5.6kW Liquid pipe connection 2 Gas pipe connection Drain pipe connection without optional drain pump kits

Drain pipe connection with optional drain pump kits VP25 (OD32, ID25) VP25 (OD32, ID25) 5 Control unit 6 Conduit for power supply and communication wiring
7 Return air side 8 Air outlet duct flange

SPECIFICATIONS AM071FNLDEH/EU

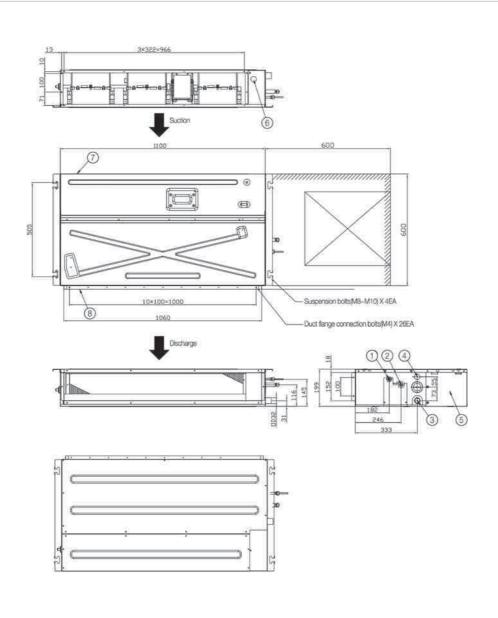


Model Code		AM071FNLDEH/EU
Features	Туре	Slim Duct
Model Name	Indoor Unit	AM071FNLDEH/EU
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1,2,220-240,50
System	Mode	нр/нг
	Cooling [kW]	7.10 kW
	Cooling [Btu/h]	24,200 Btu/h
Capacity	Heating [kW]	8.00 kW
	Heating [Btu/h]	27,300 Btu/h
Device less & (Noncie of)	Cooling [W]	120.00 W
Power Input (Nominal)	Heating [W]	120.00 W
Current Input (Nominal)	Cooling	0.60 A
Current input (Nominal)	Heating	0.60 A
	Туре	Sirocco Fan
	Motor (Output) [W]	TBC
Fan	Air Flow Rate (High / Mid / Low) [CMM]	16.50/15.00/13.50 CMM
ran	Air Flow Rate (High / Mid / Low) [L/S]	275.00/250.00/225.00
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.00/4.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/19.61/39.23 Pa
	Liquid Pipe (Φ, mm)	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm
	Gas Pipe (Φ, inch)	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm
Field Wiring	Power Source Wire	1.5~2.5
rieid Willing	Transmission Cable	0.75 ~ 1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)
Reingerant	Control Method	EEVINCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	38.0/36.0/33.0 dBA
Sound	Sound Power	57.0 dBA
	Net Weight (kg)	30.00 kg
External Dimension	Shipping Weight (kg)	34.5 kg
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	1100 x 199 x 600 mm
	Shipping Dimensions (WxHxD) (mm)	1350 x 280 x 710 mm
Additional Accessories	Drain Pump	MDP-E075SEE3D

DIMENSIONAL DRAWINGS AMO71FNLDEH/EU







No.	Name	Description
		7.1kW
1	Liquid pipe connection	Ø9.52 Flare
2	Gas pipe connection	Ø15.88 Flare
3	Drain pipe connection without optional drain pump kits	VP25 (OD32, ID25)
4	Drain pipe connection with optional drain pump kits	VP25 (OD32, ID25)
5	Control unit	-
6	Conduit for power supply and communication wiring	-
7	Return air side	-
8	Air outlet duct flange	-

SPECIFICATIONS
AM090/112/128/140FNLDEH/EU



Model Code		AM090FNLDEH/EU	AM112FNLDEH/EU	AM128FNLDEH/EU	AM140FNLDEH/EU
Features	Туре	Slim Duct	Slim Duct	Slim Duct	Slim Duct
Model Name	Indoor Unit	AM090FNLDEH/EU	AM112FNLDEH/EU	AM128FNLDEH/EU	AM140FNLDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	9.00 kW	11.20 kW	12.80 kW	14.00 kW
Capacity	Cooling [Btu/h]	30,700 Btu/h	38,200 Btu/h	43,700 Btu/h	47,800 Btu/h
	Heating [kW]	10.00 kW	12.50 kW	13.80 kW	16.00 kW
	Heating [Btu/h]	34,100 Btu/h	42,700 Btu/h	47,100 Btu/h	54,600 Btu/h
	Cooling [W]	170.00 W	170.00 W	200.00 W	220.00 W
Power Input (Nominal)	Heating [W]	170.00 W	170.00 W	200.00 W	220.00 W
	Cooling	0.96 A	0.96 A	1.28 A	1.43 A
Current Input (Nominal)	Heating	0.96 A	0.96 A	1.28 A	1.43 A
	Туре	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	TBC	TBC	TBC	TBC
	Air Flow Rate (High / Mid / Low) [CMM]	29.00/27.00/25.00 CMM	31.20/29.00/27.00 CMM	34.00/32.00/30.00 CMM	36.00/34.00/32.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	483.33/450.00/416.67	520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/3.00/6.00 mmAq	0.00/3.00/6.00 mmAq	0.00/3.00/6.00 mmAq	0.00/3.00/6.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/29.42/58.84 Pa	0.00/29.42/58.84 Pa	0.00/29.42/58.84 Pa	0.00/29.42/58.84 Pa
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	15.88 mm	15.88 mm
	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm			
E LINE :	Power Source Wire	1.5~2.5	1.5~2.5	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.50	0.75~1.50	0.75 ~ 1.50	0.75~1.50
D.C.	Туре	R410A (Fluorinated greenhouse gas)			
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure (High / Mid / Low) [dB(A)]	37.0/36.0/33.0 dBA	37.0/36.0/34.0 dBA	37.0/36.0/34.0 dBA	39.0/38.0/36.0 dBA
Sound	Sound Power	64.0 dBA	64.0 dBA	64.0 dBA	65.0 dBA
	Net Weight (kg)	40 kg	40 kg	46.00 kg	46.00 kg
External Dimension	Shipping Weight (kg)	47 kg	47 kg	54.00 kg	54.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1300 x 295 x 690 mm			
	Shipping Dimensions (WxHxD) (mm)	1575 x 370 x 835 mm			
Additional Accessories	Drain Pump	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D

DIMENSIONAL DRAWINGS
AM090/112/128/140FNLDEH/EU

8 Air outlet duct flange



Units: mm 4×290+1160 (E) 477 - Suspension bolts(M8-M10) X 4EA (8) -Duct flange connection bolts(M4) X 32EA No. Name 9.0kW 11.2kW 12.8kW 14.0kW Liquid pipe connection 2 Gas pipe connection Ø15.88 Flare Drain pipe connection without optional drain pump kits

Drain pipe connection with optional drain pump kits VP25 (OD32, ID25) VP25 (OD32, ID25) Control unit 6 Conduit for pow communication 7 Return air side

SPECIFICATIONS
AM022/028/036FNMDFH/FU



Model Code		AM022FNMDEH/EU	AM028FNMDEH/EU	AM036FNMDEH/EU
Features	Туре	MSP Duct	MSP Duct	MSP Duct
Model Name	Indoor Unit	AM022FNMDEH/EU	AM028FNMDEH/EU	AM036FNMDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	2.20 kW	2.80 kW	3.60 kW
Capacity	Cooling [Btu/h]	7,500 Btu/h	9,600 Btu/h	12,300 Btu/h
	Heating [kW]	2.50 kW	3.20 kW	4.00 kW
	Heating [Btu/h]	8,500 Btu/h	10,900 Btu/h	13,600 Btu/h
	Cooling [W]	80.00 W	80.00 W	85.00 W
Power Input (Nominal)	Heating [W]	80.00 W	80.00 W	85.00 W
	Cooling	0.40 A	0.40 A	0.55 A
Current Input (Nominal)	Heating	0.40 A	0.40 A	0.55 A
	Туре	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	69 x 1 W	69 x 1 W	112 x 1 W
_	Air Flow Rate (High / Mid / Low) [CMM]	8.50/7.50/6.30 CMM	10.00/9.20/7.50 CMM	12.00/10.20/8.80 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	141.67/125.00/105.00	166.67/153.33/125.00	200.00/170.00/146.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.00/6.00 mmAq	0.00/2.00/6.00 mmAq	0.00/2.00/6.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/19.61/58.84 Pa	0.00/19.61/58.84 Pa	0.00/19.61/58.84 Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
E. Line:	Power Source Wire	1.5 ~ 2.5	1.5 ~ 2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75 ~ 1.50	0.75~1.50
n.c	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
<u> </u>	Sound Pressure (High / Mid / Low) [dB(A)]	23.0/21.0/19.0 dBA	24.0/22.0/19.0 dBA	29.0/27.0/24.0 dBA
Sound	Sound Power	47.0 dBA	48.0 dBA	53.0 dBA
	Net Weight (kg)	23.50 kg	23.50 kg	23.50 kg
External Dimension (Indoor Unit)	Shipping Weight (kg)	28.00 kg	28.00 kg	28.00 kg
	Net Dimensions (WxHxD) (mm)	900 x 199 x 600 mm	900 x 199 x 600 mm	900 x 199 x 600 mm
	Shipping Dimensions (WxHxD) (mm)	1150 x 280 x 710 mm	1150 x 280 x 710 mm	1150 x 280 x 710 mm
	Drain Pump	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750 / 24	750 / 24	750 / 24
	Air Filter	Long life filter	Long life filter	Long life filter

DIMENSIONAL DRAWINGS AM022/028/036FNMDEH/EU



Units: mm 3X256=768 11.9 10 100 938.4 Suspension position 0 0 477 Suspension position 28 (13) 900 8X100=800 860 Air outlet duct flange 22-ø3.2 Hole 900 All around Discharge 650 900 1000 500 0000 246 No. Name 2.2kW 2.8kW 3.6kW Liquid pipe connection 2 Gas pipe connection Ø12.70 Flare Drain pipe connection without optional drain pump kits

Drain pipe connection with optional drain pump kits VP25 (OD32, ID25) VP25 (OD32, ID25) 5 Control Unit 7 Return air side 8 Air outlet duct flange

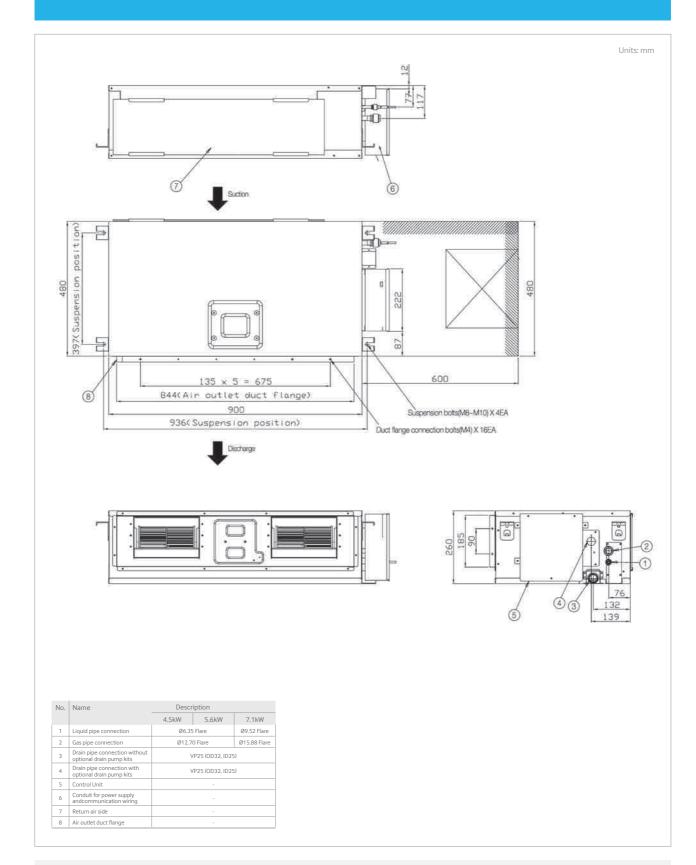
SPECIFICATIONS
AM045/056/071FNMDEH/EU



Model Code		AM045FNMDEH/EU	AM056FNMDEH/EU	AM071FNMDEH/EU
Features	Туре	MSP Duct	MSP Duct	MSP Duct
Model Name	Indoor Unit	AM045FNMDEH/EU	AM056FNMDEH/EU	AM071FNMDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	4.50 kW	5.60 kW	7.10 kW
	Cooling [Btu/h]	15,400 Btu/h	19,100 Btu/h	24,200 Btu/h
Capacity	Heating [kW]	5.00 kW	6.30 kW	8.00 kW
	Heating [Btu/h]	17,100 Btu/h	21,500 Btu/h	27,300 Btu/h
Power Input (Nominal)	Cooling [W]	125.00 W	130.00 W	190.00 W
Power Input (Nominal)	Heating [W]	125.00 W	130.00 W	190.00 W
Current Input (Nominal)	Cooling	1.15 A	1.10 A	1.25 A
Current input (Nomina)	Heating	1.15 A	1.10 A	1.25 A
	Туре	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	219 x 1 W	124 x 1 W	124 x 1 W
F	Air Flow Rate (High / Mid / Low) [CMM]	14.00/12.00/10.50 CMM	14.50/13.00/11.50 CMM	18.50/17.00/15.50 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	233.33/200.00/175.00	241.67/216.67/191.67	308.33/283.33/258.33
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/4.00/8.00 mmAq	0.00/4.00/8.00 mmAq	0.00/4.00/8.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/39.23/78.45 Pa	0.00/39.23/78.45 Pa	0.00/39.23/78.45 Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
Field Wiring	Power Source Wire	1.5~2.5	1.5 ~ 2.5	1.5 ~ 2.5
rieid Willing	Transmission Cable	0.75~1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Kenigerani	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	32.0/30.0/28.0 dBA	35.0/33.0/31.0 dBA	39.0/35.0/31.0 dBA
Souria	Sound Power	54.0 dBA	57.0 dBA	61.0 dBA
	Net Weight (kg)	29.00 kg	29.00 kg	29.00 kg
External Dimension	Shipping Weight (kg)	33.00 kg	33.00 kg	33.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	900 x 260 x 480 mm	900 x 260 x 480 mm	900 x 260 x 480 mm
	Shipping Dimensions (WxHxD) (mm)	1170 x 340 x 595 mm	1170 x 340 x 595 mm	1170 x 340 x 595 mm
	Drain Pump	MDP-M075SGU3D	MDP-M075SGU3D	MDP-M075SGU3D
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750 / 24	750 / 24	750 / 24
	Air Filter	Long life filter	Long life filter	Long life filter

DIMENSIONAL DRAWINGS AM045/056/071FNMDEH/EU





SPECIFICATIONS AM090FNMDEH/EU



Model Code		AM090FNMDEH/EU
Features	Туре	MSP Duct
Model Name	Indoor Unit	AM090FNMDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50
System	Mode	нр/нг
	Cooling [kW]	9.00 kW
	Cooling [Btu/h]	30,700 Btu/h
Capacity	Heating [kW]	10.00 kW
	Heating [Btu/h]	34,100 Btu/h
D 1 (4) 1 0	Cooling [W]	240.00 W
Power Input (Nominal)	Heating [W]	240.00 W
0 11 101 10	Cooling	1.30 A
Current Input (Nominal)	Heating	1.30 A
	Туре	Sirocco Fan
	Motor (Output) [W]	130×1 W
-	Air Flow Rate (High / Mid / Low) [CMM]	19.50/18.00/16.50 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	325.00/300.00/275.00
	External Static Pressure (Min / Std / Max) [mmAq]	4.00/6.00/8.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	39.23/58.84/78.45 Pa
	Liquid Pipe (Φ, mm)	9.52 mm
	Liquid Pipe (Φ, inch)	3/8*
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm
	Gas Pipe (Φ, inch)	5/8*
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm
Field Wiring	Power Source Wire	1.5~2.5
rieid wiring	Transmission Cable	0.75~1.50
Pofrigorant	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEVINCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	40.0/37.0/34.0 dBA
Sound	Sound Power	63.0 dBA
	Net Weight (kg)	32 kg
External Dimension	Shipping Weight (kg)	36 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1150 x 260 x 480 mm
	Shipping Dimensions (WxHxD) (mm)	1420 x 340 x 595 mm
	Drain Pump	MDP-M075SGU1D
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750/24
	Air Filter	Long life filter

DIMENSIONAL DRAWINGS AM090FNMDEH/EU



Units: mm Suction 397 (Suspension position) 1 6X135=810 904 (Air putlet duct flange) Suspension boits(M8-M10) X 4EA 1150 1188 (Suspension position) (8) -Duct flange connection bolts(M4) X 16EA

No.	Name	Description
		9.0kW
1	Liquid pipe connection	Ø9.52 Flare
2	Gas pipe connection	Ø15.88 Flare
3	Drain pipe connection without optional drain pump kits	VP25 (OD32, ID25)
4	Drain pipe connection with optional drain pump kits	VP25 (OD32, ID25)
5	Control Unit	-
6	Conduit for power supply andcommunication wiring	-
7	Return air side	-
8	Air outlet duct flange -	





Model Code		AM112FNMDEH/EU
Features	Туре	MSP Duct
Model Name	Indoor Unit	AM112FNMDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50
System	Mode	HP/HR
	Cooling [kW]	11.20 kW
	Cooling [Btu/h]	38,200 Btu/h
Capacity	Heating [kW]	12.50 kW
	Heating [Btu/h]	42,700 Btu/h
D 1 (4) 1 0	Cooling [W]	260.00 W
Power Input (Nominal)	Heating [W]	260.00 W
0	Cooling	1.17 A
Current Input (Nominal)	Heating	1.17 A
	Туре	Sirocco Fan
	Motor (Output) [W]	130×1 W
-	Air Flow Rate (High / Mid / Low) [CMM]	27.00/25.00/23.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	450.00/416.67/383.33
	External Static Pressure (Min / Std / Max) [mmAq]	4.00/8.00/12.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	39.23/78.45/117.68 Pa
	Liquid Pipe (Φ, mm)	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm
	Gas Pipe (Φ, inch)	5/8*
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm
Field Wiring	Power Source Wire	1.5~2.5
rieid Willing	Transmission Cable	0.75 ~ 1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)
Kenigerani	Control Method	EEVINCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	41.0/40.0/38.0 dBA
Sound	Sound Power	66.0 dBA
	Net Weight (kg)	36.5 kg
External Dimension	Shipping Weight (kg)	40.5 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1150 x 320 x 480 mm
	Shipping Dimensions (WxHxD) (mm)	1420 x 400 x 595 mm
	Drain Pump	MDP-M075SGU1D
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750/24
	Air Filter	Long life filter

DIMENSIONAL DRAWINGS AM112FNMDEH/EU



Suction

Suction

Suppression botts/Ne-Mrig x 4EA

1150

1186 (Suspension post 1 cm)

Discharge

D

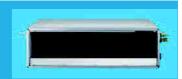
No.	Name Description		
		11.2kW	
1	Liquid pipe connection	Ø9.52 Flare	
2	Gas pipe connection	Ø15.88 Flare	
3	Drain pipe connection without optional drain pump kits	VP25 (OD32, ID25)	
4	Drain pipe connection with optional drain pump kits VP25 (OD32, ID25)		
5	Control unit	-	
6	Conduit for power supply andcommunication wiring		
7	Return air side -		
8	Air outlet duct flange	-	

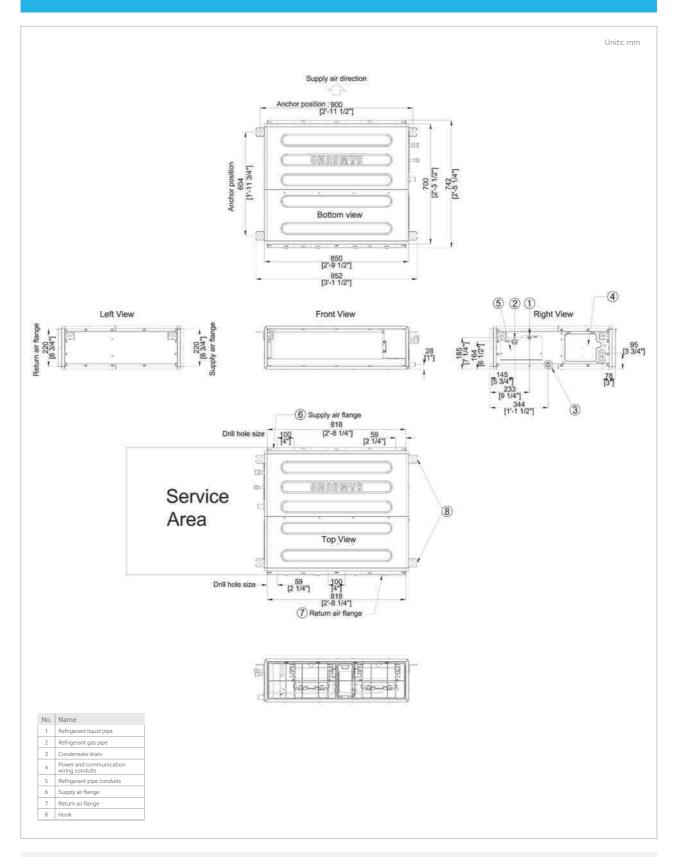
SPECIFICATIONS AM036/045/056/071HNMPKH/EU



Model Code		AM036HNMPKH/EU	AM045HNMPKH/EU	AM056HNMPKH/EU	AM071HNMPKH/EU
Features	Туре	Duct S	Duct S	Duct S	Duct S
Model Name	Indoor Unit	AM036HNMPKH/EU	AM045HNMPKH/EU	AM056HNMPKH	AM071HNMPKH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	3.60 kW	4.50 kW	5.60 kW	7.10 kW
	Cooling [Btu/h]	12,300 Btu/h	15,400 Btu/h	19,100 Btu/h	24,200 Btu/h
Capacity	Heating [kW]	4.00 kW	5.00 kW	6.30 kW	8.00 kW
	Heating [Btu/h]	13,600 Btu/h	17,100 Btu/h	21,500 Btu/h	27,300 Btu/h
D 1 1/41 1 0	Cooling [W]	50.00 W	60.00 W	70.00 W	120.00 W
Power Input (Nominal)	Heating [W]	50.00 W	60.00 W	70.00 W	120.00 W
	Cooling	0.50 A	0.60 A	0.70 A	1.00 A
Current Input (Nominal)	Heating	0.50 A	0.60 A	0.70 A	1.00 A
	Туре	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	153 x 1 W			
-	Air Flow Rate (High / Mid / Low) [CMM]	12.00/9.50/8.00 CMM	14.00/11.00/8.00 CMM	16.00/13.50/11.00 CMM	22.00/19.00/16.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	200.00/158.33/133.33	233.33/183.33/133.33	266.67/225.00/183.33	366.67/316.67/266.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/2.50/15.00 mmAq	0.00/3.00/15.00 mmAq	0.00/3.00/15.00 mmAq	0.00/3.00/15.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/24.52/147.10 Pa	0.00/29.42/147.10 Pa	0.00/29.42/147.10 Pa	0.00/29.42/147.10 Pa
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm			
TI-I-I-ME-I	Power Source Wire	1.5~2.5	1.5 ~ 2.5	1.5~ 2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.5	0.75~1.5	0.75 ~ 1.5	0.75 ~ 1.5
Deficerent	Туре	R410A (Fluorinated greenhouse gas)			
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
6 1	Sound Pressure (High / Mid / Low) [dB(A)]	29.0/26.0/23.0 dBA	31.0/28.0/24.0 dBA	32.0/29.0/25.0 dBA	37.0/33.0/29.0 dBA
Sound	Sound Power	47.0 dBA	49.0 dBA	49.0 dBA	57.0 dBA
	Net Weight (kg)	25.50 kg	25.50 kg	25.50 kg	25.50 kg
External Dimension	Shipping Weight (kg)	30.00 kg	30.00 kg	30.00 kg	30.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	850 x 250 x 700 mm			
	Shipping Dimensions (WxHxD) (mm)	1064 x 320 x 784 mm			
	Drain Pump	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750 / 24	750 / 24	750 / 24	750 / 24
	Air Filter	Long life filter	Long life filter	Long life filter	Long life filter

DIMENSIONAL DRAWINGS AM036/045/056/071HNMPKH/EU





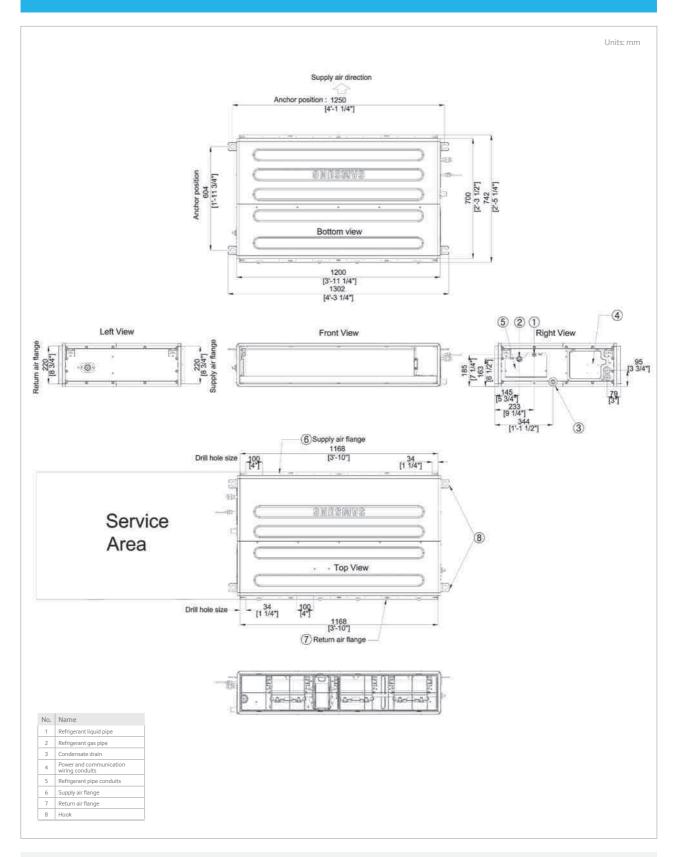
SPECIFICATIONS AM090HNMPKH/EU



Model Code		AM090HNMPKH/EU
Features	Туре	Duct S
Model Name	Indoor Unit	AM090HNMPKH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50
System	Mode	HP/HR
	Cooling [kW]	9.00 kW
	Cooling [Btu/h]	30,700 Btu/h
Capacity	Heating [kW]	10.00 kW
	Heating [Btu/h]	34,100 Btu/h
D 1 (01 : 0	Cooling [W]	145.00 W
Power Input (Nominal)	Heating [W]	145.00 W
0	Cooling	1.20 A
Current Input (Nominal)	Heating	1.20 A
	Туре	Sirocco Fan
	Motor (Output) [W]	153 x 1 W
-	Air Flow Rate (High / Mid / Low) [CMM]	29.00/25.00/22.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	483.33/416.67/366.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/4.00/15.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/39.23/147.10 Pa
	Liquid Pipe (Φ, mm)	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm
	Gas Pipe (Φ, inch)	5/8*
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm
El-14 Media	Power Source Wire	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.5
D-6:	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEVINCLUDED
Cd	Sound Pressure (High / Mid / Low) [dB(A)]	38.0/35.0/32.0 dBA
Sound	Sound Power	58.0 dBA
	Net Weight (kg)	33 kg
External Dimension	Shipping Weight (kg)	38.5 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1200 x 250 x 700 mm
	Shipping Dimensions (WxHxD) (mm)	1429 x 320 x 779 mm
	Drain Pump	MDP-G075SP
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750/24
	Air Filter	Long life filter

DIMENSIONAL DRAWINGS AM090HNMPKH/EU





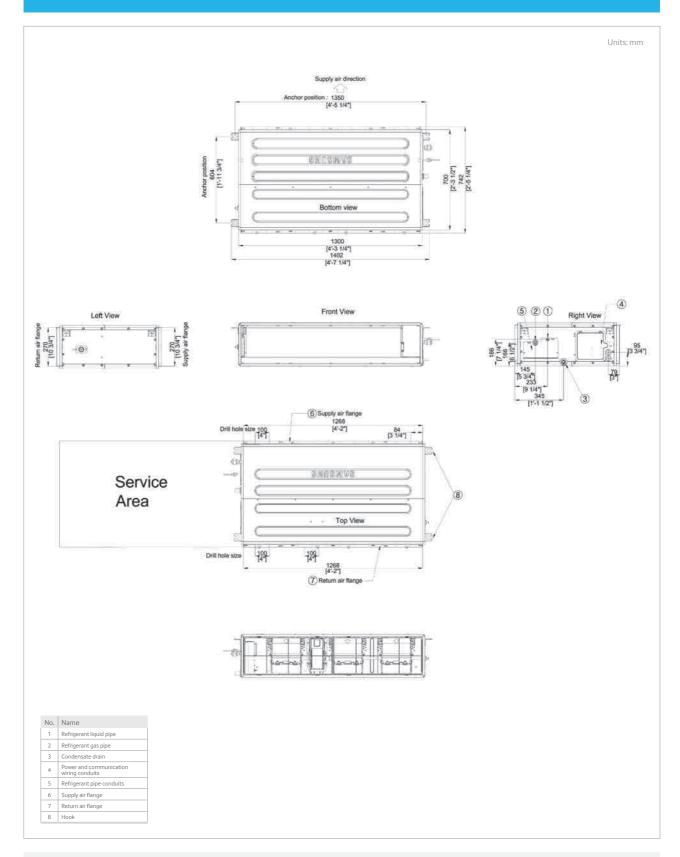
SPECIFICATIONS AM112/128/140HNMPKH/EU, AM112/128/140HNHPKH/EU



Model Code		AM112HNMPKH/EU	AM128HNMPKH/EU	AM140HNMPKH/EU	AM112HNHPKH/EU	AM128HNHPKH/EU	AM140HNHPKH/EU
Features	Туре	Duct S					
Model Name	Indoor Unit	AM112HNMPKH	AM128HNMPKH/EU	AM140HNMPKH/EU	AM112HNHPKH/EU	AM128HNHPKH	AM140HNHPKH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	11.20 kW	12.80 kW	14.00 kW	11.20 kW	12.80 kW	14.00 kW
2	Cooling [Btu/h]	38,200 Btu/h	43,700 Btu/h	47,800 Btu/h	38,200 Btu/h	43,700 Btu/h	47,800 Btu/h
Capacity	Heating [kW]	12.50 kW	13.80 kW	16.00 kW	12.50 kW	13.80 kW	16.00 kW
	Heating [Btu/h]	42,700 Btu/h	47,100 Btu/h	54,600 Btu/h	42,700 Btu/h	47,100 Btu/h	54,600 Btu/h
D 1 1/41 1 0	Cooling [W]	165.00 W	175.00 W	215.00 W	205.00 W	230.00 W	260.00 W
Power Input (Nominal)	Heating [W]	165.00 W	175.00 W	215.00 W	205.00 W	230.00 W	260.00 W
	Cooling	1.40 A	1.50 A	1.70 A	1.20 A	1.40 A	1.50 A
Current Input (Nominal)	Heating	1.40 A	1.50 A	1.70 A	1.20 A	1.40 A	1.50 A
	Туре	Sirocco Fan					
	Motor (Output) [W]	244 x 1 W	244 x 1 W	244 x 1 W	350 x 1 W	350 x 1 W	350 x 1 W
_	Air Flow Rate (High / Mid / Low) [CMM]	35.00/29.00/22.00 CMM	38.00/32.00/25.00 CMM	42.00/34.00/25.00 CMM	35.00/29.00/22.00 CMM	38.00/32.00/25.00 CMM	42.00/34.00/25.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	583.33/483.33/366.67	633.33/533.33/416.67	700.00/566.67/416.67	583.33/483.33/366.67	633.33/533.33/416.67	700.00/566.67/416.67
	External Static Pressure (Min / Std / Max) [mmAq]	0.00/5.20/15.00 mmAq	0.00/5.20/15.00 mmAq	0.00/5.20/15.00 mmAq	3.00/6.20/20.00 mmAq	3.00/6.20/20.00 mmAq	3.00/6.20/20.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	0.00/50.99/147.10 Pa	0.00/50.99/147.10 Pa	0.00/50.99/147.10 Pa	29.42/60.80/196.13 Pa	29.42/60.80/196.13 Pa	29.42/60.80/196.13 Pa
	Liquid Pipe (Φ, mm)	9.52 mm					
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm					
	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm					
E LINE:	Power Source Wire	1.5~2.5	1.5 ~ 2.5	1.5~2.5	1.5 ~ 2.5	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)					
	Control Method	EEV INCLUDED					
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	38.0/35.0/32.0 dBA	39.0/36.0/32.0 dBA	40.0/37.0/32.0 dBA	38.0/35.0/32.0 dBA	39.0/36.0/32.0 dBA	40.0/37.0/32.0 dBA
Sound	Sound Power	62.0 dBA	62.0 dBA	64.0 dBA	63.0 dBA	63.0 dBA	65.0 dBA
	Net Weight (kg)	38.50 kg	38.50 kg	38.50 kg	46.50 kg	46.50 kg	46.50 kg
External Dimension	Shipping Weight (kg)	44.50 kg	44.50 kg	44.50 kg	52.50 kg	52.50 kg	52.50 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1300 x 300 x 700 mm					
	Shipping Dimensions (WxHxD) (mm)	1529 x 370 x 779 mm					
	Drain Pump	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP	MDP-G075SP
Additional Accessories	Drain Pump Max. Lifting Height/Displacement	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24
	Air Filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter

DIMENSIONAL DRAWINGS AM112/128/140HNMPKH/EU, AM112/128/140HNHPKH/EU





DVM Indoor Big Duct

SPECIFICATIONS
AM180/224JNHFKH/EU

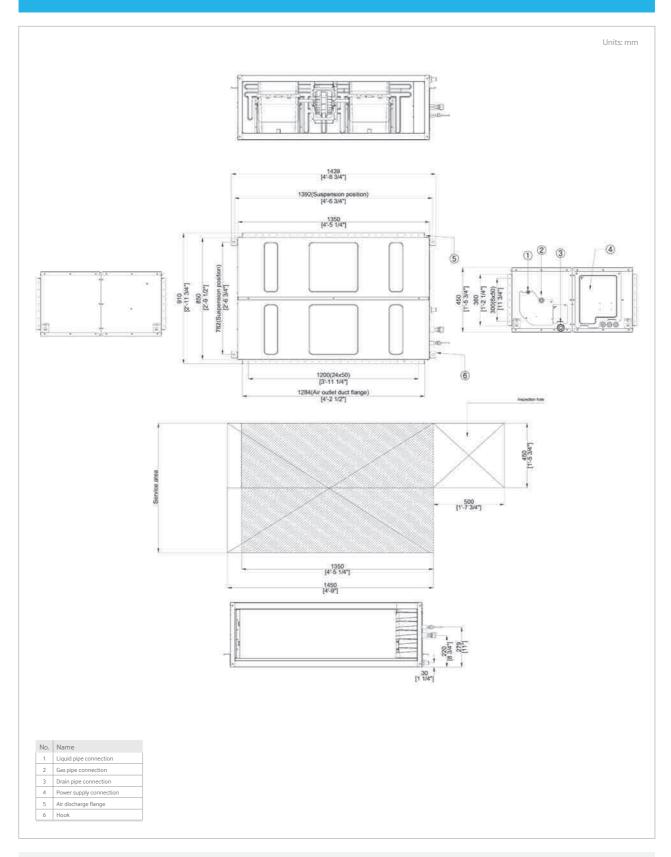


Model Code			AM224JNHFKH/EU
Features	Туре	Big Duct	Big Duct
Model Name	Indoor Unit	AM180JNHFKH/EU	AM224JNHFKH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR
	Cooling [kW]	18.0 kW	22.4 kW
0 3	Cooling [Btu/h]	61400 Btu/h	76400 Btu/h
Capacity	Heating [kW]	20.0 kW	25.0 kW
	Heating [Btu/h]	68240 Btu/h	85300 Btu/h
Device leave (Normine)	Cooling [W]	340 W	530 W
Power Input (Nominal)	Heating [W]	340 W	530 W
0	Cooling	1.9 A	2.9 A
Current Input (Nominal)	Heating	1.9 A	2.9 A
	Туре	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	630 x 1 W	630 x 1 W
-	Air Flow Rate (High / Mid / Low) [CMM]	58.00/50.00/43.00 CMM	72.00/61.00/50.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	966.86/833.5/716.81	1200.24/1016.87/833.5
	External Static Pressure (Min / Std / Max) [mmAq]	5.0/7.34/20 mmAq	5.0/7.34/20 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	50/72/200 Pa	50/72/200 Pa
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	19.05 mm	19.05 mm
	Gas Pipe (Φ, inch)	3/4"	3/4"
	Drain Pipe (Φ,mm)	VP25 (OD25,ID 20) mm	VP25 (OD25,ID 20) mm
Field Wiring	Power Source Wire	1.5~2.5	1.5~2.5
rieid Willing	Transmission Cable	0.75~1.5	0.75 ~ 1.5
D-6	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	43 / 39 / 35 dBA	44 / 40 / 36 dBA
Sound	Sound Power	80 dBA	81 dBA
	Net Weight (kg)	82.5 kg	82.5 kg
External Dimension	Shipping Weight (kg)	92 kg	92 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1350x 910 x 450 mm	1350x 910 x 450 mm
	Shipping Dimensions (WxHxD) (mm)	1612 x 984 x 519 mm	1612 x 984 x 519 mm
Additional Accessory	Drain Pump	MDP-G075SP, MDP-G075SQ	MDP-G075SP, MDP-G075SQ

DVM Indoor Big Duct

DIMENSIONAL DRAWINGS AM180/224JNHFKH/EU





DVM Indoor HSP Duct

SPECIFICATIONS
AM220/280FNHDEH/EU

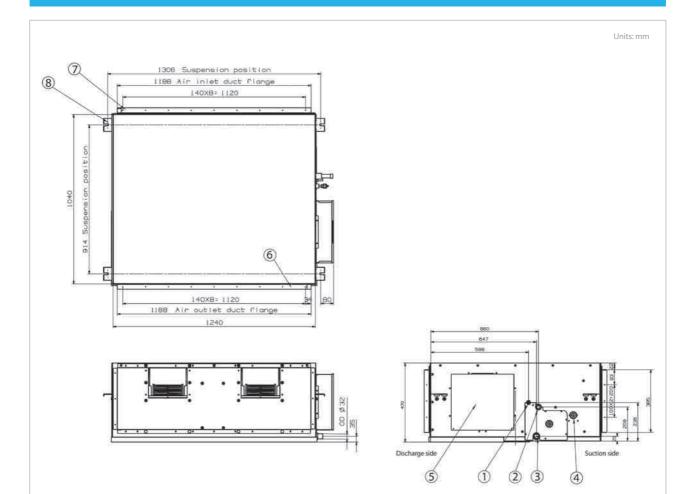


Model Code			
Features	Туре	HSP Duct	HSP Duct
Model Name	Indoor Unit	AM220FNHDEH/EU	AM280FNHDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR
	Cooling [kW]	22.40 kW	28.00 kW
	Cooling [Btu/h]	76,400 Btu/h	95,500 Btu/h
Capacity	Heating [kW]	25.00 kW	31.50 kW
	Heating [Btu/h]	85,300 Btu/h	107,500 Btu/h
D 1 (01 : 0	Cooling [W]	530.00 W	790.00 W
Power Input (Nominal)	Heating [W]	530.00 W	790.00 W
0	Cooling	3.80 A	5.90 A
Current Input (Nominal)	Heating	3.80 A	5.90 A
	Туре	Sirocco Fan	Sirocco Fan
	Motor (Output) [W]	400 x 1 W	400 x 1 W
	Air Flow Rate (High / Mid / Low) [CMM]	58.00/52.00/47.00 CMM	72.00/65.00/58.00 CMM
Fan	Air Flow Rate (High / Mid / Low) [L/S]	966.67/866.67/783.33	1,200.00/1,083.33/966.67
	External Static Pressure (Min / Std / Max) [mmAq]	5.00/15.00/25.00 mmAq	5.00/15.00/28.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	49.03/147.10/245.17 Pa	49.03/147.10/274.59 Pa
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	19.05 mm	22.22 mm
	Gas Pipe (Φ, inch)	3/4"	7/8"
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm
Field Wiring	Power Source Wire	1.5~2.5	1.5~2.5
rieid wiring	Transmission Cable	0.75~1.50	0.75 ~ 1.50
Defilement	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED
C	Sound Pressure (High / Mid / Low) [dB(A)]	45.0/43.0/41.0 dBA	48.0/46.0/43.0 dBA
Sound	Sound Power	76.0 dBA	79.0 dBA
	Net Weight (kg)	89.00 kg	89.00 kg
External Dimension	Shipping Weight (kg)	99.00 kg	99.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1240 x 470 x 1040 mm	1240 x 470 x 1040 mm
	Shipping Dimensions (WxHxD) (mm)	1507 x 558 x 1155 mm	1507 x 558 x 1155 mm
Additional Accessory	Drain Pump	MDP-N047SNC1D	MDP-N047SNC1D

DVM Indoor HSP Duct

DIMENSIONAL DRAWINGS AM220/280FNHDEH/EU





No.	Name	Description		
		2.2kW	2.8kW	
1	Liquid pipe connection	Ø9.52	(3/8")	
2	Gas pipe connection	Ø19.05 (3/4")	Ø22.22 (7/8")	
3	Drain pipe connection without optional drain pump kits	VP25 (OD32, ID25)		
4	Drain pipe connection with optional drain pump kits	VP25 (OD32, ID25)		
5	Power supply/communication connection	-		
6	Air discharge grille flange	-		
7	Suction flange	-		
8	Hook	3/8" or M10		

DVM Indoor OAP Duct

SPECIFICATIONS
AM140JNEPEH/EU

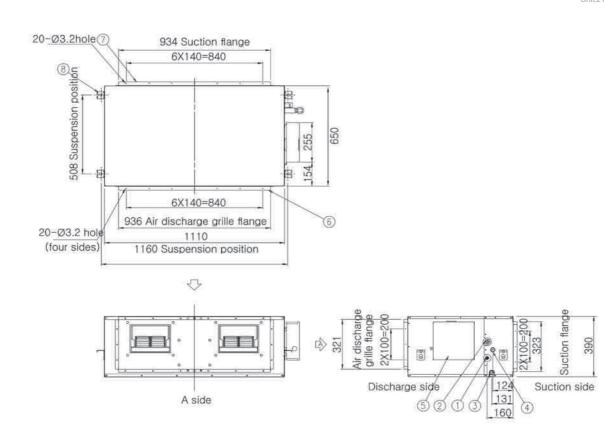


Model Code		AM140JNEPEH/EU	
Features	Туре	OAP Duct	
Model Name	Indoor Unit	AM140JNEPEH/EU	
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1.2,220-240.50	
System	Mode	нр/нг	
	Cooling [kW]	14.00 kW	
	Cooling [Btu/h]	47,800 Btu/h	
Capacity	Heating [kW]	8.90 kW	
	Heating [Btu/h]	30,400 Btu/h	
Device less & (Noncie of)	Cooling [W]	220.00 W	
Power Input (Nominal)	Heating [W]	220.00 W	
Current Input (Nominal)	Cooling	1.60 A	
Current input (Nominal)	Heating	1.60 A	
	Туре	Sirocco Fan	
	Motor (Output) [W]	183×1 W	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	18.00/-/- CMM	
ran	Air Flow Rate (High / Mid / Low) [L/S]	300.00/-/-	
	External Static Pressure (Min / Std / Max) [mmAq]	5.00/20.39/25.00 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	49.03/199.96/245.17 Pa	
	Liquid Pipe (Φ, mm)	9.52 mm	
	Liquid Pipe (Φ, inch)	3/8"	
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	
	Gas Pipe (Φ, inch)	5/8"	
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	
Field Wiring	Power Source Wire	1.5~2.5	
rieid Willing	Transmission Cable	0.75~1.5	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	
Reingerant	Control Method	EEVINCLUDED	
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	42.0/-/- dBA	
Sound	Sound Power	65.0 dBA	
	Net Weight (kg)	51.00 kg	
External Dimension	Shipping Weight (kg)	61.00 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1110 x 390 x 650 mm	
	Shipping Dimensions (WxHxD) (mm)	1335 x 512 x 829 mm	
Additional Accessory	Drain Pump	MDP-N047SNC0D	

DVM Indoor OAP Duct

DIMENSIONAL DRAWINGS AM140JNEPEH/EU





No.	Name	Description
- 1	Diameter of liquid pipe	Ø9.52
2	Diameter of air pipe	Ø15.88
3	Diameter of drain pipe	VP25 (OD Ø32, ID Ø25)
4	Diameter of drain pipe (optional drain pump)	VP25 (OD Ø32, ID Ø25)
5	Power supply/communication connection	-
6	Air discharge grille flange	-
7	Suction flange	-
8	Hook	Ø9.52 or M10

DVM Indoor OAP Duct

SPECIFICATIONS
AM220/280JNEPEH/EU



Model Code		AM220JNEPEH/EU	AM280JNEPEH/EU	
Features	Туре	OAP Duct	OAP Duct	
Model Name	Indoor Unit	AM220JNEPEH/EU	AM280JNEPEH/EU	
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	
System	Mode	HP/HR	HP/HR	
	Cooling [kW]	22.40 kW	28.00 kW	
	Cooling [Btu/h]	76,400 Btu/h	95,500 Btu/h	
Capacity	Heating [kW]	13.90 kW	17.40 kW	
	Heating [Btu/h]	47,400 Btu/h	59,400 Btu/h	
D 1 101 1 D	Cooling [W]	300.00 W	370.00 W	
Power Input (Nominal)	Heating [W]	300.00 W	370.00 W	
	Cooling	2.20 A	3.00 A	
Current Input (Nominal)	Heating	2.20 A	3.00 A	
	Туре	Sirocco Fan	Sirocco Fan	
	Motor (Output) [W]	400 x 1 W	400 x 1 W	
	Air Flow Rate (High / Mid / Low) [CMM]	28.00/-/- CMM	35.00/-/- CMM	
Fan	Air Flow Rate (High / Mid / Low) [L/S]	466.67/-/-	583.33/-/-	
	External Static Pressure (Min / Std / Max) [mmAq]	10.00/23.45/25.00 mmAq	10.00/25.49/27.50 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	98.07/229.97/245.17 Pa	98.07/249.97/269.68 Pa	
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	
	Liquid Pipe (Φ, inch)	3/8"	3/8"	
Piping Connections	Gas Pipe (Φ, mm)	19.05 mm	22.22 mm	
	Gas Pipe (Φ, inch)	3/4"	7/8"	
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	
es times	Power Source Wire	1.5~2.5	1.5~2.5	
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	
D.C.	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	
C 1	Sound Pressure (High / Mid / Low) [dB(A)]	46.0/-/- dBA	47.0/-/- dBA	
Sound	Sound Power	66.0 dBA	69.0 dBA	
	Net Weight (kg)	85.00 kg	85.00 kg	
External Dimension	Shipping Weight (kg)	95.00 kg	95.00 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1240 x 470 x 1040 mm	1240 x 470 x 1040 mm	
	Shipping Dimensions (WxHxD) (mm)	1507 x 558 x 1155 mm	1507 x 558 x 1155 mm	
Additional Accessory	Drain Pump	MDP-N047SNC1D	MDP-N047SNC1D	

DVM Indoor OAP Duct

DIMENSIONAL DRAWINGS AM220/280JNEPEH/EU



Units: mm

1306 Suspension position
1188 Suction flange
140X8=1120

6X140=840
1002 Air discharge grille flange
1240

Discharge side

Suction side

No.	Name	Description		
		2.2kW	2.8kW	
1	Diameter of liquid pipe	Ø9.52		
2	Diameter of air pipe	Ø19.05	Ø22.22	
3	Diameter of drain pipe	VP25 (OD Ø32, ID Ø25)		
4	Diameter of drain pipe (optional drain pump)	VP25 (OD Ø32, ID Ø25)		
5	Power supply/communication connection	-		
6	Air discharge grille flange	-		
7	Suction flange	-		
8	Hook	Ø9.52 or M10		

DVM Indoor Concealed

SPECIFICATIONS
AM056/071FNFDEH/EU

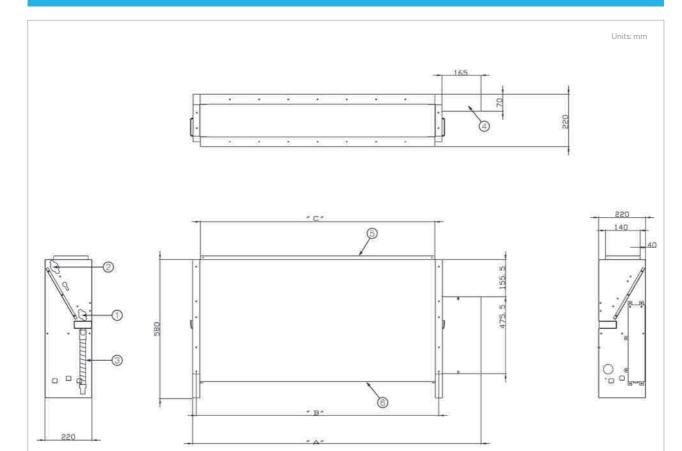


Model Code				
Features	Туре	Floor Standing	Floor Standing	
Model Name	Indoor Unit	AM056FNFDEH/EU AM071FNFDEH/EU		
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	
System	Mode	HP/HR	HP/HR	
	Cooling [kW]	5.60 kW	7.10 kW	
	Cooling [Btu/h]	19,100 Btu/h	24,200 Btu/h	
Capacity	Heating [kW]	6.30 kW	8.00 kW	
	Heating [Btu/h]	21,500 Btu/h	27,300 Btu/h	
	Cooling [W]	110.00 W	110.00 W	
Power Input (Nominal)	Heating [W]	110.00 W	110.00 W	
	Cooling	0.53 A	0.53 A	
Current Input (Nominal)	Heating	0.53 A	0.53 A	
	Туре	Sirocco Fan	Sirocco Fan	
	Motor (Output) [W]	- W	- W	
an	Air Flow Rate (High / Mid / Low) [CMM]	15.50/14.00/11.00 CMM	15.50/14.00/11.00 CMM	
	Air Flow Rate (High / Mid / Low) [L/S]	258.33/233.33/183.33	258.33/233.33/183.33	
	Liquid Pipe (Φ, mm)	6.35 mm	9.52 mm	
	Liquid Pipe (Φ, inch)	1/4"	3/8"	
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm	
	Gas Pipe (Φ, inch)	1/2"	5/8"	
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm	
- 11Me -	Power Source Wire	1.5~2.5	1.5~2.5	
ield Wiring	Transmission Cable	0.75~ 1.50	0.75~1.50	
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	
	Sound Pressure (High / Mid / Low) [dB(A)]	40.0/36.0/32.0 dBA	40.0/36.0/32.0 dBA	
ound	Sound Power	59.0 dBA	59.0 dBA	
	Net Weight (kg)	28.50 kg	28.50 kg	
xternal Dimension	Shipping Weight (kg)	33.30 kg	33.30 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1225 x 600 x 220 mm	1225 x 600 x 220 mm	
	Shipping Dimensions (WxHxD) (mm)	1335 x 690 x 310 mm	1335 x 690 x 310 mm	

DVM Indoor Concealed

DIMENSIONAL DRAWINGS AM056/071FNFDEH/EU





Model	А	В	С
AM056/071FNFDEH***	1,225	1,010	980

No.	Name	Description		
		5.6kW	7.1kW	
1	Liquid pipe connection	Ø6.35 Flare Ø9.52 Fla		
2	Gas pipe connection	Ø12.70 Flare Ø15.88 Fla		
3	Drain pipe connection	ID18 Hose		
4	Power wiring	-		
5	Air inlet grille	-		
6	Air outlet louver	-		

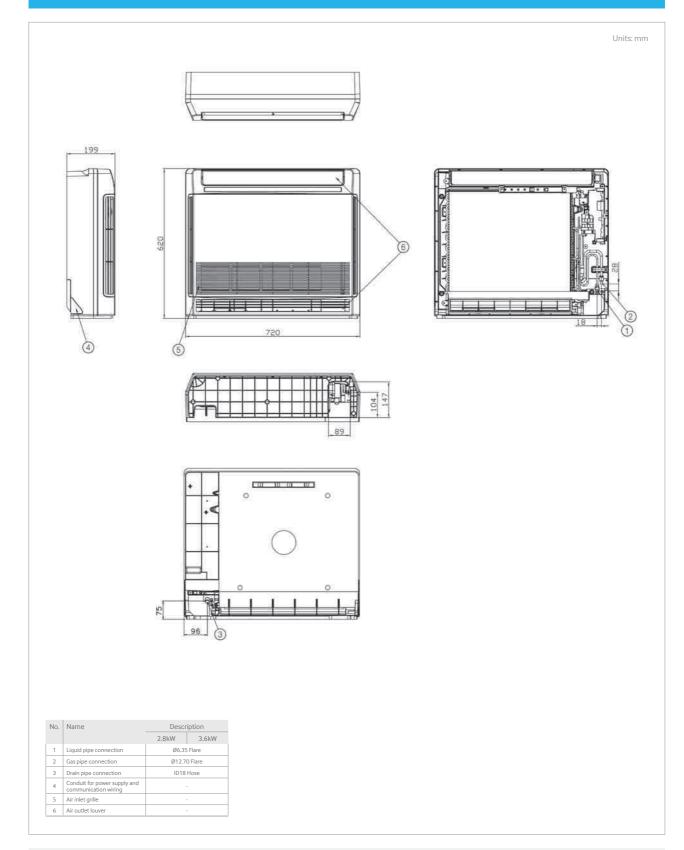
SPECIFICATIONS
AM028/036FNJDEH/EU



Model Code			
Features	Туре	Console	Console
Model Name	Indoor Unit	AM028FNJDEH/EU	AM036FNJDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System Mode HP/H		HP/HR	HP/HR
	Cooling [kW]	2.80 kW	3.60 kW
	Cooling [Btu/h]	9,600 Btu/h	12,300 Btu/h
Capacity	Heating [kW]	3.20 kW	4.00 kW
	Heating [Btu/h]	10,900 Btu/h	13,600 Btu/h
5 1 1/41 1 0	Cooling [W]	30.00 W	35.00 W
Power Input (Nominal)	Heating [W]	30.00 W	35.00 W
	Cooling	0.25 A	0.29 A
Current Input (Nominal)	Heating	0.25 A	0.29 A
	Туре	Turbo Fan	Turbo Fan
-	Motor (Output) [W]	37 x 1 W	37 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	7.00/6.00/5.00 CMM	8.50/7.50/6.50 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	116.67/100.00/83.33	141.67/125.00/108.33
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm
E LINE:	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Reingerant	Control Method	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	38.0/36.0/34.0 dBA	39.0/37.0/34.0 dBA
Jourid	Sound Power	58.0 dBA	59.0 dBA
	Net Weight (kg)	16.00 kg	16.00 kg
External Dimension	Shipping Weight (kg)	21.00 kg	21.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 620 x 199 mm	720 x 620 x 199 mm
	Shipping Dimensions (WxHxD) (mm)	810 x 710 x 295 mm	810 x 710 x 295 mm

DIMENSIONAL DRAWINGS AM028/036FNJDEH/EU





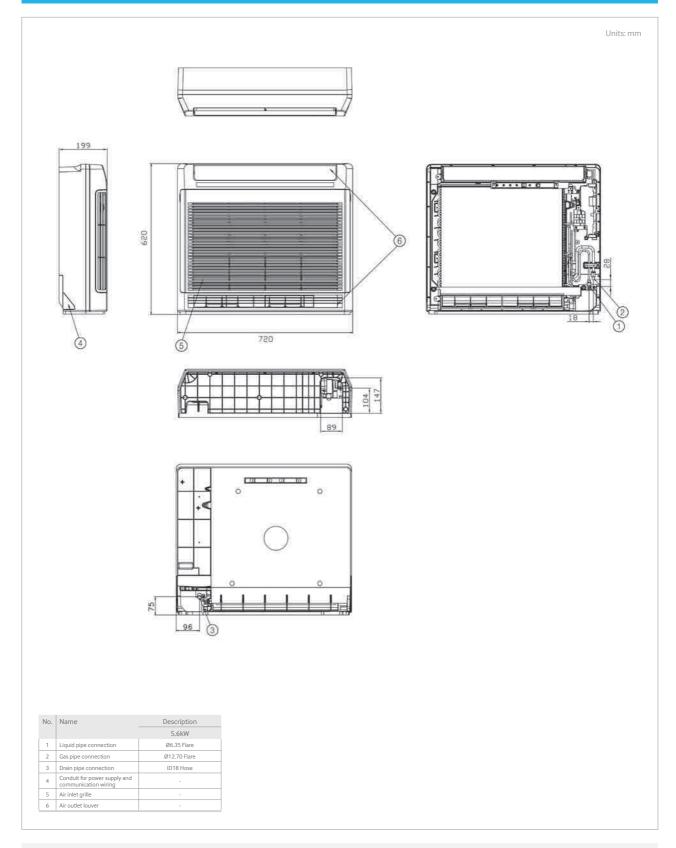
SPECIFICATIONS AM056FNJDEH/EU



Model Code		AM056FNJDEH/EU	
Features	Туре	Console	
Model Name	Indoor Unit	AM056FNJDEH/EU	
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1,2,220-240,50	
System	Mode	HP/HR	
	Cooling [kW]	5.60 kW	
	Cooling [Btu/h]	19,100 Btu/h	
Capacity	Heating [kW]	6.30 kW	
	Heating [Btu/h]	21,500 Btu/h	
D 1 (4) 1 0	Cooling [W]	62.00 W	
Power Input (Nominal)	Heating [W]	62.00 W	
Current Input (Nominal)	Cooling	0.49 A	
Current input (Nominal)	Heating	0.49 A	
	Туре	Turbo Fan	
-	Motor (Output) [W]	37x1W	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	13.00/11.50/10.00 CMM	
	Air Flow Rate (High / Mid / Low) [L/S]	216.67/191.67/166.67	
	Liquid Pipe (Φ, mm)	6.35 mm	
	Liquid Pipe (Φ, inch)	1/4"	
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	
	Gas Pipe (Φ, inch)	1/2*	
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	
er coner	Power Source Wire	1.5~2.5	
Field Wiring	Transmission Cable	0.75~1.50	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	
Reingerant	Control Method	EEVINCLUDED	
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	43.0/40.0/37.0 dBA	
Souriu	Sound Power	64.0 dBA	
	Net Weight (kg)	16.00 kg	
External Dimension	Shipping Weight (kg)	21.00 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	720 x 620 x 199 mm	
	Shipping Dimensions (WxHxD) (mm)	810 x 710 x 295 mm	

AM056FNJDEH/EU





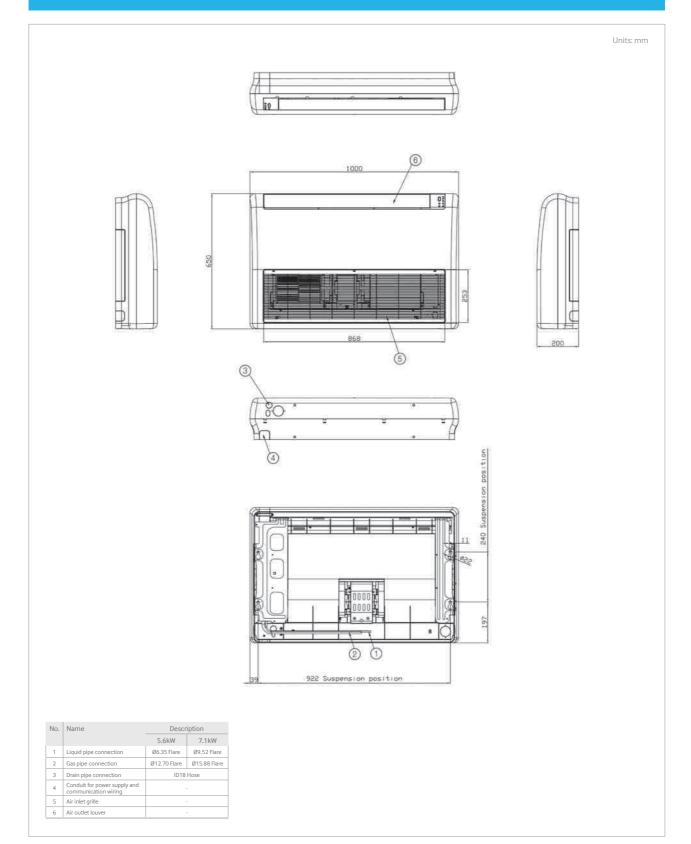
SPECIFICATIONS
AM056/071FNCDEH/EU



Model Code		AM056FNCDEH/EU	AM071FNCDEH/EU
Features	Туре	Ceiling	Ceiling
Model Name	Indoor Unit	AM056FNCDEH/EU	AM071FNCDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	System Mode HP/HR		HP/HR
	Cooling [kW]	5.60 kW	7.10 kW
	Cooling [Btu/h]	19,100 Btu/h	24,200 Btu/h
Capacity	Heating [kW]	6.30 kW	8.00 kW
	Heating [Btu/h]	21,500 Btu/h	27,300 Btu/h
5 1 1/41 1 0	Cooling [W]	72.00 W	80.00 W
Power Input (Nominal)	Heating [W]	72.00 W	77.00 W
	Cooling	0.33 A	0.35 A
Current Input (Nominal)	Heating	0.28 A	0.29 A
	Туре	Sirocco Fan	Sirocco Fan
-	Motor (Output) [W]	60 x 1 W	120 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	14.00/13.00/12.00 CMM	18.00/16.50/15.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	233.33/216.67/200.00	300.00/275.00/250.00
	Liquid Pipe (Φ, mm)	6.35 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	5/8"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm
E LIVE :	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.50	0.75~1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Reingerant	Control Method	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	40.0/37.0/34.0 dBA	44.0/42.0/40.0 dBA
Jourid	Sound Power	60.0 dBA	63.0 dBA
	Net Weight (kg)	21.00 kg	21.00 kg
External Dimension	Shipping Weight (kg)	25.50 kg	25.50 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1000 x 650 x 200 mm	1000 x 650 x 200 mm
	Shipping Dimensions (WxHxD) (mm)	1080 x 730 x 300 mm	1080 x 730 x 300 mm

DIMENSIONAL DRAWINGS AM056/071FNCDEH/EU





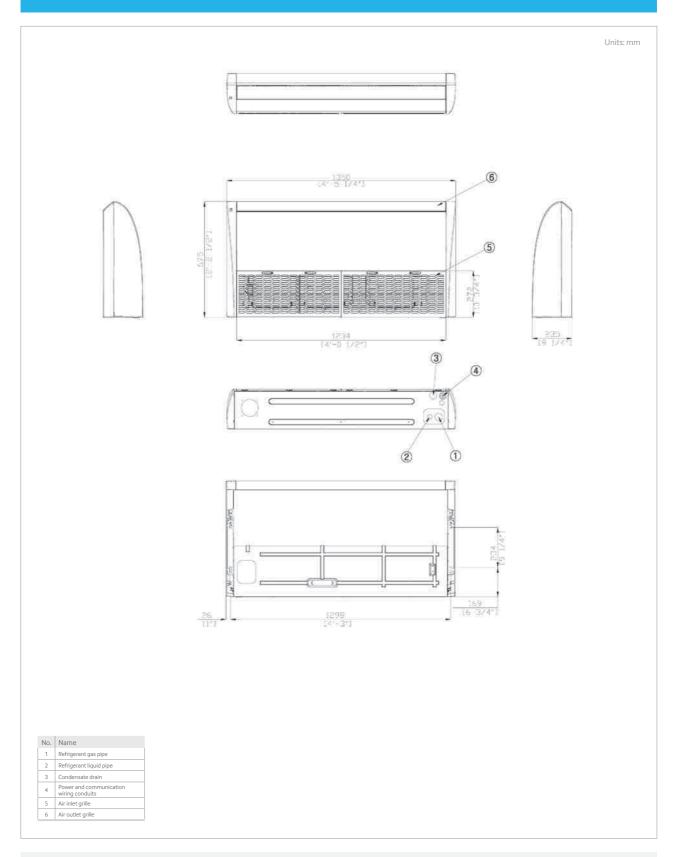
SPECIFICATIONS
AM112JNCDKH/EU



Model Code		AM112JNCDKH/EU	
Features	Туре	Big Ceiling	
Model Name	Indoor Unit	AM112JNCDKH/EU	
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50/60	
System	Mode	HP/HR	
	Cooling [kW]	11.2 kW	
	Cooling [Btu/h]	38,200 Btu/h	
Capacity	Heating [kW]	12.5 kW	
	Heating [Btu/h]	42,700 Btu/h	
D 1 (41 : 0	Cooling [W]	92 W	
Power Input (Nominal)	Heating [W]	80 W	
0 11 101 10	Cooling	0.94 A	
Current Input (Nominal)	Heating	0.83 A	
	Туре	Sirocco Fan	
_	Motor (Output) [W]	260 W	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	29.30/23.90/18.50 CMM	
	Air Flow Rate (High / Mid / Low) [L/S]	488.33/398.33/308.33	
	Liquid Pipe (Φ, mm)	9.52 mm	
	Liquid Pipe (Φ, inch)	3/8"	
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	
	Gas Pipe (Φ, inch)	5/8"	
	Drain Pipe (Φ,mm)	VP25 (OD25,ID 20) mm	
Field Wiring	Power Source Wire	1.5~2.5	
rieid wiring	Transmission Cable	0.75~1.50	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	
Reingerant	Control Method	EEV INCLUDED	
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	45/41/37 dBA	
Souriu	Sound Power	61 dBA	
	Net Weight (kg)	33.5 kg	
External Dimension	Shipping Weight (kg)	39.5 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1350*235*675 mm	
	Shipping Dimensions (WxHxD) (mm)	1439*758*321 mm	

DIMENSIONAL DRAWINGS AM112JNCDKH/EU





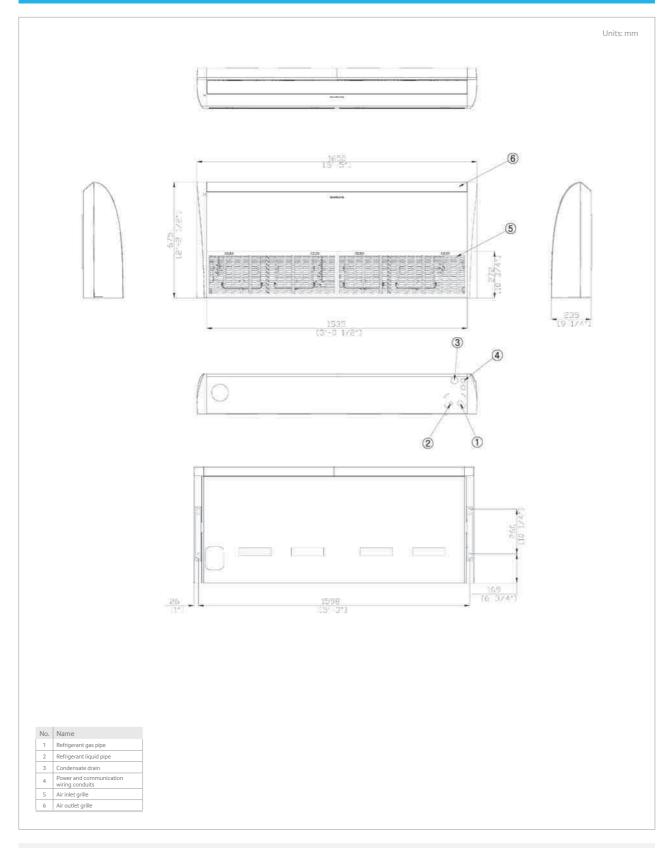
SPECIFICATIONS
AM140JNCDKH/EU



Model Code		AM140JNCDKH/EU	
Features	Туре	Big Ceiling	
Model Name	Indoor Unit	AM140JNCDKH/EU	
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50/60	
System	Mode	нр/нг	
	Cooling [kW]	14 kW	
	Cooling [Btu/h]	47,800 Btu/h	
Capacity	Heating [kW]	16 kW	
	Heating [Btu/h]	54,600 Btu/h	
D 1 (41 : 0	Cooling [W]	160 W	
Power Input (Nominal)	Heating [W]	160 W	
	Cooling	1.45 A	
Current Input (Nominal)	Heating	1.45 A	
	Туре	Sirocco Fan	
_	Motor (Output) [W]	355 W	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	36.40/30.80/26.00 CMM	
	Air Flow Rate (High / Mid / Low) [L/S]	606.66/513.33/433.33	
	Liquid Pipe (Φ, mm)	9.52 mm	
	Liquid Pipe (Φ, inch)	3/8"	
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	
	Gas Pipe (Φ, inch)	5/8"	
	Drain Pipe (Φ,mm)	VP25 (OD25,ID 20) mm	
	Power Source Wire	1.5~2.5	
Field Wiring	Transmission Cable	0.75~1.50	
	Туре	R410A (Fluorinated greenhouse gas)	
Refrigerant	Control Method	EEV INCLUDED	
	Sound Pressure (High / Mid / Low) [dB(A)]	46/43/38 dBA	
Sound	Sound Power	63 dBA	
	Net Weight (kg)	42.5 kg	
External Dimension	Shipping Weight (kg)	48.5 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1650*235*675 mm	
	Shipping Dimensions (WxHxD) (mm)	1739*758*321 mm	

DIMENSIONAL DRAWINGS AM140JNCDKH/EU





SPECIFICATIONS AM015HNNDEH/EU, AM022/028/036FNNDEH/EU

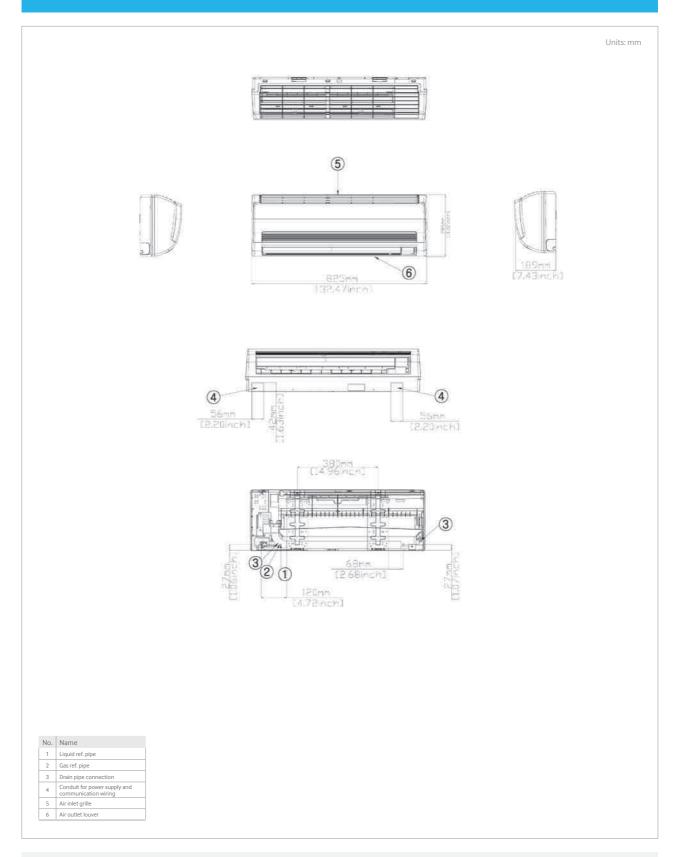


Model Code			AM022FNNDEH/EU		
Features	Туре	Neo Forte	Neo Forte	Neo Forte	Neo Forte
Model Name	Indoor Unit	AM015HNTDEH/EU	AM022FNTDEH/EU	AM028FNTDEH/EU	AM036FNTDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	1.50 kW	2.20 kW	2.80 kW	3.60 kW
	Cooling [Btu/h]	5,100 Btu/h	7,500 Btu/h	9,600 Btu/h	12,300 Btu/h
Capacity	Heating [kW]	1.70 kW	2.50 kW	3.20 kW	4.00 kW
	Heating [Btu/h]	5,800 Btu/h	8,500 Btu/h	10,900 Btu/h	13,600 Btu/h
	Cooling [W]	25.00 W	25.00 W	25.00 W	30.00 W
Power Input (Nominal)	Heating [W]	25.00 W	25.00 W	25.00 W	30.00 W
	Cooling	0.16 A	0.16 A	0.16 A	0.18 A
Current Input (Nominal)	Heating	0.16 A	0.16 A	0.16 A	0.18 A
	Туре	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	23 x 1 W			
Fan	Air Flow Rate (High / Mid / Low) [CMM]	5.40/5.10/4.80 CMM	7.80/6.80/5.80 CMM	7.80/6.80/5.80 CMM	9.30/8.30/7.30 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	90.00/85.00/80.00	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm			
	Power Source Wire	1.5 ~ 2.5	1.5~2.5	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75 ~ 1.50	0.75~1.50	0.75 ~ 1.50	0.75~1.50
n.c.	Туре	R410A (Fluorinated greenhouse gas)			
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
6 1	Sound Pressure (High / Mid / Low) [dB(A)]	26.0/25.0/24.0 dBA	30.0/28.0/26.0 dBA	30.0/28.0/26.0 dBA	36.0/32.0/28.0 dBA
Sound	Sound Power	43.0 dBA	48.0 dBA	48.0 dBA	53.0 dBA
	Net Weight (kg)	8.00 kg	8.5 kg	8.00 kg	8.00 kg
External Dimension	Shipping Weight (kg)	11.00 kg	11.00 kg	11.00 kg	11.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	825 x 285 x 189 mm			
	Shipping Dimensions (WxHxD) (mm)	904 x 353 x 263 mm	910 x 358 x 258 mm	910 x 358 x 258 mm	910 x 358 x 258 mm

^{*}This model is available without the Electronic Expansion Valve (EEV). Please contact your Samsung representative for details

DIMENSIONAL DRAWINGS
AMO15HNNDEH/EU, AMO22/028/036FNNDEH/EU





SPECIFICATIONS
AM056/071FNNDEH/EU



Model Code			
Features	Туре	Neo Forte	Neo Forte
Model Name	Indoor Unit	AM056FNTDEH/EU	AM071FNTDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR
	Cooling [kW]	5.60 kW	6.80 kW
	Cooling [Btu/h]	19,100 Btu/h	23,200 Btu/h
Capacity	Heating [kW]	6.30 kW	7.00 kW
	Heating [Btu/h]	21,500 Btu/h	23,900 Btu/h
Power Input (Nominal)	Cooling [W]	45.00 W	50.00 W
Power input (Nominal)	Heating [W]	45.00 W	50.00 W
Current Input (Nominal)	Cooling	0.27 A	0.30 A
Current input (Nominal)	Heating	0.27 A	0.30 A
	Туре	Crossflow Fan	Crossflow Fan
_	Motor (Output) [W]	40 x 1 W	40 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	12.00/10.50/9.00 CMM	14.00/12.50/11.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	200.00/175.00/150.00	233.33/208.33/183.33
	Liquid Pipe (Φ, mm)	6.35 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	5/8"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm
Field Wiring	Power Source Wire	1.5~2.5	1.5~2.5
rieid Willing	Transmission Cable	0.75~1.50	0.75 ~ 1.50
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Reffigerant	Control Method	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	42.0/40.0/35.0 dBA	44.0/41.0/35.0 dBA
Souriu	Sound Power	57.0 dBA	59.0 dBA
	Net Weight (kg)	13.00 kg	13.00 kg
External Dimension	Shipping Weight (kg)	16.00 kg	16.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1065 x 298 x 218 mm	1065 x 298 x 222 mm
	Shipping Dimensions (WxHxD) (mm)	1137 x 377 x 299 mm	1137 x 377 x 299 mm

This model is available without the Electronic Expansion Valve (EEV). Please contact your Samsung representative for details

DIMENSIONAL DRAWINGS AM056/071FNNDEH/EU



Units: mm (5) 6 Trine": rriceriterin 4 60mm: [2.36mm] 3 No. Name 1 Liquid ref. pipe 2 Gas ref. pipe Liquid ref. pipe 3 Drain pipe connection
4 Conduit for power supply and communication wiring
5 Air inlet grille 6 Air outlet louver

SPECIFICATIONS
AM015/022/028JNVDKH/EU

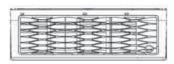


Model Code			AM022JNVDKH/EU		
Features	Туре	AR5000	AR5000	AR5000	AR5000
Model Name	Indoor Unit	AM015JNADKH/EU	AM022JNADKH/EU	AM028JNADKH/EU	AM036JNADKH/EU
Power Supply (Indoor Un	iit) [Φ, #, V, Hz]	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	1.50 kW	2.20 kW	2.80 kW	3.60 kW
	Cooling [Btu/h]	5,100 Btu/h	7,500 Btu/h	9,600 Btu/h	12,300 Btu/h
Capacity	Heating [kW]	1.70 kW	2.50 kW	3.20 kW	4.00 kW
	Heating [Btu/h]	5,800 Btu/h	8,500 Btu/h	10,900 Btu/h	13,600 Btu/h
	Cooling [W]	14.00 W	15.00 W	16.00 W	20.00 W
Power Input (Nominal)	Heating [W]	16.00 W	18.00 W	24.00 W	28.00 W
	Cooling	0.12 A	0.13 A	0.13 A	0.15 A
Current Input (Nominal)	Heating	0.13 A	0.15 A	0.19 A	0.20 A
	Туре	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	27 x 1 W			
Fan	Air Flow Rate (High / Mid / Low) [CMM]	4.40/4.20/3.80 CMM	5.40/4.70/4.00 CMM	5.70/5.00/4.30 CMM	7.10/5.70/4.60 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	73.33/70.00/63.33	90.00/78.33/66.67	95.00/83.33/71.67	118.33/95.00/76.67
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"	1/2"	1/2"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm			
	Power Source Wire	1.5 ~ 2.5	1.5~2.5	1.5 ~ 2.5	1.5 ~ 2.5
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5
	Туре	R410A (Fluorinated greenhouse gas)			
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure (High / Mid / Low) [dB(A)]	26.0/24.0/21.0 dBA	33.0/28.0/23.0 dBA	35.0/30.0/25.0 dBA	36.0/32.0/29.0 dBA
Sound	Sound Power	44.0 dBA	50.0 dBA	53.0 dBA	54.0 dBA
	Net Weight (kg)	7.70 kg	7.70 kg	7.80 kg	9.40 kg
External Dimension	Shipping Weight (kg)	9.10 kg	9.10 kg	9.20 kg	11.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	750 x 249 x 246 mm	750 x 249 x 246 mm	750 x 249 x 246 mm	826 x 261 x 261 mm
	Shipping Dimensions (WxHxD) (mm)	800 x 298 x 302 mm	800 x 298 x 302 mm	800 x 298 x 302 mm	886 x 317 x 335 mm

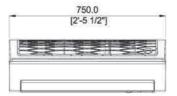
^{*}This model is available without the Electronic Expansion Valve (EEV). Please contact your Samsung representative for details.

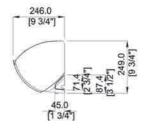
DIMENSIONAL DRAWINGS AMO15/022/028JNVDKH/EU

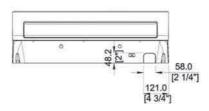


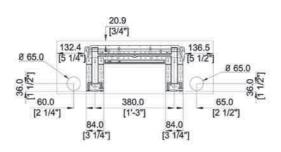












No.	Name	Description		
		1.5kW	2.2kW	2.8kW
1	Refrigerant gas pipe	Ø12.7 Flare		
2	Refrigerant liquid pipe	Ø6.35 Flare		
3	Drain pipe connection	ID 18 Hose		

SPECIFICATIONS AM036/045JNVDKH/EU

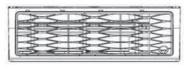


Model Code			
Features	Туре	AR5000	AR5000
Model Name	Indoor Unit	AM036JNADKH/EU	AM045JNADKH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50/60	1,2,220-240,50/60
System	Mode	HP/HR	HP/HR
	Cooling [kW]	3.60 kW	4.50 kW
	Cooling [Btu/h]	12,300 Btu/h	15,400 Btu/h
Capacity	Heating [kW]	4.00 kW	5.00 kW
	Heating [Btu/h]	13,600 Btu/h	17,100 Btu/h
D 1 101 1 0	Cooling [W]	20.00 W	31.00 W
Power Input (Nominal)	Heating [W]	28.00 W	41.00 W
	Cooling	0.15 A	0.24 A
Current Input (Nominal)	Heating	0.20 A	0.31 A
	Туре	Crossflow Fan	Crossflow Fan
-	Motor (Output) [W]	27 x 1 W	27 x 1 W
Fan	Air Flow Rate (High / Mid / Low) [CMM]	7.10/5.70/4.60 CMM	8.90/7.50/6.00 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	118.33/95.00/76.67	148.33/125.00/100.00
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm
	Gas Pipe (Φ, inch)	1/2"	1/2"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm
	Power Source Wire	1.5~2.5	1.5~2.5
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5
D. C	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED
e4	Sound Pressure (High / Mid / Low) [dB(A)]	36.0/32.0/29.0 dBA	40.0/37.0/33.0 dBA
Sound	Sound Power	54.0 dBA	57.0 dBA
	Net Weight (kg)	9.40 kg	9.40 kg
External Dimension	Shipping Weight (kg)	11.00 kg	11.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	826 x 261 x 261 mm	826 x 261 x 261 mm
	Shipping Dimensions (WxHxD) (mm)	886 x 317 x 335 mm	886 x 317 x 335 mm

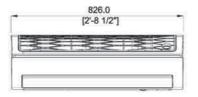
This model is available without the Electronic Expansion Valve (EEV). Please contact your Samsung representative for details

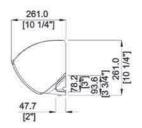
DIMENSIONAL DRAWINGS AM036/045JNVDKH/EU

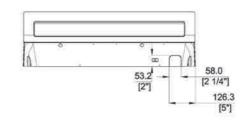


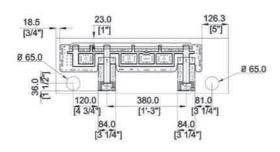












No.	Name	Description	
		3.6kW	4.5kW
1	Refrigerant gas pipe	Ø12.7 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare	
3	Drain pipe connection	ID 18 Hose	

SPECIFICATIONS AM056/071/082JNVDKH/EU

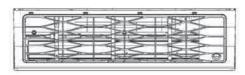


Model Code			AM071JNVDKH/EU	AM082JNVDKH/EU
Features	Туре	AR5000	AR5000	AR5000
Model Name	Indoor Unit	AM056JNADKH/EU	AM071JNADKH/EU	AM082JNADKH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	5.60 kW	7.10 kW	8.20 kW
	Cooling [Btu/h]	19,100 Btu/h	24,200 Btu/h	28,000 Btu/h
Capacity	Heating [kW]	6.30 kW	8.00 kW	8.50 kW
	Heating [Btu/h]	21,500 Btu/h	27,300 Btu/h	29,000 Btu/h
	Cooling [W]	27.00 W	41.00 W	55.00 W
Power Input (Nominal)	Heating [W]	37.00 W	53.00 W	72.00 W
	Cooling	0.21 A	0.31 A	0.42 A
Current Input (Nominal)	Heating	0.29 A	0.41 A	0.55 A
	Туре	Crossflow Fan	Crossflow Fan	Crossflow Fan
Fan	Motor (Output) [W]	27 x 1 W	27 x 1 W	27 x 1 W
	Air Flow Rate (High / Mid / Low) [CMM]	11.80/10.00/8.20 CMM	14.80/12.40/10.00 CMM	16.70/14.30/12.40 CMM
	Air Flow Rate (High / Mid / Low) [L/S]	196.67/166.67/136.67	246.67/206.67/166.67	278.33/238.33/206.67
	Liquid Pipe (Φ, mm)	6.35 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, inch)	1/4"	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	15.88 mm	15.88 mm
	Gas Pipe (Φ, inch)	1/2"	5/8"	5/8"
	Drain Pipe (Φ,mm)	ID 18 HOSE mm	ID 18 HOSE mm	ID 18 HOSE mm
	Power Source Wire	1.5~2.5	1.5~2.5	1.5~2.5
rield Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure (High / Mid / Low) [dB(A)]	39.0/35.0/32.0 dBA	44.0/40.0/36.0 dBA	47.0/42.0/40.0 dBA
ound	Sound Power	57.0 dBA	61.0 dBA	65.0 dBA
	Net Weight (kg)	14.20 kg	14.20 kg	14.20 kg
External Dimension	Shipping Weight (kg)	17.50 kg	17.50 kg	17.50 kg
Indoor Unit)	Net Dimensions (WxHxD) (mm)	1065 x 301 x 294 mm	1065 x 301 x 294 mm	1065 x 301 x 294 mm
	Shipping Dimensions (WxHxD) (mm)	1123 x 354 x 384 mm	1123 x 354 x 384 mm	1123 x 354 x 384 mm

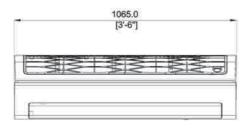
This model is available without the Electronic Expansion Valve (EEV). Please contact your Samsung representative for details

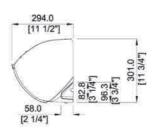
DIMENSIONAL DRAWINGS AM056/071/082JNVDKH/EU

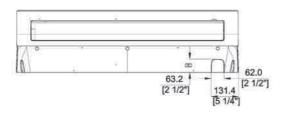


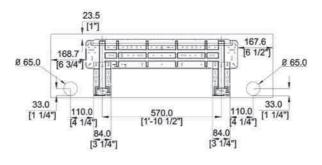












No.	Name	Description		
		5.6kW	7.1kW	8.2kW
1	Refrigerant gas pipe	Ø12.7 Flare	Ø15.88 Flare	
2	Refrigerant liquid pipe	Ø6.35 Flare Ø9.52 Flare		Plare
3	Drain pipe connection	ID 18 Hose		

DVM Indoor Hydro Unit – HE

SPECIFICATIONS
AM160/320/500FNBDEH/EU

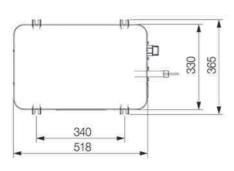


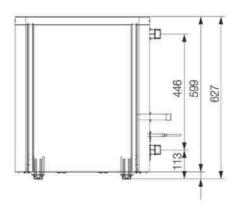
Model Code				
Features	Туре	Hydro Unit (HE)	Hydro Unit (HE)	Hydro Unit (HE)
Model Name	Indoor Unit	AM160FNBDEH/EU	AM320FNBDEH/EU	AM500FNBDEH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HP/HR	HP/HR	HP/HR
	Cooling [kW]	14.00 kW	28.00 kW	44.80 kW
	Cooling [Btu/h]	47,800 Btu/h	95,500 Btu/h	152,900 Btu/h
Capacity	Heating [kW]	16.00 kW	31.50 kW	50.40 kW
	Heating [Btu/h]	54,600 Btu/h	107,500 Btu/h	172,000 Btu/h
Power Input (Nominal)	Cooling [W]	10.00 W	10.00 W	10.00 W
Power input (Nominal)	Heating [W]	10.00 W	10.00 W	10.00 W
Current Input (Nominal)	Cooling	0.05 A	0.05 A	0.05 A
	Heating	0.05 A	0.05 A	0.05 A
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	12.70 mm
Piping Connections	Liquid Pipe (Φ, inch)	3/8"	3/8"	1/2"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	22.22 mm	28.58 mm
	Gas Pipe (Φ, inch)	5/8"	7/8"	1 1/8"
E LINE :	Power Source Wire	2.5 ~ 2.5	2.5 ~ 2.5	2.5 ~ 2.5
Field Wiring	Transmission Cable	0.75~1.5	0.75 ~ 1.5	0.75~1.5
D. C	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	27.0/-/- dBA	28.0/-/- dBA	31.0/-/- dBA
Sound	Sound Power	- dBA	- dBA	- dBA
	Net Weight (kg)	29.00 kg	33.00 kg	40.00 kg
External Dimension	Shipping Weight (kg)	31.00 kg	35.00 kg	42.00 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	518 x 627 x 330 mm	518 x 627 x 330 mm	518 x 627 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	652 x 700 x 426 mm	652 x 700 x 426 mm	652 x 700 x 426 mm

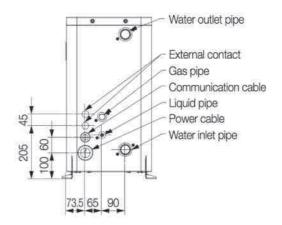
DVM Indoor Hydro Unit – HE

DIMENSIONAL DRAWINGS
AM160/320/500FNBDEH/EU









Model name		AM160FNBDEH***	AM320FNBDEH***	AM500FNBDEH***
Refrigerant	Liquid pipe	3/8" (Ø9.52)	3/8" (Ø9.52)	1/2" (Ø12.7)
Refrigerant side	Gas pipe	5/8" (Ø15.88)	7/8" (Ø22.23)	1-1/8" (Ø28.58)
Water side	Water inlet/outlet pipe	PT 1 (25 A)	PT 1 (25 A)	PT 1-1/4 (32 A)

DVM Indoor Hydro Unit – HT

SPECIFICATIONS AM160FNBFGB/EU, AM250FNBFEB/EU, AM250FNBFGB/EU

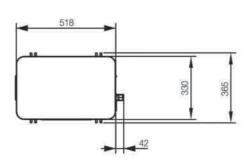


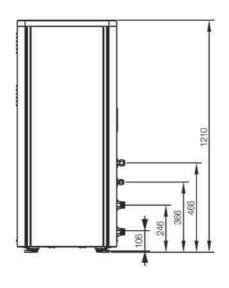
Model Code					
Features	Туре	Hydro Unit (HT)	Hydro Unit (HT)	Hydro Unit (HT)	Hydro Unit (HT)
Model Name	Indoor Unit	AM160FNBFEB/EU	AM250FNBFGB/EU	AM250FNBFEB/EU	AM250FNBFGB/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	3, 4, 380-415, 50	1,2,220-240,50	3, 4, 380-415, 50
System	Mode	HP/HR	HP/HR	HP/HR	HP/HR
	Cooling [kW]	- kW	- kW	- kW	25 kW
0 2	Cooling [Btu/h]	- Btu/h	- Btu/h	- Btu/h	85,300 Btu/h
Capacity	Heating [kW]	16.00 kW	16 kW	25.00 kW	- W
	Heating [Btu/h]	54,600 Btu/h	54,600 Btu/h	85,300 Btu/h	5,000 W
Power Input (Nominal)	Cooling [W]	- W	- W	- W	- A
Power input (Nominal)	Heating [W]	3100.00 W	3,100 W	5000.00 W	7.85 A
Current Input (Nominal)	Cooling	- A	- A	- A	9.52 mm
Current input (Nomina)	Heating	14.30 A	4.85 A	23.10 A	3/8"
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm	9.52 mm
Di-i C+i	Liquid Pipe (Ф, inch)	3/8"	3/8"	3/8"	3/8"
Piping Connections	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	15.88 mm	15.88 mm
	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"	5/8"
E LINE :	Power Source Wire	4~4	2.5~2.5	4~4	2.5 ~ 2.5
Field Wiring	Transmission Cable	0.75 ~ 1.5	0.75 ~ 1.5	0.75~1.5	0.75 ~ 1.5
n.c.	Туре	R410A (Fluorinated greenhouse gas)	R-134A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R-134A (Fluorinated greenhouse gas)
Refrigerant	Control Method	EEV INCLUDED	EEV	EEV INCLUDED	EEV
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	42.0/-/- dBA	42 dBA	42.0/-/- dBA	42 dBA
Sound	Sound Power	- dBA	- dBA	- dBA	- dBA
	Net Weight (kg)	104.00 kg	104 kg	104.00 kg	104 kg
External Dimension	Shipping Weight (kg)	107.00 kg	107 kg	107.00 kg	107 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	518 x 1210 x 330 mm	518 x 1,210 x 330 mm	518 x 1210 x 330 mm	518 x 1,210 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	652 x 1289 x 426 mm	652 x 1,289 x 426 mm	652 x 1286 x 426 mm	652 x 1,289 x 426 mm

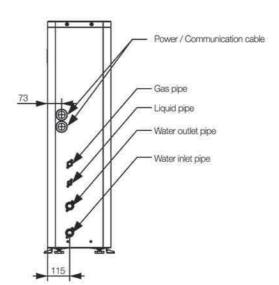
DVM Indoor Hydro Unit – HT

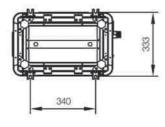












Model name		AM***FNBF*B
Refrigerant	Liquid side connection part	3/8" (Ø9.52)
side	Gas side connection part	5/8" (Ø15.88)
Water side connection part		PT 1 (25 A)

ERV Plus

SPECIFICATIONS AM050/100FNKDEH/EU

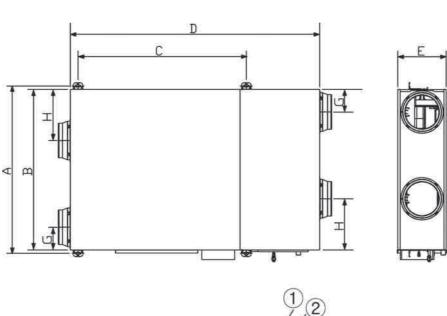


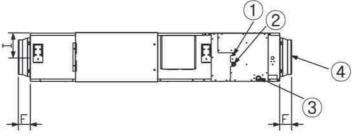
Model Code				
Features	Туре	ERV PLUS	ERV PLUS	
Model Name	Indoor Unit	AM050FNKDEH/EU	AM100FNKDEH/EU	
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	
System	Mode	HP/HR	HP/HR	
	Cooling [kW]	3.60 kW	7.10 kW	
	Cooling [Btu/h]	12,300 Btu/h	24,200 Btu/h	
Capacity	Heating [kW]	4.00 kW	8.00 kW	
	Heating [Btu/h]	13,600 Btu/h	27,300 Btu/h	
	Cooling [W]	220.00 W	510.00 W	
Power Input (Nominal)	Heating [W]	220.00 W	510.00 W	
	Cooling	1.70 A	3.70 A	
Current Input (Nominal)	Heating	1.70 A	3.70 A	
	Туре	Sirroco Fan / BLDC	Sirroco Fan / BLDC	
	Motor (Output) [W]	60 x 2 W	70 x 2 W	
	Air Flow Rate (High / Mid / Low) [CMM]	8.33/8.33/6.00 CMM	16.67/16.67/11.50 CMM	
Fan	Air Flow Rate (High / Mid / Low) [L/S]	138.83/138.83/100.00	277.83/277.83/191.67	
	External Static Pressure (Min / Std / Max) [mmAq]	8.70/10.20/16.32 mmAq	7.60/9.20/15.30 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	85.32/100.03/160.04 Pa	74.53/90.22/150.04 Pa	
	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm	
	Liquid Pipe (Φ, inch)	1/4"	1/4"	
Piping Connections	Gas Pipe (Φ, mm)	12.70 mm	12.70 mm	
	Gas Pipe (Φ, inch)	1/2"	1/2"	
	Drain Pipe (Φ,mm)	VP25 (OD 32,ID 25) mm	VP25 (OD 32,ID 25) mm	
er time :	Power Source Wire	1.5~2.5	1.5~2.5	
Field Wiring	Transmission Cable	0.75~1.50	0.75~1.50	
D.C.	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Refrigerant	Control Method	EEV INCLUDED	EEV INCLUDED	
C	Sound Pressure (High / Mid / Low) [dB(A)]	36.0/32.0/28.0 dBA	36.0/34.0/31.0 dBA	
Sound	Sound Power	67.0 dBA	67.0 dBA	
	Net Weight (kg)	61.00 kg	90.00 kg	
External Dimension	Shipping Weight (kg)	75.20 kg	107.50 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1553 x 270 x 1000 mm	1763 x 340 x 1135 mm	
	Shipping Dimensions (WxHxD) (mm)	1847 x 349 x 1300 mm	2027 x 428 x 1424 mm	
Additional Accessories	Air Filter	High Efficiency Filter (PP)	High Efficiency Filter (PP)	

ERV Plus

DIMENSIONAL DRAWINGS AM050/100FNKDEH/EU







No.	Name		Description			
			500CMH	500CMH		
1	Liquid pipe con	nection	Ø6.35 (1/4")			
2	Gas pipe conne	ction	Ø12.7 (1/2")			
3	Drain pipe conr	ection	VP25 (OD32, ID25)			
	Nominal	AM050FNKDEH	Ø200			
4	diameter for duct	AM100FNKDEH	Ø2	50		

Model	A	В	С	D	Е	F	G	Н	1
AM050FNKDEH/EU	1036	1000	987	1553	270	99	130	253	135
AM100FNKDEH/EU	1183	1135	1189	1763	340	84	160	362	170

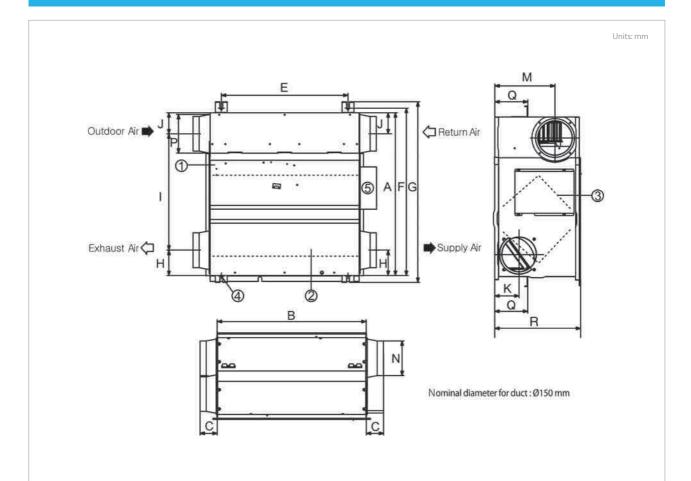
SPECIFICATIONS ANO26JSKLKN/EU



Model Code		AN026JSKLKN/EU					
Power Supply (Indoor U	Init) [Φ, #, V, Hz]	1.2,220-240,50/60					
Temperature	Cooling	70.00%					
Exchange Rate	Heating	70.00%					
Enthalpy	Cooling	50.00%					
Exchange Rate	Heating	70.00%					
Power Input (Nominal)		115					
Current Input (Nominal)	0.70 A					
Fan	Air Flow Rate (High / Mid / Low) [CMH]	260/250/180 CMH					
raii	External Static Pressure (Min / Std / Max) [Pa]	45 / 80 / 100 Pa					
External Dimension	Net Weight (kg)	28.5 kg					
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	600 x 350 x 660 mm					

DIMENSIONAL DRAWINGS ANO26JSKLKN/EU





No.	Name	Quantity
1	Maintenance cover	1
2	Heat exchange element	1
3	Dust filter	2
4	Hanger	4
5	Electrical component box	1

Model	A	В	С	E	F	G	Н	1	J	K	М	N	Р	Q	R
026	600	660	70	510	675	729	102	470	85	98	242	Ø140	Ø156	133	350

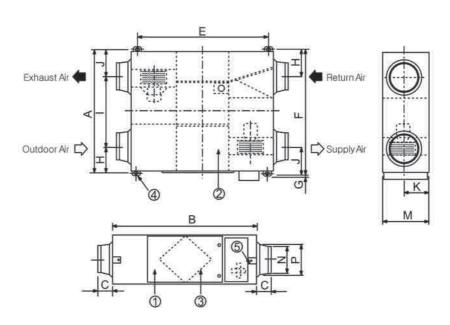
SPECIFICATIONS AN035/050/080/100JSKLKN/EU



Model Code		AN035JSKLKN/EU	AN050JSKLKN/EU	AN080JSKLKN/EU	AN100JSKLKN/EU	
Power Supply (Indoor U	Jnit) [Φ, #, V, Hz]	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	
Temperature	Cooling	70.00%	70.00%	70.00%	70.00%	
Exchange Rate	Heating	70.00%	70.00%	70.00%	70.00%	
Enthalpy	Cooling	50.00%	50.00%	50.00%	50.00%	
Exchange Rate	Heating	70.00%	70.00%	70.00%	70.00%	
Power Input (Nominal)		115	175.00W	330.00W	450.00W	
Current Input (Nomina	0	0.70 A	1.10 A	2.10 A	2.90 A	
Fan	Air Flow Rate (High / Mid / Low) [CMH]	350 / 350 / 260 CMH	500 / 500 / 360 CMH	800 / 800 / 560 CMH	1000 / 1000 / 690 CMH	
ran	External Static Pressure (Min / Std / Max) [Pa]	85 / 100 / 155 Pa	85 / 100 / 165 Pa	80 / 90 / 155 Pa	75 / 90 / 155 Pa	
External Dimension	Net Weight (kg)	42.50 kg	42.50 kg	67.00 kg	67.00 kg	
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1012 x 270 x 1000 mm	1012 x 270 x 1000 mm	1220 x 340 x 1135 mm	1220 x 340 x 1135 mm	

DIMENSIONAL DRAWINGS ANO35/050/080/100JSKLKN/EU





Model	Nominal diameter for duct
035/050	Ø200
080/100	Ø250

No.	Name	Quantity
1	Maintenance cover	1
2	Heat exchange element	2
3	Dust filter	4
4	Hanger	4
5	Electrical component box	1

Model	А	В	С	E	F	G	Н	1	J	K	M	N	Р
035/050	1000	1012	99	940.6	1036.4	26	130	617	253	135	270	Ø194	Ø241.5
080/100	1135	1220	84	1110	1183	25	184	613.25	387.75	170	340	Ø244	Ø270





_ine-up



DVM S HP/HR High Efficiency

						Sin	igle			
Image	Model	Capacity	8	10	12	14	16	18	20	22
0	AM080JXVHG*/EU	8 HP	1							
2	AM100JXVHG*/EU	10 HP		1						
	AM120JXVHG*/EU	12 HP			1					
	AM140JXVHG*/EU	14 HP				1				
	AM160JXVHG*/EU	16 HP					1			
d.	AM180JXVHG*/EU	18 HP						1		
	AM200JXVHG*/EU	20 HP							1	
	AM220JXVHG*/EU	22 HP								1

DVM S HP/HR

						Modular				
Image	Model	Capacity	54*	56*	58*	60*	62*	64*	66*	68*
0	AM080JXVHG*/EU	8 HP								
ج	AM100JXVHG*/EU	10 HP								
	AM120JXVHG*/EU	12 HP	1	1						2
	AM140JXVHG*/EU	14 HP			1					
	AM160JXVHG*/EU	16 HP				1				
<i>6</i>	AM180JXVHG*/EU	18 HP					1			
	AM200JXVHG*/EU	20 HP	1					1		
	AM220JXVHG*/EU	22 HP	1	2	2	2	2	2	3	2

 $^{{}^*\}text{If you wish to install outdoor unit module with capacity over 66HP, please contact local Samsung dealer.}$

 $^{{}^*\!}For\,specifications\,of\,modular\,combinations,\,please\,contact\,you\,local\,Samsung\,Representative and the combination of the c$

Line-up

						Modular						
28*	30*	32*	34*	36*	38*	40*	42*	44*	46*	48*	50*	52*
1	1	1	1						1	1	1	1
				1						1		
1					1						1	
	1					1						1
		1					1					
			1	1	1	1	1	1	1	1	1	1

70*	72*	74*	76*	78*	80*
1	1	1	1	1	
1					1
	1				
		1			
			1		
2	2	2	2	3	3

Line-up

DVM S Water

Image	Model	8	10	12	16	18	20	22	24	
	AM080FXWANR/EU	1			2	1				
	AM100FXWANR/EU		1			1		1		
	AM120FXWANR/EU			1				1	2	
	AM200FXWANR/EU						1			

DVM S Eco

Image	Capacity Phase	4HP	5HP	6HP	8HP	10HP	12HP	14HP
0-	1 Phase	•	•	•				
0	3 Phase	•	•	•	•	•	•	•

Line-up

	26	28	30	32	34	36	38	40	42	48	50	52	60
1 2 1 1	2	1				2	1			1			
	1		1		1		1		1		1		
1 1 1 1 2 1 2 2 3				1	2				1			1	
		1	1	1		1	1	2	1	2	2	2	3

Optimise Comfort with Solutions Designed for Superior Efficiency and Manageability

Variable refrigerant flow (VRF) systems are a smart solution for commercial and large residential buildings that demand higher efficiency, individualized control and installation flexibility.

Advanced heat recovery combines heating, cooling and ventilation processes for increased energy efficiency and lower operating costs. In addition, VRF technology supports zone control, enabling users to adjust individual climate settings to suit their personal comfort preferences. And with copper piping that's typically longer than traditional direct expansion (DX) systems, VRF units increase design flexibility for more creative installations.

Samsung's VRF system air conditioners offer instant temperature control, user-friendly installation and advanced functionality, along with smart power usage. Our flagship VRF-based Samsung DVM S is a highly innovative system that adopts the new 3rd-Generation Samsung Scroll Compressor (SSC) technology. With its Dual Digital Inverter, DVM S provides world-class energy efficiency and the most powerful cooling and heating performance available on the market. This ideal air conditioning system accommodates all variable environments, including large commercial or residential buildings.

The Samsung DVM S system air conditioner delivers optimal comfort, efficiency and performance with features such as:

- The world's largest capacity. Experience the ultimate heating and cooling capacity while optimising space with an efficiently-sized design.
- Improved heating performance. Enhance airflow with smarter, more efficient heating technology to weather cold environments.
- High energy efficiency. Decrease energy consumption and costs with a dual inverter system featuring simultaneous compressor operation for higher performance.
- Flexible installation. Ease installation and reduce labor costs with a lightweight design and extended piping length and elevation support.
- Year-round climate control. Enjoy a comfortable environment even in extreme climates with advanced temperature control and rapid cooling and heating performance.
- Smart management. Monitor system performance effectively with convenient web-based data access and management from anywhere.
- Reliable performance and durability. Ensure dependable cooling and heating for all conditions with weather-proofing and corrosion resistance.



Enhance Temperature Control with More Intelligent and Efficient Heating Operation

With three improved key features, DVM S ensures fresh airflow for increased comfort. Enhanced flash injection delivers reliable heating at lower temperatures, while more intelligent defrost and snow detection offer more precise operation, saving valuable energy and expenses.



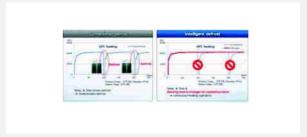
Improved Flash Injection

Featuring advanced refrigerant control technology, Samsung's flash injection provides 25% improved performance at -25°C. And at even lower temperatures, it continues to perform, delivering reliable comfort in frigid conditions.



Intelligent Defrost

DVM S features new frost detection that provides continuous heating time and improved efficiency. The system considers not only conventional factors but also air resistance to intelligently judge the defrost operation. More precise defrost judgment avoids unnecessary defrosting thanks to the partial load and I ower ambient temperature operation. Ultimately, users can enjoy less energy waste and more continuous heating time.



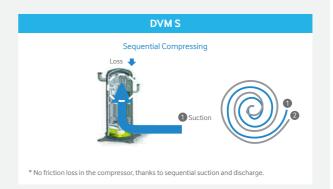
Hybrid Heat Exchanger

The DVM S Hybrid Heat Exchanger offers a 49% larger heat transfer area, and a double layer that balances refrigerant flow. Refrigerant pressure drop is minimised by applying a different tube diameter in accordance with the refrigerant property.



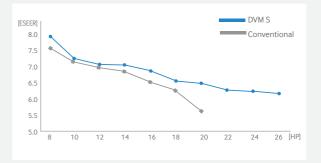
Minimise Compression Loss with Asymmetric Scroll Design

DVM S applies a fluid, asymmetrical scroll design that minimises compression loss during refrigerant compression for maximum performance.



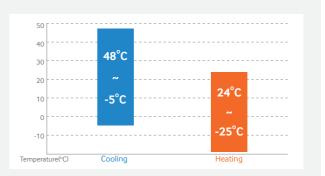
Maintain Optimal Comfort and Control with Energy- and Cost-Efficient Technologies

Samsung DVM S features several smart technologies that combined deliver world-class energy efficiency and economy with these technologies, DVM S boasts a superior 13% higher Energy Efficiency Ratio (EER), and 4% higher European Seasonal Energy Efficiency Ratio (ESEER) than the industry standard model. Samsung's innovation has not gone unnoticed. Samsung DVM S was recognized by Eurovent, an independent testing organization, for its world-first cooling and heating performance and efficiency.



Weather a Wide Range of Outdoor Temperatures Comfortably

No matter how extreme the temperature, the high-performing DVM S can handle the condition—without the need for an additional unit. Featuring a wide temperature allowance, it can cool in heat of up to 48°C and provide warmth in the freezing cold of -25°C to ensure a constant and comfortable home

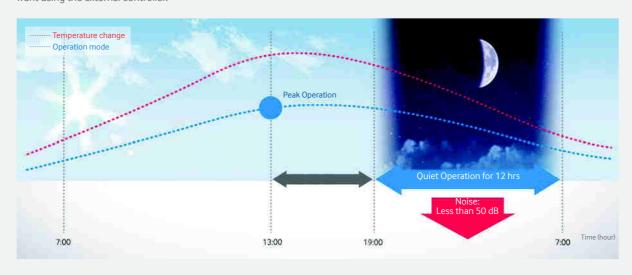


Lessen Disruptions with 12-hour Quiet Operation

DVM S outdoor fans include an operation control system that drastically reduces noise levels. Quiet operation continues for 12 hours, so residents can relax and rest peacefully with less distraction during the night.

Minimise Nighttime Noise

A new Night Silent Control feature includes a timer and external contact interface module, which allow users to set the time they want to minimise noise. With the upgraded Night Silent Control feature, users can manage the noise control function when they want using the external controller.



Monitor and Resolve System Issues Remotely with a Smart Management System

DVM S features a smart, web-based management system for the ultimate in convenient management. The advanced system facilitates self-diagnosis, auto trial operations and mobile data transmissions, which users can easily access and monitor via the web-based tool.



Easy Access

Thanks to the small opening on the outdoor unit, checking the outdoor status and setting option is easy, because users don't need to remove the entire front cover.



Automatic Data Backup



System Oversight from Anywhere

With Wi-Fi S-Checker, users can access the system via their smartphones or tablet PCs to monitor operation status or data whenever and wherever. With self-diagnosis mode, DVM S automatically monitors its operation status and displays an error code in response to signs of abnormal operation. Users can then identify and address the issue promptly.



Heat Environments Effortlessly and Continuously for Ultimate Comfort

The DVM S HR (Heat Recovery) model delivers continuous heating performance using innovative rotational defrost for reliable warmth and comfort. In addition, it supports more agile operation through simultaneous cooling and heating.



Non-stop Heating

DVM S can operate continuously in heating mode with rotational defrost operation. Because the heating mode runs for a longer period of time, users can enjoy a more pleasant, warm environment.

Simultaneous Cooling and Heating

Single outdoor units can operate all indoor units in both cooling and heating mode. They can also simultaneously operate in cooling and heating mode, when necessary, providing more operational freedom.



Fine-Tuned Control

DVM S HR uses a Mode Change Unit (MCU) kit that is less than 32% the size of competitors' products. The MCU has an internal on/off valve that enables fine-tuned control via an electronic expansion valve (EEV) and sub-cooler. Improved performance and reduced noise create a pleasant temperature-controlled environment.

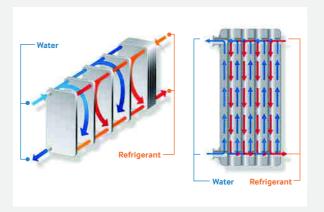


Temper the Indoor Environment with Innovative Water-based Heating and Cooling Technology

DVM S Water is a high-capacity outdoor cooling and heating system, ideal for large buildings. Unique to other DVM S models, the DVM S Water air conditioning system uses water as its heat source, which connects to a cooling tower and boiler. Using a highly efficient compressor and heat exchanger, DVM S Water provides effective and reliable performance despite changes in the surrounding environment. Its long piping and lightweight design also make it easy and economical to install almost anywhere.

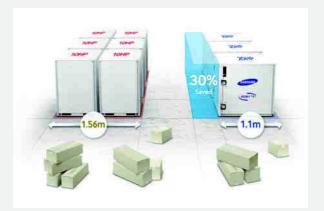
Decreased Maintenance and Energy Costs

DVM S Water features advanced PHE technology, which improves cooling and heating efficiency, further benefiting the environment while reducing maintenance and energy costs.



Economical Design and Setup

At 22 HP, the large-unit capacity of DVM S Water facilitates economical installation with a smaller footprint and lighter weight – an ideal solution for larger buildings. .



DVM S Water

Renewable Energy Source

Eco-friendly DVM S Water uses geothermal energy as a renewable heat source instead of a cooling tower and boiler, effectively supporting businesses' environmental and cost reduction initiatives.



Cost-effective Water Flow Control

DVM S Water's built-in Water Flow Controller helps regulate the amount of water used to cool and heat the outdoor unit. It determines the optimum flow of water based on the internal temperature of the space, economising both the circulation pump's energy usage and costs. And because it's a standard option, businesses can eliminate the expense of purchasing a separate water flow control kit.



Louver-less Installation

The DVM S Water air conditioning system's louver-less installation ensures that the outside of the building remains neat and tidy. Because the system cools with water, it eliminates the need to install an unsightly louver to allow air to circulate and to remove excess heat. Its streamlined operation supports easy installation inside a building without impacting the integrity of its architectural design.

DVM S Eco

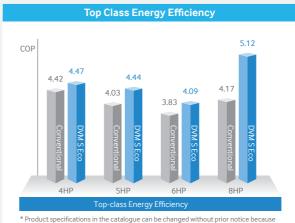
Experience Ultimate Comfort at Home or Work with Powerful yet Economical Performance

The VRF-based Samsung DVM S Eco system air conditioner combines world-class energy efficiency and economy to deliver outstanding performance in a space-saving design. Supporting up to nine indoor units, DVM S Eco is a perfectly optimised cooling system for residences and smaller buildings. Its lightweight, small-scale build enables easy, low-cost installation, while its uniquely quiet design ensures soothing comfort and maximum efficiency. Plus, the DVM S Eco line offers a wide range of capacities to suit every need.



Energy-efficient Compression

DVM S Eco features innovative Twin Brushless Direct Current (BLDC) rotary compressor, which provides a higher cooling and heating COP than that of a conventional model. The result is one of the most efficient air conditioning systems on the market and a smart investment for cost-conscious businesses.



* Product specifications in the catalogue can be changed without prior notice because there is always ongoing improvement on our product.

Broad Installation Options

DVM S Eco provides greater piping lengths than conventional models for increased design flexibility. Its extended piping length of up to 170 m (558 ft) and installation height of up to 50 m (164 ft) offer businesses more installation options. The piping distance is far between outdoor and indoor units, so individual indoor units perform capacity connection control and automatic refrigerant equalisation for more balanced performance between units.

DVM S Eco

Easy Setup with a Lightweight Build

DVM S Eco optimises space with its extremely slim and light design—the largest 9 HP model weighing just 135 kg (297.64 lb). With its small footprint, DVM S Eco is more flexible and economical to install as it fits into a smaller area. Plus its 60% volume and depth makes the best use of valuable space while continuing to produce superior quality heating and cooling performance.



Efficient Space Use

With a single DVM S Eco (8 HP) outdoor unit, users can experience the same performance level as that of two 4 HP outdoor units. The streamlined high-performance unit reduces installation space, so users can optimise more compact areas and minimise installation effort.



Ultra-Quiet Operation

By producing less noise than conventional models, the DVM S Eco imposes fewer distractions on residential and working environments. Its compact, unimposing design and specially shaped fan blades help reduce sound levels up to 5 decibels, creating a more pleasant environment. Plus, its quiet operation during the night time creates a restful space with a reduced noise level of 2-8 dB.

ERV/ERV Plus

Enjoy High-efficiency Ventilation for a More Refreshing Atmosphere

Indoor air quality is gaining more and more attention as increasingly more people become ill from airborne contaminants. Indoor air contamination is often the cause behind building-related syndromes, such as asthma, headaches and dizziness.

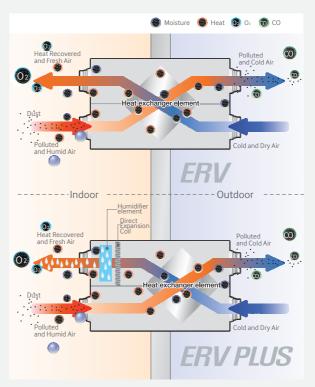
The Samsung ERV (Energy Recovery Ventilation) system air conditioner provides fresh, healthy air from outside while minimising energy loss for maximum efficiency. Its intelligent structure incorporates features specifically designed for flawless ventilation and efficient operation.

Drive Energy Savings with Unparalleled Heat Exchange and Automated Temperature Control

Samsung ERV and ERV Plus deliver exceptional cooling and heating all year round by employing the following heat recovery method:

- A 2-way ventilation design with air inlets and outlets on both sides of the units provides superior ventilation efficiency.
- 2. The remaining surface of the heat exchange area transfers heat energy while preventing the discharged contaminants from re-entering.
- 3. The system recovers up to 70 percent of the energy needed to cool or heat the environment. The efficient heat recovery maintains the indoor temperature and humidity during the winter, and prevents outdoor heat and moisture from entering indoors during the summer.

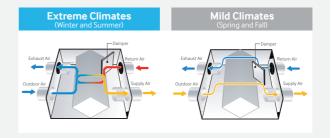
Heat Recovery Method of ERV System



ERV/ERV Plus

Auto Mode

ERV and ERV Plus automatically change operation mode, depending on the temperature difference between the indoor and outdoor environment, to conserve energy.

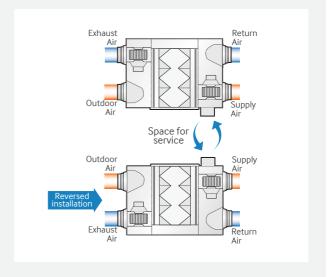


Smart C₀₂ Detection

ERV provides fresh in-room airflow by detecting CO2 with the optional CO2 Sensor. Users can also attach a humidity stat (procured locally), which detects the moisture of the room and automatically adjusts its humidity level.

Flexible Setup*

The ERV system can be installed vertically or horizontally. This installation flexibility saves time on maintenance when installing more than one unit. Users can reduce the number of service holes by installing ERV with the control box facing a single service hole (applicable to ERV only).



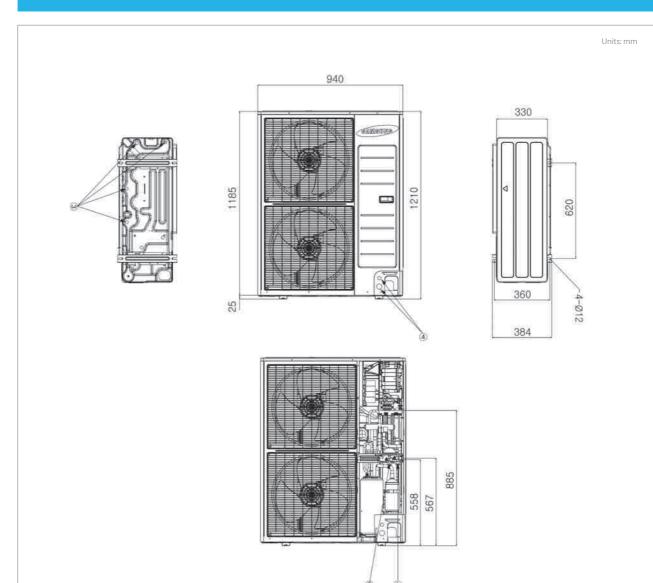
SPECIFICATIONS
AM040/050/060FXMDEH/EU



Model Code		AM040FXMDEH/EU		
Features	Туре	DVM S Eco (NEW)	DVM S Eco (NEW)	DVM S Eco (NEW)
Model Name	Outdoor Unit	AM040FXMDEH/EU	AM050FXMDEH/EU	AM060FXMDEH/EU
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance (nominal)		4.00 HP	5.00 HP	6.00 HP
	Cooling [kW]	12.10 kW	14.00 kW	15.50 kW
	Cooling [Btu/h]	41,300 Btu/h	47.800 Btu/h	52,900 Btu/h
Capacity	Heating [kW]	13.50 kW	16.00 kW	18.00 kW
	Heating [Btu/h]	46,100 Btu/h	54,600 Btu/h	61,400 Btu/h
	Cooling 1)	2.89 kW	3.69 kW	4.31 kW
Power Input (Nominal)	Heating 2)	3.02 kW	3.61 kW	4.39 kW
	Cooling 1)	14.00 A	17.90 A	21.00 A
Current Input (Nominal)	Heating 2)	15.10 A	17.20 A	20.20 A
	MCA [A]	22.00 (MCA) A	24.00 (MCA) A	32.00 (MCA) A
Power	MFA [A]	27.50 A	30.00 A	40.00 A
	EER (Nominal Cooling)	4.19	3.79	3.6
Energy Efficiency	COP (Nominal Heating)	4.47	4.43	4.1
	Туре	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output (kW)	(4.12) kW	(4.12) kW	(4.12) kW
Compressor	Model	UG5T450FUEJXSG x 1	UG5T450FUEJXSG x 1	UG5T450FUEJXSG x 1
301117103301	Oil (Type)	PVE	PVE.	PVE
	Oil (Initial Charge) [cc]	1700 cc	1700 cc	1700 cc
	Type	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC
	Motor (Output) [W]	125.0 x 2 W	125.0 x 2 W	125.0 x 2 W
an	Air Flow Rate (High / Mid / Low) [CMM]	100 CMM	100 CMM	100 CMM
	Air Flow Rate (High/Mid/Low) [L/S]	1,666.67	1,666.67	1,666.67
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52 mm
	Liquid Pipe (Φ, Initi)	3/8"	3/8"	3/8"
	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	19.05 mm
Piping Connections	Gas Pipe (Φ, mm) Gas Pipe (Φ, inch)	5/8"	5/8"	3/4"
	Installation Max. Length [m]	150 m	150 m	150 m
	Installation Max. Length [m]	50.0 m	50.0 m	50.0 m
	Power Source Wire	50.0111	50.0 111	50.0 m
ield Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5
Refrigerant	Type	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
	Factory Charging (kg)	3.20 kg	3.20 kg	3.30 kg
ound	Sound Pressure	50.0 dBA	51.0 dBA	53.0 dBA
	Sound Power	66.0 dBA	67.0 dBA	69.0 dBA
	Net Weight (kg)	100.0 kg	100.0 kg	103.0 kg
xternal Dimension Outdoor Unit)	Shipping Weight (kg)	105.0 kg	105.0 kg	108.0 kg
Outdoor Offic	Net Dimensions (WxHxD) (mm)	940 x 1,210 x 330 mm	940 x 1,210 x 330 mm	940 x 1,210 x 330 mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1,388 x 426 mm	995 x 1,388 x 426 mm	995 x 1,388 x 426 mm
Operating Temp. Range	Cooling (°C)	-5.0~48.0 °C	-5.0 ~ 48.0 °C	-5.0~48.0°C
	Heating (°C)	-20.0 ~ 26.0 °C	-20.0 ~ 26.0 °C	-20.0 ~ 26.0 °C

DIMENSIONAL DRAWINGS AMO40/050/060FXMDEH/EU





No.	Name		Description
1	Gas ref. pipe	Ø, mm	12.1, 14.0 kW : 15.88 15.5 kW : 19.05
2	Liquid ref. pipe	Ø, mm	9.52
3	Condensate drain holes	Ø, mm	20 x 4
4	Power and communication wiring holes	Ø, mm	22.2 x 3 / 34.5 x 3

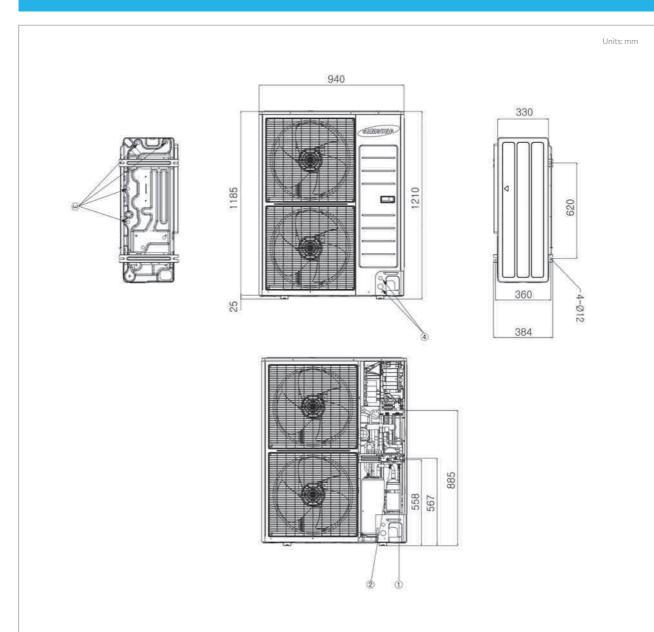
SPECIFICATIONS
AM040/050/060FXMDGH/EU



Model Code		AM040FXMDGH/EU	AM050FXMDGH/EU	AM060FXMDGH/EU
Features	Туре	DVM S Eco (NEW)	DVM S Eco (NEW)	DVM S Eco (NEW)
Model Name	Outdoor Unit	AM040FXMDGH/EU	AM050FXMDGH/EU	AM060FXMDGH/EU
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance (nominal)		4.00 HP	5.00 HP	6
	Cooling [kW]	12.10 kW	14.00 kW	15.5
2	Cooling [Btu/h]	41,300 Btu/h	47,800 Btu/h	52,900
Capacity	Heating [kW]	13.50 kW	16.00 kW	18
	Heating [Btu/h]	46,100 Btu/h	54,600 Btu/h	61,400
D 1 1/41 1 0	Cooling 1)	2.99 kW	3.69 kW	4.31
Power Input (Nominal)	Heating 2)	3.02 kW	3.61 kW	4.39
	Cooling 1)	4.80 A	6.20 A	7.3
Current Input (Nominal)	Heating 2)	5.00 A	6.00 A	6.9
_	MCA [A]	10.00 (MCA) A	12.00 (MCA) A	12.00 (MCA)
Power	MFA [A]	16.10 A	16.10 A	16.1
	EER (Nominal Cooling)	4.05	3.79	3.6
Energy Efficiency	COP (Nominal Heating)	4.47	4.43	4.1
	Туре	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output (kW)	(4.12) kW	(4.12) kW	-4.12
Compressor	Model	UG5T450FUFJXSG x 1	UG5T450FUFJXSG x 1	UG5T450FUFJXSG x 1
	Oil (Type)	POE	POE	POE
	Oil (Initial Charge) [cc]	1700 cc	1700 cc	1700
	Туре	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC
	Motor (Output) [W]	125.0 x 2 W	125.0 x 2 W	125×2
Fan	Air Flow Rate (High / Mid / Low) [CMM]	100 CMM	100 CMM	100
	Air Flow Rate (High/Mid/Low) [L/S]	1,666.67	1,666.67	1,666.67
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	9.52
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"
	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm	19.05
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"	3/4"
	Installation Max. Length [m]	150 m	150 m	150(175)
	Installation Max. Height [m]	50.0 m	50.0 m	50(40)
	Power Source Wire		-	-
Field Wiring	Transmission Cable	0.75 ~ 1.5	0.75~1.5	0.75~1.5
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	3.20 kg	3.20 kg	3.3
	Sound Pressure	50.0 dBA	51.0 dBA	53
Sound	Sound Power	66.0 dBA	67.0 dBA	69
	Net Weight (kg)	100.0 kg	100.0 kg	103
External Dimension	Shipping Weight (kg)	105.0 kg	105.0 kg	108
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1,210 x 330 mm	940 x 1,210 x 330 mm	940 x 1,210 x 330
INC.	Shipping Dimensions (WxHxD) (mm)	995 x 1.388 x 426 mm	995 x 1,388 x 426 mm	995 x 1.388 x 426
	Cooling (°C)	-5.0~48.0°C	-5.0 ~ 48.0 °C	-5.0 ~ 48.0 °C
Operating Temp. Range	Heating (°C)	-20.0 ~ 26.0 °C	-20.0 ~ 26.0 °C	-20.0 ~ 26.0 °C

DIMENSIONAL DRAWINGS
AMO40/050/060FXMDGH/EU





No.	Name		Description
1	Gas ref. pipe	Ø, mm	12.1, 14.0 kW : 15.88 15.5 kW : 19.05
2	Liquid ref. pipe	Ø, mm	9.52
3	Condensate drain holes	Ø, mm	20 x 4
4	Power and communication wiring holes	Ø, mm	22.2 x 3 / 34.5 x 3

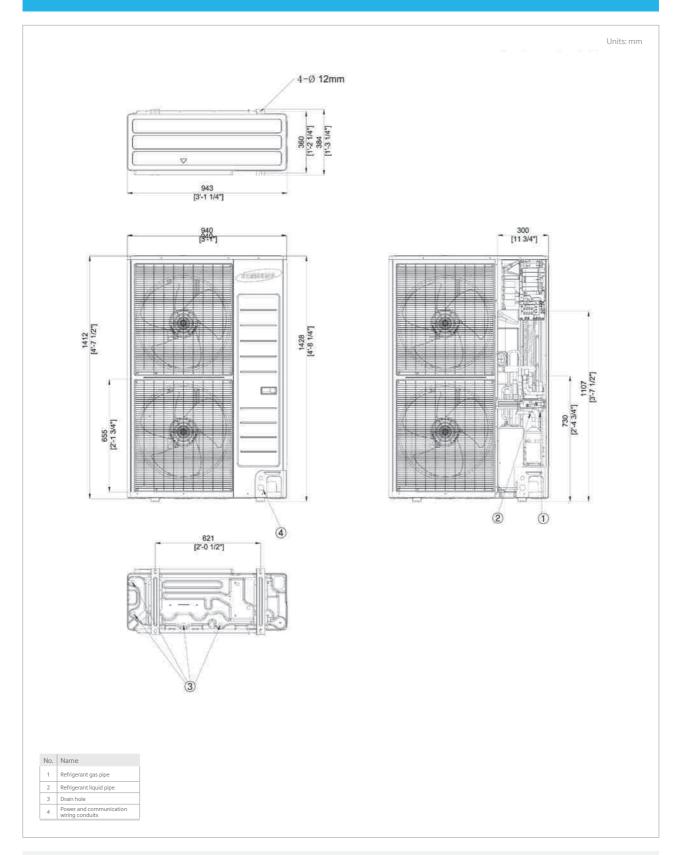
SPECIFICATIONS AM080FXMDGH/EU



Model Code		AM080FXMDGH/EU				
Features	Туре	DVM S Eco (NEW)				
Model Name	Outdoor Unit	AM080FXMDGH/EU				
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	3.4,380-415,50				
System	Mode	HEAT PUMP				
Performance (nominal)		8.00 HP				
	Cooling [kW]	22.40 kW				
	Cooling [Btu/h]	76,400 Btu/h				
Capacity	Heating [kW]	25.00 kW				
	Heating [Btu/h]	85,300 Btu/h				
	Cooling 1)	5.72 kW				
Power Input (Nominal)	Heating 2)	4.88 kW				
	Cooling 1)	9.66 A				
Current Input (Nominal)	Heating 2)	8.24 A				
	MCA [A]	18.00 (MCA) A				
Power	MFA [A]	25.00 A				
	EER (Nominal Cooling)	3.92				
Energy Efficiency	COP (Nominal Heating)	5.12				
	Туре	SSC Scroll x 1				
	Output (kW)	(4.96) kW				
Compressor	Model	DS-GB052FAVAD0 x 1				
	Oil (Type)	PVE				
	Oil (Initial Charge) [cc]	1100 cc				
	Туре	Propeller				
	Motor (Output) [W]	180.0 x 2 W				
Fan	Air Flow Rate (High / Mid / Low) [CMM]	135 CMM				
	Air Flow Rate (High/Mid/Low) [L/S]	2,250.00				
	Liquid Pipe (Φ, mm)	9.52 mm				
	Liquid Pipe (Φ, inch)	3/8"				
P	Gas Pipe (Φ, mm)	19.05 mm				
Piping Connections	Gas Pipe (Φ, inch)	3/4"				
	Installation Max. Length [m]	100 m				
	Installation Max. Height [m]	30.0 m				
	Power Source Wire					
Field Wiring	Transmission Cable	0.75~1.5				
n.c.	Туре	R410A (Fluorinated greenhouse gas)				
Refrigerant	Factory Charging (kg)	3.70 kg				
Sound	Sound Pressure	56.0 dBA				
Sound	Sound Power	74,0 dBA				
	Net Weight (kg)	135.0 kg				
External Dimension	Shipping Weight (kg)	145.0 kg				
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1,420 x 330 mm				
	Shipping Dimensions (WxHxD) (mm)	995 x 1,578 x 426 mm				
Operating Temp. Range	Cooling (°C)	-5.0∼ 48.0 °C				
Operating remp. Range	Heating (°C)	-20.0~24.0 °C				

DIMENSIONAL DRAWINGS AMOSOFXMDGH/EU





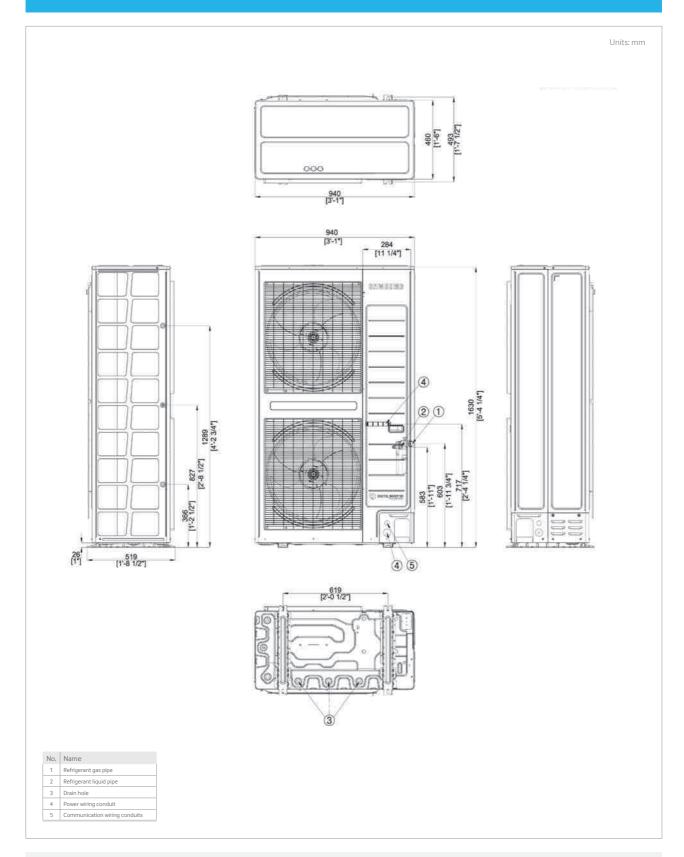
SPECIFICATIONS
AM100/120/140KXMDGH/EU



Model Code		AM100KXMDGH/EU	AM120KXMDGH/EU	AM140KXMDGH/EU	
Features	Туре	DVM S Eco Big	DVM S Eco Big	DVM S Eco Big	
Model Name	Outdoor Unit	AM100KXMDGH/EU	AM120KXMDGH/EU	AM140KXMDGH/EU	
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	
System Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance (nominal)		10	12	14	
	Cooling [kW]	28	33.5	40	
0	Cooling [Btu/h]	95500	114300	136500	
Capacity	Heating [kW]	31.5	37.5	45	
	Heating [Btu/h]	107500	128000	153500	
5 1 101 10	Cooling 1)	7.29	8.77	10.59	
Power Input (Nominal)	Heating 2)	6.74	7.83	9.88	
	Cooling 1)	11.51	13.74	16.48	
Current Input (Nominal)	Heating 2)	10.58	12.23	15.55	
	MCA [A]	21.5	23.5	32	
Power	MFA [A]	30	30	40	
	EER (Nominal Cooling)	3.84	3.82	3.78	
Energy Efficiency	COP (Nominal Heating)	4.67	4.79	4.55	
	Туре	Scroll Inverter	Scroll Inverter	Scroll Inverter	
	Output (kW)	5.18 x 1	6.39 x 1	6.76 x 1	
Compressor	Model	DS-GB052FAVB	DS-GB066FAVB	DS-GB070FAVA	
	Oil (Type)	PVE	PVE	PVE	
	Oil (Initial Charge) [cc]	1100	1100	1100	
	Туре	Propeller	Propeller	Propeller	
	Motor (Output) [W]	244*2	244*2	244*2	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	165 / 177	166 / 190	180 / 201	
	Air Flow Rate (High/Mid/Low) [L/S]		-	-	
	Liquid Pipe (Φ, mm)	9.52	12.7	12.7	
	Liquid Pipe (Φ, inch)	3/8"	1/2"	1/2"	
Piping Connections	Gas Pipe (Φ, mm)	22.22	28.58	28.58	
	Gas Pipe (Φ, inch)	7/8"	1+1/8"	1+1/8"	
	Installation Max. Height [m]	50.0 m	50.0 m	50.0 m	
	Power Source Wire	-	-	-	
Field Wiring	Transmission Cable	-	-	-	
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Refrigerant	Factory Charging (kg)	3.7 kg	4.3 kg	4.8 kg	
	Sound Pressure	58.0 dBA	59.0 dBA	62.0 dBA	
Sound	Sound Power	TBD	TBD	TBD	
	Net Weight (kg)	145.0 kg	155.0 kg	162.0 kg	
External Dimension	Shipping Weight (kg)	158.0 kg	168.0 kg	175.0 kg	
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1,630 x 460 mm	940 x 1,630 x 460 mm	940 x 1,630 x 460 mm	
	Shipping Dimensions (WxHxD) (mm)	1,020 x 1,820 x 575 mm	1,020 x 1,820 x 575 mm	1,020 x 1,820 x 575 mm	
	Cooling (°C)	-5~52 °C	-5 ~ 52 °C	-5~52 °C	
Operating Temp. Range	Heating (°C)	-25 ~ 24 °C	-25~24°C	-25~24°C	

DIMENSIONAL DRAWINGS
AM100/120/140KXMDGH/EU





SPECIFICATIONS
AM080/100/120JXVAGH/EU

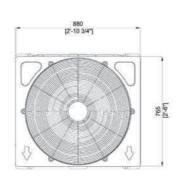


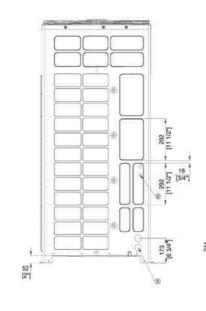
Model Code				AM120JXVAGH/EU	
Features	Туре	DVM S (NEW)	DVM S (NEW)	DVM S (NEW)	
Model Name	Outdoor Unit	AM080JXVAGH/EU	AM100JXVAGH/EU	AM120JXVAGH/EU	
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	
System Mode		HEAT PUMP	HEAT PUMP	HEAT PUMP	
Performance (nominal)		8.00 HP	10.00 HP	12.00 HP	
	Cooling [kW]	22.40 kW	28.00 kW	33.60 kW	
0	Cooling [Btu/h]	76,400 Btu/h	95,500 Btu/h	114,600 Btu/h	
Capacity	Heating [kW]	25.20 kW	31.50 kW	37.80 kW	
	Heating [Btu/h]	86,000 Btu/h	107,500 Btu/h	129,000 Btu/h	
5 1 101 10	Cooling 1)	5.00 kW	6.85 kW	8.16 kW	
Power Input (Nominal)	Heating 2)	5.10 kW	6.65 kW	8.03 kW	
	Cooling 1)	8.00 A	11.00 A	13.1 A	
Current Input (Nominal)	Heating 2)	8.20 A	10.70 A	12.90 A	
_	MCA [A]	22.50 (MCA) A	29.90 (MCA) A	31.30 (MCA) A	
Power	MFA [A]	30.00 A	40.00 A	40.00 A	
	EER (Nominal Cooling)	4.48	4.09	4.12	
Energy Efficiency	COP (Nominal Heating)	4.94	4.74	4.71	
	Туре	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	
	Output (kW)	- kW	- kW	- kW	
Compressor	Model	DS-GA046FAVA x 1	DS-GB066FAVB x 1	DS-GB066FAVB x 1	
	Oil (Type)	PVE	PVE	PVE	
	Oil (Initial Charge) [cc]	- cc	- cc	- cc	
	Туре	Propeller	Propeller	Propeller	
	Motor (Output) [W]	830.0 x 1 W	830.0 x 1 W	830.0 x 1 W	
	Air Flow Rate (High / Mid / Low) [CMM]	170 CMM	170 CMM	220 CMM	
Fan	Air Flow Rate (High/Mid/Low) [L/S]	2,833.33	2,833.33	3,666.67	
	External Static Pressure (Min / Std / Max) [mmAq]	8.00 mmAg	8.00 mmAg	8.00 mmAg	
	External Static Pressure (Min / Std / Max) [Pa]	78.45 Pa	78.45 Pa	78.45 Pa	
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	12.70 mm	
	Liquid Pipe (Φ, inch)	3/8"	3/8"	1/2"	
	Gas Pipe (Φ, mm)	19.05 mm	22.22 mm	28.58 mm	
Piping Connections	Gas Pipe (Φ, inch)	3/4"	7/8"	1 1/8"	
	Installation Max. Length [m]	220 m	220 m	220 m	
	Installation Max. Height [m]	110 m	110 m	110 m	
	Power Source Wire	-	-	-	
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5	
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Refrigerant	Factory Charging (kg)	5.50 kg	5.50 kg	6.50 kg	
	Sound Pressure	57.0 dBA	58.0 dBA	62.0 dBA	
Sound	Sound Power	77.0 dBA	79.0 dBA	81.0 dBA	
	Net Weight (kg)	186.0 kg	197.0 kg	210.0 kg	
External Dimension	Shipping Weight (kg)	202.0 kg	213.0 kg	223.0 kg	
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	880 x 1,695 x 765 mm	880 x 1,695 x 765 mm	880 x 1,695 x 765 mm	
	Shipping Dimensions (WxHxD) (mm)	948 x 1,887 x 832 mm	948 x 1,887 x 832 mm	948 x 1,887 x 832 mm	
	Cooling (°C)	-5.0~48.0 °C	-5.0 ~ 48.0 °C	-5.0 ~ 48.0 °C	
Operating Temp, Range -	Heating (°C)	-25.0 ~ 24.0 °C	-25.0~24.0 °C	-25.0 ~ 24.0 °C	

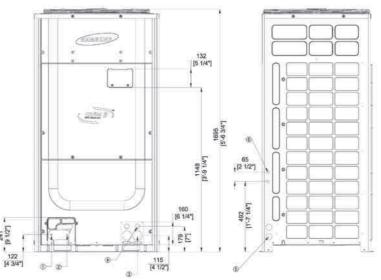
DIMENSIONAL DRAWINGS AM080/100/120JXVAGH/EU

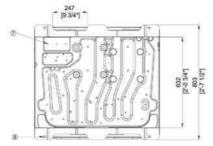


Units: mm









No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Power wiring conduit
4	Communication wiring conduit
5	Power wiring conduit
6	Communication wiring conduit
7	Knock-out hole for ref. piping
8	Anchor bolt hole

SPECIFICATIONS
AM140/160/180/200/220JXVAGH/EU

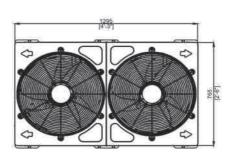


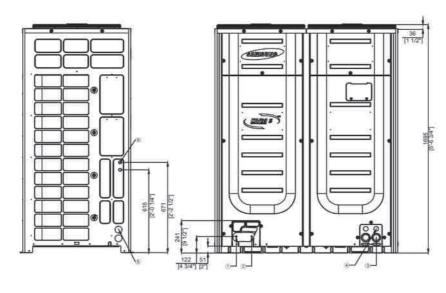
Model Code						
Features	Туре	DVM S (NEW)	DVM S(NEW)	DVM S (NEW)	DVM S (NEW)	DVM S (NEW)
Model Name	Outdoor Unit	AM140JXVAGH/EU	AM160JXVAGH/EU	AM180JXVAGH/EU	AM200JXVAGH/EU	AM220JXVAGH/EU
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	HEAT PUMP				
Performance (nominal)		14.00 HP	16.00 HP	18.00 HP	20.00 HP	22.00 HP
	Cooling [kW]	40.00 kW	45.00 kW	50.40 kW	56.00 kW	61.60 kW
	Cooling [Btu/h]	136,500 Btu/h	153,500 Btu/h	172,000 Btu/h	191,100 Btu/h	210,200 Btu/h
Capacity	Heating [kW]	45.00 kW	50.40 kW	56.70 kW	63.00 kW	69.30 kW
	Heating [Btu/h]	153,500 Btu/h	172,000 Btu/h	193,500 Btu/h	215,000 Btu/h	236,500 Btu/h
	Cooling 1)	10.93 kW	11.98 kW	12.45 kW	14.59 kW	17.35 kW
Power Input (Nominal)	Heating 2)	10.15 kW	11.60 kW	11.90 kW	13.90 kW	16.70 kW
	Cooling 1)	17.50 A	19.20 A	20.00 A	23.40 A	27.80 A
Current Input (Nominal)	Heating 2)	16.30 A	18.60 A	19.10 A	22.30 A	26.80 A
	MCA [A]	31.30 (MCA) A	40.00 (MCA) A	48.90 (MCA) A	52.50 (MCA) A	55.60 (MCA) A
Power	MFA [A]	40.00 A	40.00 A	50.00 A	75.00 A	75.00 A
	EER (Nominal Cooling)	3.66	3.76	4.05	3.84	3.55
Energy Efficiency	COP (Nominal Heating)	4.43	4.34	4.76	4.53	4.15
	Туре	SSC Scroll x 1	SSC Scroll x 2			
	Output (kW)	- kW				
Compressor	Model	DS-GB066FAVB x 1	DS-GA046FAVA x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2
	Oil (Type)	PVE	PVE	PVE	PVE	PVE
	Oil (Initial Charge) [cc]	- CC				
	Туре	Propeller	Propeller	Propeller	Propeller	Propeller
	Motor (Output) [W]	620.0 x 2 W				
	Air Flow Rate (High / Mid / Low) [CMM]	255 CMM	255 CMM	290 CMM	290 CMM	290 CMM
an	Air Flow Rate (High/Mid/Low) [L/S]	4.250.00	4,250.00	4.833.33	4,833,33	4.833.33
	External Static Pressure (Min / Std / Max) [mmAq]	8.00 mmAg	8.00 mmAg	8.00 mmAg	8.00 mmAq	8.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	78.45 Pa				
	Liquid Pipe (Φ, mm)	12.70 mm	12.70 mm	15.88 mm	15.88 mm	15.88 mm
	Liquid Pipe (Φ, inch)	1/2"	1/2"	5/8"	5/8"	5/8"
	Gas Pipe (Φ, mm)	28.58 mm				
Piping Connections	Gas Pipe (Φ, inch)	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
	Installation Max. Length [m]	220 m				
	Installation Max. Height [m]	110 m				
	Power Source Wire	-	-			-
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5
		R410A	R410A	R410A	R410A	R410A
Refrigerant	Type	(Fluorinated greenhouse gas)				
	Factory Charging (kg)	7.70 kg	7.70 kg	8.40 kg	8.40 kg	8.40 kg
Sound	Sound Pressure	61.0 dBA	63.0 dBA	64.0 dBA	65.0 dBA	66.0 dBA
	Sound Power	81.0 dBA	83.0 dBA	86.0 dBA	87.0 dBA	89.0 dBA
	Net Weight (kg)	239.0 kg	269.0 kg	307.0 kg	307.0 kg	307.0 kg
External Dimension (Outdoor Unit)	Shipping Weight (kg)	258.0 kg	288.0 kg	326.0 kg	326.0 kg	326.0 kg
Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1,295 x 1,695 x 765 mm				
	Shipping Dimensions (WxHxD) (mm)	1,363 x 1,887 x 832 mm				
Operating Temp. Range -	Cooling (°C)	-5.0~48.0°C	-5.0 ~ 48.0 °C	-5.0 ~ 48.0 °C	-5.0~48.0°C	-5.0 ~ 48.0 °C
	Heating (°C)	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C	-25.0 ~ 24.0°C	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C

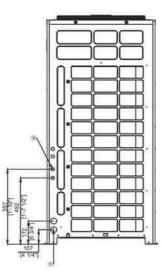
DIMENSIONAL DRAWINGS AM140/160/180/200/220JXVAGH/EU

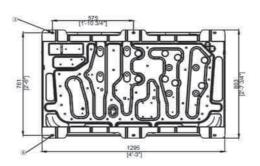


Units: mm









No.	Name
1	Gas ref. pipe
2	Liquid ref. pipe
3	Power wiring conduit
4	Communication wiring conduit
5	Power wiring conduit
6	Communication wiring conduit
7	Knock-out hole for ref. piping
8	Anchor bolt hole

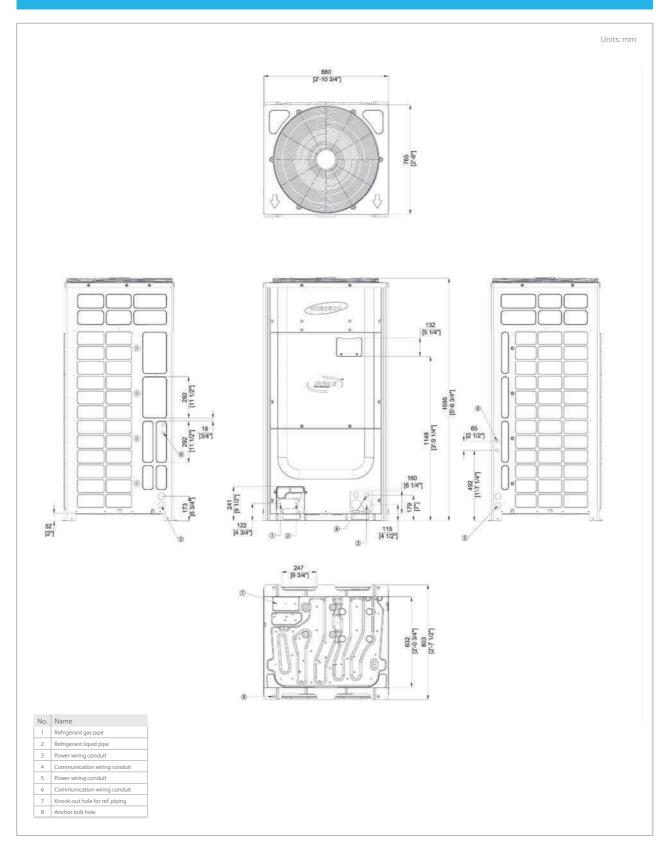
SPECIFICATIONS
AM080/120JXVHGH/EU



Model Code			AM120JXVHGH/EU
Features	Туре	DVM S (NEW)	DVM S (NEW)
Model Name	Outdoor Unit	AM080JXVHGH/EU	AM120JXVHGH/EU
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		3,4,380-415,50	3,4,380-415,50
System Mode		HEAT PUMP	HEAT PUMP
Performance (nominal)		8.00 HP	12.00 HP
	Cooling [kW]	22.40 kW	33.60 kW
	Cooling [Btu/h]	76,400 Btu/h	114,600 Btu/h
Capacity	Heating [kW]	25.20 kW	37.80 kW
	Heating [Btu/h]	86,000 Btu/h	129,000 Btu/h
	Cooling 1)	4.59 kW	7.57 kW
Power Input (Nominal)	Heating 2)	4.59 kW	7.56 kW
	Cooling 1)	7.40 A	12.10 A
Current Input (Nominal)	Heating 2)	7.40 A	12.10 A
	MCA [A]	22.50 (MCA) A	31.30 (MCA) A
Power	MFA [A]	30.00 A	40.00 A
	EER (Nominal Cooling)	4.88	4.44
Energy Efficiency	COP (Nominal Heating)	5.49	5
	Туре	SSC Scroll x 1	SSC Scroll x 1
	Output (kW)	(5.18) kW	(6.39) kW
Compressor	Model	DS-GB052FAVB x 1	DS-GB066FAVB x 1
Compressor	Oil (Type)	PVE	PVE
	Oil (Initial Charge) [cc]	1100 cc	1100 cc
	Туре	Propeller	Propeller
	Motor (Output) [W]	830.0 x 1 W	830.0 x 1 W
	Air Flow Rate (High / Mid / Low) [CMM]	170 CMM	220 CMM
Fan	Air Flow Rate (High/Mid/Low) [L/S]	2,833.33	3,666.67
	External Static Pressure (Min / Std / Max) [mmAq]	8.00 mmAq	8.00 mmAq
	External Static Pressure (Min / Std / Max) [Pa]	78.45 Pa	78.45 Pa
	Liquid Pipe (Φ, mm)	9.52 mm	12.70 mm
	Liquid Pipe (Ф, inch)	3/8"	1/2"
	Gas Pipe (Φ, mm)	19.05 mm	28.58 mm
Piping Connections	Gas Pipe (Φ, inch)	3/4"	11/8"
	Installation Max. Length [m]	220 m	220 m
	Installation Max. Height [m]	110.0 m	110.0 m
	Power Source Wire	-	-
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5
		R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Refrigerant	Type Factory Charging (kg)	6.50 kg	6.50 kg
	Sound Pressure	57.0 dBA	62.0 dBA
Sound	Sound Pressure Sound Power	77.0 dBA	81.0 dBA
	Net Weight (kg)	201.0 kg	201.0 kg
	Shipping Weight (kg)	201.0 kg	201.0 kg
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	217.0 kg 880 x 1,695 x 765 mm	-
			880 x 1,695 x 765 mm
	Shipping Dimensions (WxHxD) (mm)	948 x 1,887 x 832 mm -5.0~ 48.0 °C	948 x 1,887 x 832 mm -5.0~ 48.0 °C
Operating Temp. Range	Cooling (°C)	-5.0 48.0 ℃ -25.0 ~ 24.0 ° C	-5.0 ~48.0 °C -25.0 ~24.0 °C
	Heating (°C)	-25.U 24.U*C	-25.0 Z4.0 °C

DIMENSIONAL DRAWINGS AM080/120JXVHGH/EU





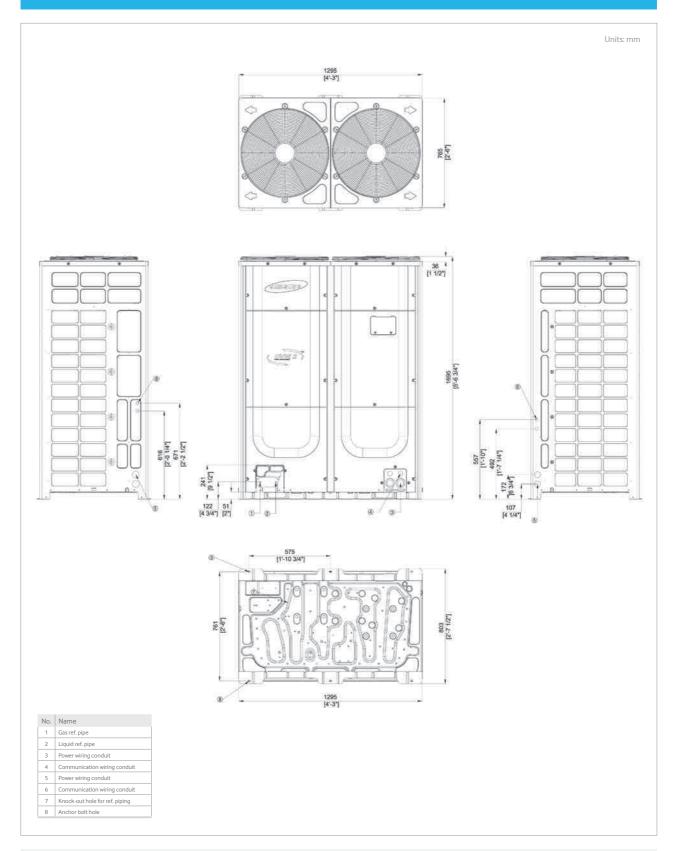
SPECIFICATIONS AM140/160/180/200/220JXVHGH/EU



Model Code					AM200JXVHGH/EU	AM220JXVHGH/EU
Features	Туре	DVM S (NEW)				
Model Name	Outdoor Unit	AM140JXVHGH/EU	AM160JXVHGH/EU	AM180JXVHGH/EU	AM200JXVHGH/EU	AM220JXVHGH/EU
Power Supply (Outdoor L	Jnit) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	HEAT PUMP				
Performance (nominal)		14.00 HP	16.00 HP	18.00 HP	20.00 HP	22.00 HP
	Cooling [kW]	40.00 kW	45.00 kW	50.40 kW	56.00 kW	61.60 kW
Cit-	Cooling [Btu/h]	136,500 Btu/h	153,500 Btu/h	172,000 Btu/h	191,100 Btu/h	210,200 Btu/h
Capacity	Heating [kW]	45.00 kW	50.40 kW	56.70 kW	63.00 kW	69.30 kW
	Heating [Btu/h]	153,500 Btu/h	172,000 Btu/h	193,500 Btu/h	215,000 Btu/h	236,500 Btu/h
	Cooling 1)	10.55 kW	10.92 kW	11.51 kW	13.05 kW	15.75 kW
Power Input (Nominal)	Heating 2)	9.72 kW	10.75 kW	11.62 kW	13.10 kW	15.86 kW
	Cooling 1)	16.90 A	17.50 A	18.50 A	20.90 A	25.30 A
Current Input (Nominal)	Heating 2)	15.60 A	17.20 A	18.60 A	21.00 A	25.40 A
_	MCA [A]	31.30 (MCA) A	40.00 (MCA) A	48.90 (MCA) A	52.50 (MCA) A	55.60 (MCA) A
Power	MFA [A]	40.00 A	40.00 A	50.00 A	75.00 A	75.00 A
	EER (Nominal Cooling)	3.79	4.12	4.38	4.29	3.91
Energy Efficiency	COP (Nominal Heating)	4.63	4.69	4.88	4.81	4.37
	Туре	SSC Scroll x 1	SSC Scroll x 2			
	Output (kW)	(6.39) kW	(4.39x2) kW	(6.39x2) kW	(6.39x2) kW	(6.39x2) kW
Compressor	Model	DS-GB066FAVB x 1	DS-GA046FAVA x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2
	Oil (Type)	PVE	PVE	PVE	PVE	PVE
	Oil (Initial Charge) [cc]	1100 cc	900 cc	1100 cc	1100 cc	1100 cc
	Туре	Propeller	Propeller	Propeller	Propeller	Propeller
	Motor (Output) [W]	620.0 x 2 W				
	Air Flow Rate (High / Mid / Low) [CMM]	255 CMM	255 CMM	290 CMM	290 CMM	290 CMM
Fan	Air Flow Rate (High/Mid/Low) [L/S]	4.500.00	4.500.00	5,000.00	5,000.00	5,000.00
	External Static Pressure (Min / Std / Max) [mmAq]	8.00 mmAg	8.00 mmAg	8.00 mmAq	8.00 mmAg	8.00 mmAg
	External Static Pressure (Min / Std / Max) [Pa]	78.45 Pa				
	Liquid Pipe (Φ, mm)	12.70 mm	12.70 mm	15.88 mm	15.88 mm	15.88 mm
	Liquid Pipe (Φ, inch)	1/2"	1/2"	5/8"	5/8"	5/8"
	Gas Pipe (Φ, mm)	28.58 mm				
Piping Connections	Gas Pipe (Φ, Initi) Gas Pipe (Φ, inch)	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
	Installation Max. Length [m]	220 m				
	Installation Max. Height [m]	110.0 m				
	Power Source Wire	1 10.0 m	110.0111	110.011	110.0 m	110.0111
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5
		0.73 1.3 R410A				
Refrigerant	Туре	(Fluorinated greenhouse gas)				
	Factory Charging (kg)	7.70 kg	7.70 kg	8.40 kg	8.40 kg	8.40 kg
Sound	Sound Pressure	61.0 dBA	62.0 dBA	63.0 dBA	64.0 dBA	65 dBA
	Sound Power	81.0 dBA	82 dBA	85 dBA	86 dBA	88 dBA
	Net Weight (kg)	235 kg	266 kg	300.0 kg	300.0 kg	300.0 kg
External Dimension	Shipping Weight (kg)	254 kg	285 kg	319.0 kg	319.0 kg	319.0 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1,295 x 1,695 x 765 mm				
	Shipping Dimensions (WxHxD) (mm)	1,363 x 1,887 x 832 mm				
Operating Temp. Range	Cooling (°C)	-5.0 ~ 48.0 °C	-5.0~ 48.0 °C	-5.0 ~ 48.0 °C	-5.0 ~ 48.0 °C	-5.0 ~ 48.0 °C
operating remp. Range	Heating (°C)	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C	-25.0~ 24.0 °C	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C

DIMENSIONAL DRAWINGS AM140/160/180/200/220JXVHGH/EU





DVM S Outdoor High EER (Heat Recovery)

SPECIFICATIONS
AM080/100/120JXVHGR/EU



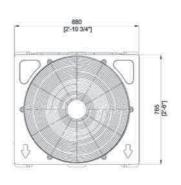
Model Code				AM120JXVHGR/EU	
Features	Туре	DVM S (NEW)	DVM S (NEW)	DVM S (NEW)	
Model Name	Outdoor Unit	AM080JXVHGR/EU	AM100JXVHGR/EU	AM120JXVHGR/EU	
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	
System Mode		HEAT Recovery	HEAT Recovery	HEAT Recovery	
Performance (nominal)		8.00 HP	10.00 HP	12.00 HP	
	Cooling [kW]	22.40 kW	28.00 kW	33.60 kW	
0	Cooling [Btu/h]	76,400 Btu/h	95,500 Btu/h	114,600 Btu/h	
Capacity	Heating [kW]	25.20 kW	31.50 kW	37.80 kW	
	Heating [Btu/h]	86,000 Btu/h	107,500 Btu/h	129,000 Btu/h	
Power Input (Nominal)	Cooling 1)	4.59 kW	6.22 kW	7.57 kW	
Power input (Nominal)	Heating 2)	4.59 kW	5.89 kW	7.56 kW	
C	Cooling 1)	7.40 A	10.00 A	12.10 A	
Current Input (Nominal)	Heating 2)	7.40 A	9.4 A	12.10 A	
D	MCA [A]	22.50 (MCA) A	29.90 (MCA) A	31.30 (MCA) A	
Power	MFA [A]	30.00 A	40.00 A	40.00 A	
F	EER (Nominal Cooling)	4.88	4.5	4.44	
Energy Efficiency	COP (Nominal Heating)	5.49	5.35	5	
	Туре	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	
	Output (kW)	(5.18) kW	(6.39) kW	(6.39) kW	
Compressor	Model	DS-GB052FAVB x 1	DS-GB066FAVB x 1	DS-GB066FAVB x 1	
	Oil (Type)	PVE	PVE	PVE	
	Oil (Initial Charge) [cc]	1100 cc	1100 cc	1100 cc	
	Туре	Propeller	Propeller	Propeller	
	Motor (Output) [W]	830.0 x 1 W	830.0 x 1 W	830.0 x 1 W	
Fan	Air Flow Rate (High / Mid / Low) [CMM]	170 CMM	170 CMM	220 CMM	
Fan	Air Flow Rate (High/Mid/Low) [L/S]	2,833.33	2,833.33	3,666.67	
	External Static Pressure (Min / Std / Max) [mmAq]	8.00 mmAq	8.00 mmAq	8.00 mmAq	
	External Static Pressure (Min / Std / Max) [Pa]	78.45 Pa	78.45 Pa	78.45 Pa	
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	12.70 mm	
	Liquid Pipe (Φ, inch)	3/8"	3/8"	1/2"	
Piping Connections	Gas Pipe (Φ, mm)	19.05 mm	22.22 mm	28.58 mm	
Piping Connections	Gas Pipe (Φ, inch)	3/4"	7/8"	1 1/8"	
	Installation Max. Length [m]	220 m	220 m	220 m	
	Installation Max. Height [m]	110.0 m	110.0 m	110.0 m	
Field Wiring	Power Source Wire	-	-	-	
rield willing	Transmission Cable	0.75 ~ 1.5	0.75 ~ 1.5	0.75~1.5	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Kelligeralit	Factory Charging (kg)	6.50 kg	6.50 kg	6.50 kg	
Sound	Sound Pressure	57.0 dBA	58.0 dBA	62.0 dBA	
Jound	Sound Power	77.0 dBA	79.0 dBA	81.0 dBA	
	Net Weight (kg)	206.0 kg	206.0 kg	206.0 kg	
External Dimension	Shipping Weight (kg)	222.0 kg	222.0 kg	222.0 kg	
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	880 x 1,695 x 765 mm	880 x 1,695 x 765 mm	880 x 1,695 x 765 mm	
	Shipping Dimensions (WxHxD) (mm)	948 x 1,887 x 832 mm	948 x 1,887 x 832 mm	948 x 1,887 x 832 mm	
Operating Temp. Range	Cooling (°C)	-15.0~48.0°C	-15.0 ~ 48.0 °C	-15.0~ 48.0 °C	
operating remp. Range	Heating (°C)	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C	-25.0 ~ 24.0 °C	

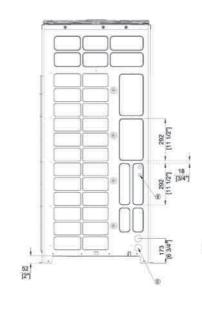
DVM S Outdoor High EER (Heat Recovery)

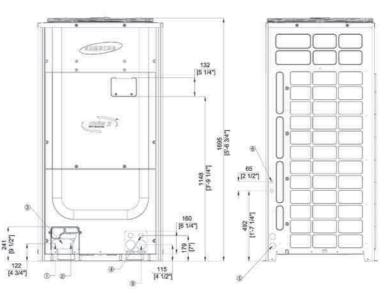
DIMENSIONAL DRAWINGS AM080/100/120JXVHGR/EU

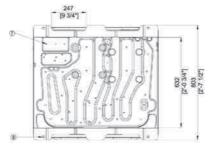












No.	Name
1	Low pressure gas pipe
2	High pressure gas pipe
3	Liquid pipe
4	Communication wiring conduit
5	Power wiring conduit
6	Communication wiring conduit
7	Knock-out hole for ref. piping
8	Anchor bolt hole
9	Power wiring conduit

DVM S Outdoor High EER (Heat Recovery)

SPECIFICATIONS AM140/160/180/200/220JXVHGR/EU

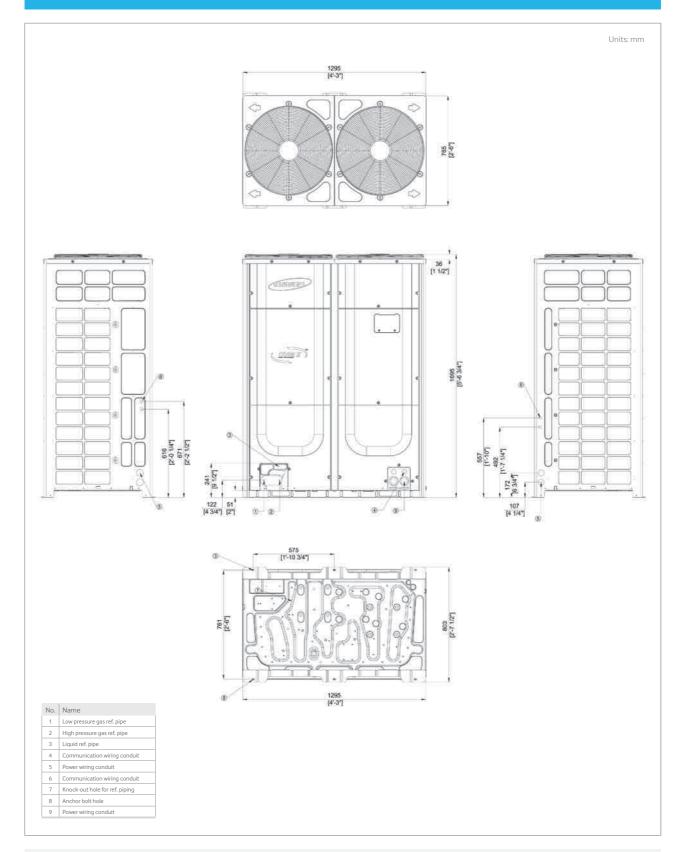


Model Code						AM220JXVHGR/EU
Features	Туре	DVM S (NEW)				
Model Name	Outdoor Unit	AM140JXVHGR/EU	AM160JXVHGR/EU	AM180JXVHGR/EU	AM200JXVHGR/EU	AM220JXVHGR/EU
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	HEAT Recovery				
Performance (nominal)		14.00 HP	16.00 HP	18.00 HP	20.00 HP	22.00 HP
	Cooling [kW]	40.00 kW	45.00 kW	50.40 kW	56.00 kW	61.60 kW
	Cooling [Btu/h]	136,500 Btu/h	153,500 Btu/h	172,000 Btu/h	191,100 Btu/h	210,200 Btu/h
Capacity	Heating [kW]	45.00 kW	50.40 kW	56.70 kW	63.00 kW	69.30 kW
	Heating [Btu/h]	153,500 Btu/h	172,000 Btu/h	193,500 Btu/h	215,000 Btu/h	236,500 Btu/h
5 1 101 10	Cooling 1)	10.55 kW	10.92 kW	11.51 kW	13.05 kW	15.75 kW
Power Input (Nominal)	Heating 2)	9.72 kW	10.75 kW	11.62 kW	13.10 kW	15.86 kW
	Cooling 1)	16.90 A	17.50 A	18.50 A	20.90 A	25.30 A
Current Input (Nominal)	Heating 2)	15.60 A	17.20 A	18.60 A	21.00 A	25.40 A
	MCA [A]	31.30 (MCA) A	40.00 (MCA) A	48.90 (MCA) A	52.50 (MCA) A	55.60 (MCA) A
Power	MFA [A]	40.00 A	40.00 A	50.00 A	75.00 A	75.00 A
	EER (Nominal Cooling)	3.79	4.12	4.38	4.29	3.91
Energy Efficiency	COP (Nominal Heating)	4.63	4.69	4.88	4.81	4.37
	Туре	SSC Scroll x 1	SSC Scroll x 2			
	Output (kW)	(6.39) kW	(4.39x2) kW	(6.39x2) kW	(6.39x2) kW	(6.39x2) kW
Compressor	Model	DS-GB066FAVB x 1	DS-GA046FAVA x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2	DS-GB066FAVB x 2
	Oil (Type)	PVE	PVE	PVE	PVE	PVE
	Oil (Initial Charge) [cc]	1100 cc	900 cc	1100 cc	1100 cc	1100 cc
	Туре	Propeller	Propeller	Propeller	Propeller	Propeller
	Motor (Output) [W]	620.0 x 2 W				
	Air Flow Rate (High / Mid / Low) [CMM]	255 CMM	255 CMM	290 CMM	290 CMM	290 CMM
Fan	Air Flow Rate (High/Mid/Low) [L/S]	4,250.00	4,250.00	4,833.33	5,000.00	4,833.33
	External Static Pressure (Min / Std / Max) [mmAq]	8.00 mmAg				
	External Static Pressure (Min / Std / Max) [Pa]	78.45 Pa				
	Liquid Pipe (Φ, mm)	12.70 mm	12.70 mm	15.88 mm	15.88 mm	15.88 mm
	Liquid Pipe (¢, inch)	1/2"	1/2"	5/8"	5/8"	5/8"
	Gas Pipe (Φ, mm)	28.58 mm				
Piping Connections	Gas Pipe (Φ, inch)	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
	Installation Max. Length [m]	220 m				
	Installation Max. Height [m]	110.0 m				
	Power Source Wire		-	-	-	-
Field Wiring	Transmission Cable	0.75 ~ 1.5	0.75 ~ 1.5	0.75~1.5	0.75~1.5	0.75~1.5
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)				
	Factory Charging (kg)	7.70 kg	7.70 kg	8.40 kg	8.40 kg	8.40 kg
Sound	Sound Pressure	61.0 dBA	62.0 dBA	63.0 dBA	64.0 dBA	65 dBA
Sound	Sound Power	81.0 dBA	82 dBA	85 dBA	86 dBA	88 dBA
	Net Weight (kg)	241 kg	272 kg	306.0 kg	306.0 kg	306.0 kg
External Dimension	Shipping Weight (kg)	260 kg	291 kg	325.0 kg	325.0 kg	325.0 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1,295 x 1,695 x 765 mm				
	Shipping Dimensions (WxHxD) (mm)	1,363 x 1,887 x 832 mm				
O B	Cooling (°C)	-15.0~48.0°C	-15.0 ~ 48.0 °C	-15.0~ 48.0 °C	-15.0 ~ 48.0 °C	-15.0 ~ 48.0 °C
Operating Temp, Range	Heating (°C)	-25.0 ~ 24.0 °C				

DVM S Outdoor High EER (Heat Recovery)

DIMENSIONAL DRAWINGS AM140/160/180/200/220JXVHGR/EU





SPECIFICATIONS
AM080/100/120FXWANR/EU

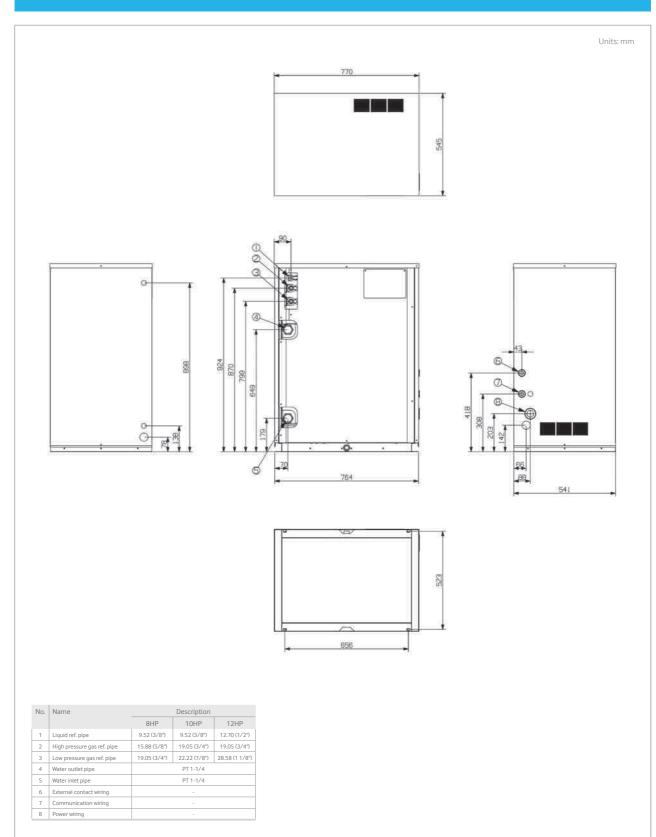




Model Code				AM120FXWANR/EU	
Features	Туре	DVM S Water (New)	DVM S Water and GEO (NEW)	DVM S Water and GEO (NEW)	
Model Name	Outdoor Unit	AM080FXWANR/EU	AM100FXWANR/EU	AM120FXWANR/EU	
Power Supply (Outdoor U	nit) [Φ, #, V, Hz]	3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60	
System Mode		HEAT PUMP and HEAT RECOVERY	HEAT PUMP	HEAT RECOVERY	
Performance (nominal)		8.00 HP	10.00 HP	12.00 HP	
	Cooling [kW]	22.40 kW	28.00 kW	33.60 kW	
Cit.	Cooling [Btu/h]	76,400 Btu/h	95,500 Btu/h	114,600 Btu/h	
Capacity	Heating [kW]	25.20 kW	31.50 kW	37.80 kW	
	Heating [Btu/h]	86,000 Btu/h	107,500 Btu/h	129,000 Btu/h	
D	Cooling 1)	3.84 W	5.05 W	6.46 W	
Power Input (Nominal)	Heating 2)	4.12 W	5.25 W	6.51 W	
	Cooling 1)	6.20 A	8.10 A	10.30 A	
Current Input (Nominal)	Heating 2)	6.60 A	8.40 A	10.40 A	
	MCA [A]	16.30 (MCA) A	20.00 (MCA) A	25.00 (MCA) A	
Power	MFA [A]	20.00 A	20.00 A	30.00 A	
F	EER (Nominal Cooling)	5.83	5.54	5.2	
Energy Efficiency	COP (Nominal Heating)	6.12	6	5.81	
Compressor	Туре	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	
	Output (kW)	(4.96) kW	(5.18) kW	(6.39) kW	
	Model	DS-GB052FAVBSG x 1	DS-GB052FAVB x 1	DS-GB066FAVB x 1	
	Oil (Type)	PVE	PVE	PVE	
	Oil (Initial Charge) [cc]	3900 cc	1100 cc	1100 cc	
	Туре	PHE (Stainless Steel Plate)	PHE (Stainless Steel Plate)	PHE (Stainless Steel Plate)	
	Pipe Size (Φ, inch)	1 1/4""	32.0"	32.0"	
Condenser	Lost Head (kPa)	22	30	43	
	Water Flow Rate (LPM)	80.0 LPM	96.0 LPM	114.0 LPM	
	Max. Pressure (Mpa)	1.96	1.96	1.96	
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm	12.70 mm	
	Liquid Pipe (Φ, inch)	3/8"	3/8"	1/2"	
Di-i Cti	Gas Pipe (Φ, mm)	19.05 mm	22.22 mm	28.58 mm	
Piping Connections	Gas Pipe (Φ, inch)	3/4"	7/8"	1 1/8"	
	Installation Max. Length [m]	170(190) m	170 m	170 m	
	Installation Max. Height [m]	50.0(40.0) m	50.0 m	50.0 m	
Field Wiring	Power Source Wire	2.5	2.5	4	
rieid Willing	Transmission Cable	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Kenigerani	Factory Charging (kg)	5.50 kg	5.80 kg	6.00 kg	
Sound	Sound Pressure	48.0 dBA	48.0 dBA	50.0 dBA	
500	Sound Power	70.0 dBA	70.0 dBA	70.0 dBA	
	Net Weight (kg)	160.0 kg	160.0 kg	160.0 kg	
External Dimension	Shipping Weight (kg)	167.0 kg	167.0 kg	167.0 kg	
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	770 x 1,000 x 545 mm	770 x 1,000 x 545 mm	770 x 1,000 x 545 mm	
	Shipping Dimensions (WxHxD) (mm)	840 x 1,200 x 620 mm	840 x 1,200 x 620 mm	840 x 1,200 x 620 mm	
Operating Temp. Range	Cooling (°C)	10.0 ~ 45.0 °C	10.0 ~ 45.0 °C	10.0 ~ 45.0 °C	
operating remp. Range	Heating (°C)	10.0 ~ 45.0 °C	10.0~45.0°C	10.0~45.0°C	

DIMENSIONAL DRAWINGS AM080/100/120FXWANR/EU





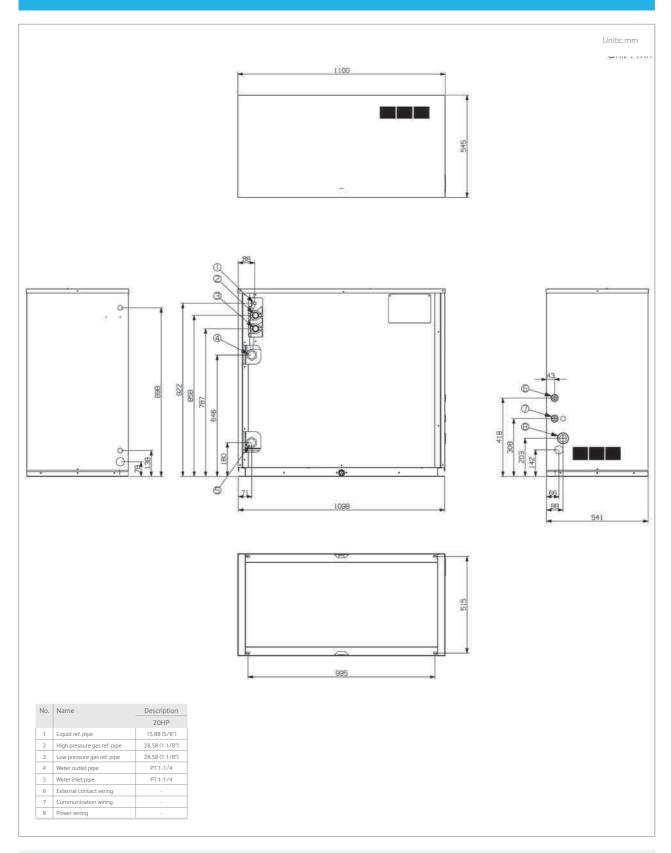
SPECIFICATIONS AM200FXWANR/EU



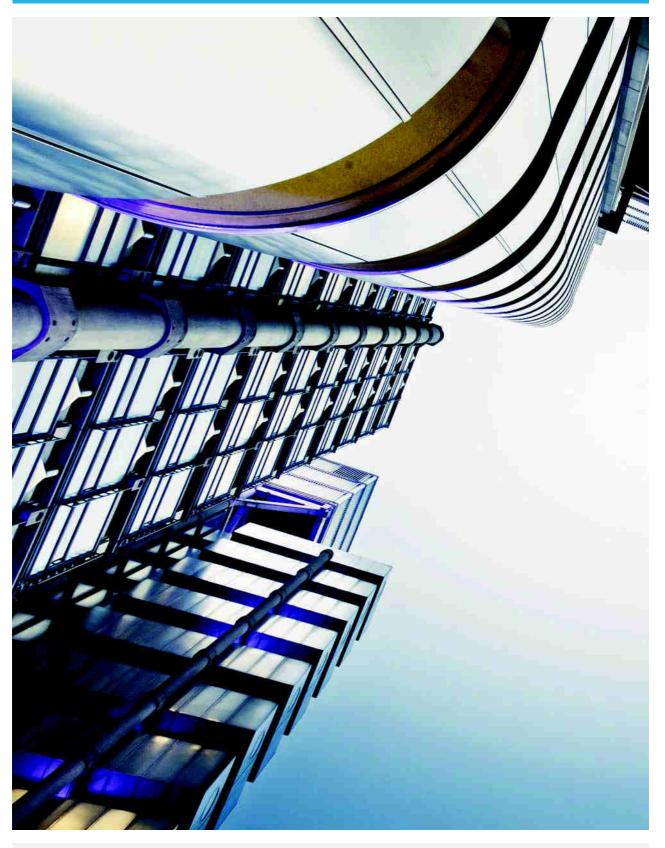
Model Code		AM200FXWANR/EU
Features	Туре	AM200FXWANR/EU
Model Name	Outdoor Unit	AM200FXWANR/EU
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		3,4,380-415,50/60
System	Mode	HEAT PUMP
Performance (nominal)		15.92 HP
	Cooling [kW]	56.00 kW
Capacity	Cooling [Btu/h]	191.100 Btu/h
Japacity	Heating [kW]	63.00 kW
	Heating [Btu/h]	215,000 Btu/h
Power Input (Nominal)	Cooling 1)	10.77 W
Power input (Nominal)	Heating 2)	10.86 W
C	Cooling 1)	17.30 A
Current Input (Nominal)	Heating 2)	17.40 A
Device	MCA [A]	39.80 (MCA) A
Power	MFA [A]	40.00 A
	EER (Nominal Cooling)	5.2
Energy Efficiency	COP (Nominal Heating)	5.8
	Туре	SSC Scroll x 2
	Output (kW)	(5.18x2) kW
Compressor	Model	DS-GB052FAVB x 2
	Oil (Type)	PVE
	Oil (Initial Charge) [cc]	2200 cc
	Туре	PHE (Stainless Steel Plate)
	Pipe Size (Φ, inch)	32.0"
Condenser	Lost Head (kPa)	54
	Water Flow Rate (LPM)	190.0 LPM
	Max. Pressure (Mpa)	1.96
	Liquid Pipe (Φ, mm)	15.88 mm
	Liquid Pipe (Φ, inch)	5/8"
	Gas Pipe (Φ, mm)	28.58 mm
Piping Connections	Gas Pipe (Φ, inch)	11/8"
	Installation Max. Length [m]	170 m
	Installation Max. Height [m]	50.0 m
	Power Source Wire	4
Field Wiring	Transmission Cable	0.75~1.25
	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	9.80 kg
	Sound Pressure	51.0 dBA
Sound	Sound Power	73.0 dBA
	Net Weight (kg)	240.0 kg
External Dimension	Shipping Weight (kg)	250,0 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1,100 x 1,000 x 545 mm
	Shipping Dimensions (WxHxD) (mm)	1.170 x 1.200 x 620 mm
	Cooling (°C)	10.0~45.0°C
Operating Temp. Range	Heating (°C)	10.0~45.0°C
	•	

DIMENSIONAL DRAWINGS AM200FXWANR/EU









Control System

Overview

Samsung Control System offers convenient, centralised control of individual indoor units or entire groups of multiple units. Using a variety of controls, users can centrally manage and control multiple functions for the units.

Integrated Management

Samsung's Integrated Management System provides the easiest way to manage a large number of air conditioning units at once. This integrated system helps users control, monitor, manage and maintain every little detail of their air conditioning needs.

Supporting convenient and optimised management, Samsung's Integrated Management System is an ideal solution for managing large and middle-sized buildings with many indoor and outdoor units.

Building Management

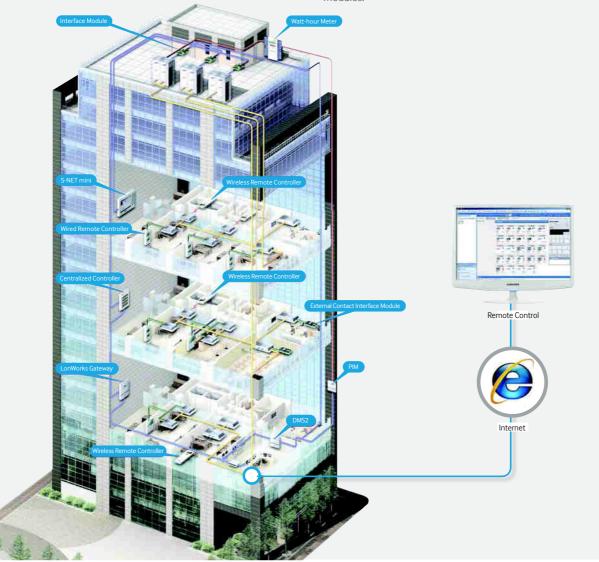
Samsung Building Management System (BMS) makes it possible to control and monitor the air conditioning network using the remote control and monitoring function. Optimum control keeps the air conditioning system efficient, saves energy, reduces maintenance costs and extends the lifespan of the units.

Applications Tailored to Your Needs

Samsung System Air Conditioner products include a full spectrum of offerings so users can find the most convenient, efficient air conditioning system to suit their needs.

System Controller

Samsung's control system offers various control options for indoor units. Users can control multiple units individually or simultaneously in groups to optimise convenience. On/Off controllers or interface modules.



Line-up

Classification	Model Code	Image	Description	Application
	MR-DH00	II. Bv3	Wireless Remote Controller	Heat pump wireless controller for use on all units with infrared receivers
	MWR-WE10N			Full function wired controller for use with all indoor units, ERV and AHU
	MWR-SH10N		Wired Remote Controller	Touch screen, simplified wired controller for use in hotel applications
Individual Control	MWR-SH00N			Simplified wired controller for use in hotel applications
	MRK-A10N		Wireless Signal Receiver	Ducted unit wireless receiver unit
	MIM-H03N		Wi-Fi Controller	Wi-Fi module to control units from afar using mobile device
	MRW-TA		External Remote Temp. Sensor	External room sensor with 12m lead
Centralised Control	MCM-A300N	± 413	Centralised Controller	Touch-screen central controller – full function up to 64 indoor units
	MIM-DOOAN		DMS 2	Programmable Mini BMS – 256 indoor units, full control, inputs/outputs
Building Management	MST-P3P		S-NET 3	PC web server to control and monitor up to 4,096 units via DMS2 modules
balang management	MIM-B18		Lonworks G/W	DMS2 with built-in Lonworks BMS gateway
	MIM-B17		BACnet G/W	DMS2 with built-in BACnet BMS gateway
Power Monitoring	MIM-B16N		Electricity Meter	Power monitoring module for DMS2 – up to 8 Watt/hr meters
Power Monitoring	MCM-C210N		Power Monitoring	To allow individual VRF unit power interruption without error, i.e., hotel bedrooms, apartments
External Contact Interface	MIM-B14		External Contact Interface	On/Off operation control and Run/Fault indication interface
Convertor	MIM-N01 and MIM-N10		NASA Converter	Interface previous generation RS485 communication protocol with current NASA protocol
Converter	MIM-C02N	311111111 3111111111 1111111111	S-Net Converter	Diagnostic software interface

Individual Control

Wireless Remote Controller | MR-DH00

- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- Simple schedule control
- Individual blade control for 4way cassette models
- Multi-channel wireless remote control (maximum 4 channels)

Wired Remote Controller | MWR-WE10N

- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- Individual and group control (maximum 16 indoor units)
- Error display
- Built-in Room Temperature sensor
- Automatic stop mode
- Wireless remote control restriction
- Unified controller (AC, ERV, ERV PLUS, AHU)
- Different permission levels
- Weekly schedule setting (A/C, ERV, A/C+ERV)
- Exception date setting
- Individual blade control for 4way cassette models
- MWR-WW00N (for DVM S Hydro)

$\textbf{Simplified Wired Remote Controller} \mid \text{MWR-SH00N/MWR-SH10N}$

- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- Individual and group control (maximum 16 indoor units)
- Error display
- Mode selection protection
- Touch screen control (MWR-SH10N)

Wi-Fi Control Module | MIM-H03N

- Control via mobile app (available to download)
- On/Off, Operation Mode, Fan Speed, Airflow, Temperature Setting
- 7-Day schedule setting
- Energy monitoring

Wireless Signal Receiver | MRK-A10N

- On/Off control
- Operation indication
- Error indication
- Filter replacement sign
- Use with receiver wire, MRW-10A

External Room Sensor | MRW-TA

- External sensor to sense exact user environment temperature
- Wire length: 12m















Centralised Control

Touch Centralised Controller | MCM-A300N

- 7-inch Colour Capacitive Touch Screen
- Easy and Intuitive UI
- Individual/Zone control, Scheduling, Energy saving control
- Emergency operation control by external contact
- Control up to 128 indoor units
- DS card for programming and data download

Easy and Intuitive UI

- Various icons based on equipment and operation condition
- Smart phone style user-friendly control
- Individual/group management

Control and Monitoring

- Easy to check each device's status using colour and icon
- Large-size icons for ease of use
- High and low temperature limitation settings
- Individual unit restriction settings

Zone Management for multiple units

- Manage up to 12 zones
- Simply control zones with one button
- Set unique zone description icons to easily recognise each zone
- Easily bind multiple indoor units to create a zone

Schedule Control

- Set up to 10 operation schedules
- Apply these schedules to any unit or zone
- Create operation events for each schedule, including: temperature setting, mode and fan speed











Building Management - Server

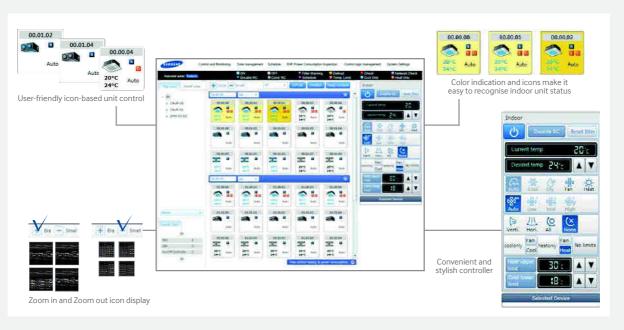
DMS 2 (Data Management Server) | MIM-D00AN

The improved Data Management Server has become smarter: it can manage a variety of different air conditioning units, and the newly upgraded functions can automatically manage the air conditioning system for you.

- Built-in web server for PC-independent management and remote access control
- Multiple upper-level control access (S-NET 3, S-NET Mini, Web-client)
- Central management of up to 256 indoor units including ERV, ERV PLUS and AHU
- User-editable control logic
- Accessible level management
- Dynamic security management
- Operation and error history management
- Weekly/Daily schedule control
- Power distribution function
- Current time management even during power failure (for 24 hours)
- Data storage in non-volatile memory and SD memory
- Emergency stop function with simple contact interface
- 8 External inputs and 6 outputs provide control and monitoring for third-party devices



Enhanced Graphical Display

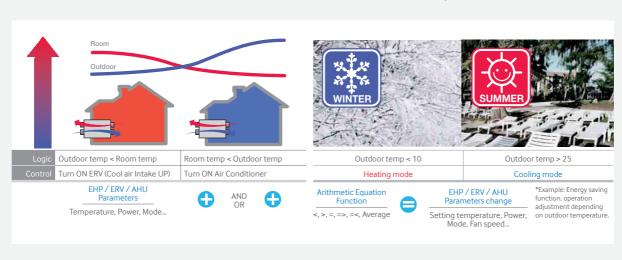


Building Management - Server

DMS 2 Mini-BMS

Programmable Control Logic

- The user can control the air conditioning, ERV, AHI and digital outputs using an arithmetic equation and conditional operators/ parameters from the equipment operating conditions including volt-free inputs from external equipment.
- Control logic can utilise the 8 external inputs and 6 outputs, permitting interaction between air conditioning and third-party devices.
- Using this powerful functionality, energy can be efficiently used and reduced for various operation conditions.



Easy Control and Monitoring

- Control and monitoring of up to 256 indoor units via internet network
- Operation On/Off
- Operation mode, fan speed, temperature setting
- ERV, ERV PLUS, AHU support



Specification		Attribute/Function
Indoor Unit Connection	(Max.)	256 Indoor Units (128 per channel)
Outdoor Unit Connection	(Max.)	80 Outdoor Units
Indoor Unit Control	-	All Indoors, ERV, AHU
Dimensions (WxHxD)	mm	240 x 255 x 65
Power	-	100–240V AC (DC adaptor)
	Lower Level	RS485 (to Outdoor/PIM)
Communication	Upper Level	Ethernet 100 Base-T (web browser)
Direct Interface	-	LCD Display (4 soft keys), LED Indicators
PIM Connection (MIM-B16)	(Max.)	8
Touch Screen Connection (MCM-A300N)	(Max.)	16
Emergency Stop	-	Pulse or Level Input
Inputs	(Max.)	8 Volt-free (Open/Short)
Outputs	(Max.)	6 Contact Signal (12V)
December 1 - sis (dikisa) Declara Isria	-	3 Logic Functions (per input)
Programmable Logic (per condition) – Boolean logic		20 Output Logic Factors

Building Management - Gateways

A DMS2 with built-in BACnet or LonWorks gateways (all the features of a DMS2, plus interface to your chosen BMS).

BACnet Gateway | MIM-B17N (DMS-Bnet)

With the BMS control and monitoring function, BACnet gateway makes it easy to control the air conditioning network in various ways. It can control up to 256 indoor units, used in combination with S-NET 3 and MCM-A300N.

- Interface for BACnet management system
- Maximum 256 indoor units plus ERVs support with a maximum of 80 interface modules
- Includes DMS 2 functions

LonWorks Gateway | MIM-B18N (DMS-Lnet)

LonWorks gateway is an interface for Lon-Connection to LonWorks management system, providing a more convenient way to manage your air conditioning system. It can control a maximum of 128 indoor units, used in combination with S-NET 3 and MCM-A300N.

- Interface for Lon-Connection to LonWorks management system
- Maximum 128 indoor units plus ERVs support with a maximum of 80 interface modules
- Includes DMS 2 functions

Features for BACnet and LonWorks Gateways

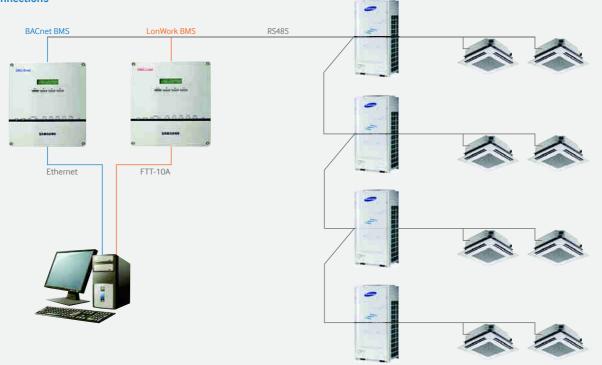
Control

- On/Off control
- Operation mode
- Temperature setting
- Fan speed/direction
- ERV operation mode
- ERV fan speed
- Filter alarm reset • User control restriction
- Operation mode lock
- Set temperature limit
- Emergency stop
- Output contact control

Monitoring

- On/Off control
- Operation mode
- Fan speed/direction
- ERV operation mode
- ERV fan speed
- Filter alarm
- User control restriction
- Thermo On/Off
- Power distribution
- Set/Room temperature Operation mode lock
 - Set temperature limit
 - In/Out contact state
 - Emergency stop
 - Error code

Connections



Web Server – External Contact Interface

Web Server, S-NET 3 | MST-P3P

A PC programme designed to manage an estate of air conditioning systems via DMS2 Data Management Servers.

- Fully integrated PC management software
- Up to 16 DMS 2 connection through the ethernet
- Central management of up to 4,096 indoor units including ERV, ERV PLUS and AHU
- Schedule/Zone control
- Error/Operation history management
- Power distribution management and analysis

External Contact Interface | MIM-B14

- Direct indoor unit control by external contact signal
- Window-synchronised indoor unit control
- Emergency control with simple contact input
- Indoor unit operation/error state output through relay contacts

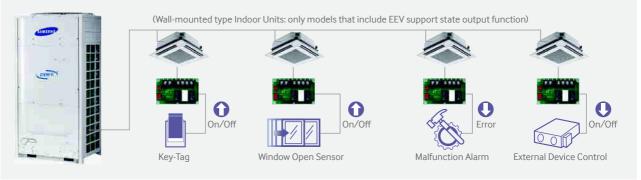
Guestroom Management Module

Guest Room Management system saves you energy and money on cooling an unoccupied room:

The air conditioner is activated when Key-Tag is in place and turns off when Key-Tag is removed.



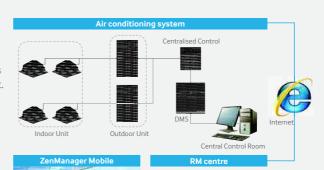
Example



Zen Manager (RMS)

Remotely Monitor oOperations 24/7 for the Ultimate in Convenient Control

Zen Manager enables seamless remote control and 24-hour monitoring via the Internet. It offers users reports and notifications to update users on the operation status of the air conditioning unit.



Group Management

With Zen Manager, users can manage multiple sites from a central location and compare usage of multiple sites.



User-Friendly Widget

A chart and list widget and indoor unit widget simplify management.



Remote Fault Detection

Zen Manager features remote fault detection, check reason function and service notification.



Mobile App

A mobile app enables monitoring and control and fault detection from anywhere.



Data Analysis

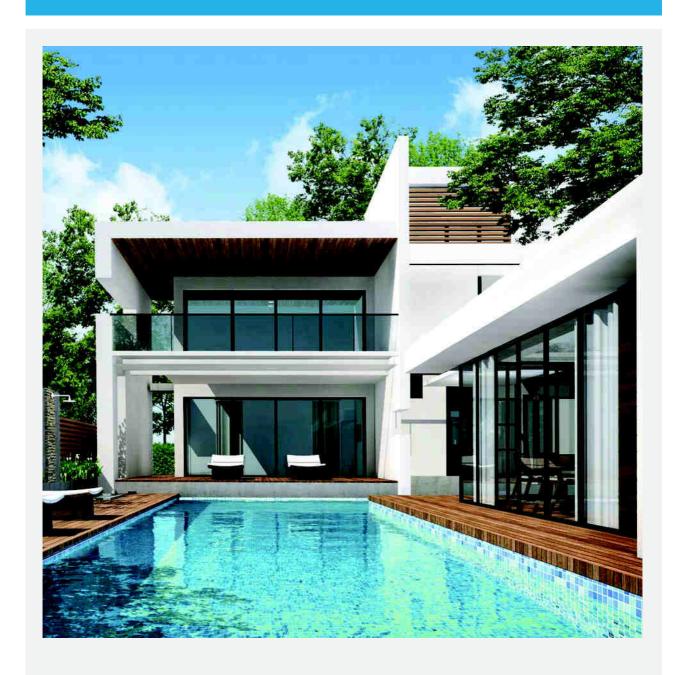
Users can analyse uptime and power usage and back up cycle data.



Reports

Users can track usage trends with weekly and monthly reports.

Eco Heating System (EHS)



Line-up



	Capacity Power	1P 220-240 V 50 Hz	3P 380-415 V 50 Hz	1P 220-240 V 50 Hz	3P 380-415 V 50 Hz	1P 220-240 V 50 Hz
	4.0kW			•		
	5.0kW	•				
	6.0kW			•		•
	7.0kW					•
Outdoor Unit	8.0kW					•
	9.0kW	•	•	•	•	
	11.0kW					•
	12.0kW	•	•	•	•	
	14.0kW	•	•	•	•	•
	16.0kW	•	•	•	•	•
	8.0kW					•
Hydro Unit	9.0kW			•	•	
	16.0kW			•	•	•
Control Kit						

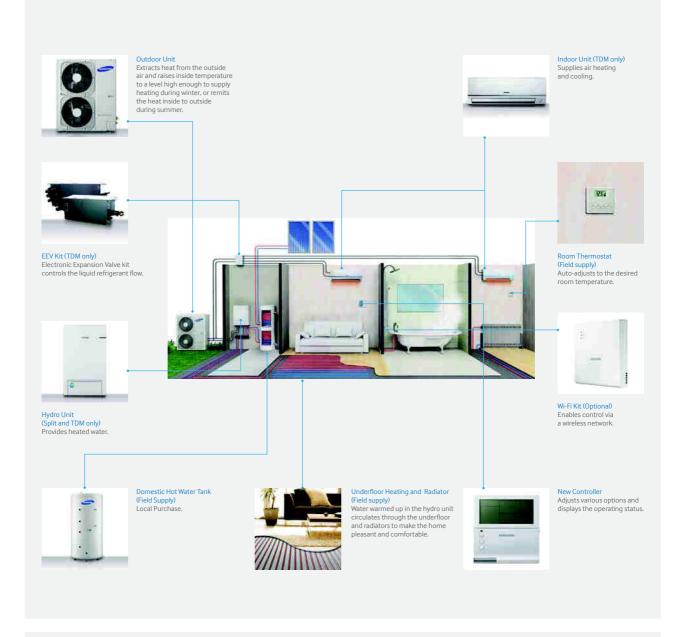
	Model			Neo Forte	Slim Duct
	2.2kW			•	•
	2.8kW			•	•
	3.6kW			•	•
Indoor Unit	4.5kW				•
	5.6kW			•	•
	7.1kW			•	
	10.0kW				
Key Features		 Easy installation Compact and light outdoor unit Base plate heater (9~16kW) 	High reliability Newly designed fan Base plate heater (9~16kW) Flexibility	Integrated heating and at a lower cost Perfect all-in-one syste Quick heating by TDM Typical seasonal usage Flexibility Wall-mounted, Duct ty Diverse installation	em technology

Experience Eco-Smart Temperature Control with Efficiency and Economy in Mind

In the wake of rising greenhouse emissions and oil costs, Samsung offers an energy-smart, all-in-one heating, hot water and air conditioning unit for today's residences.

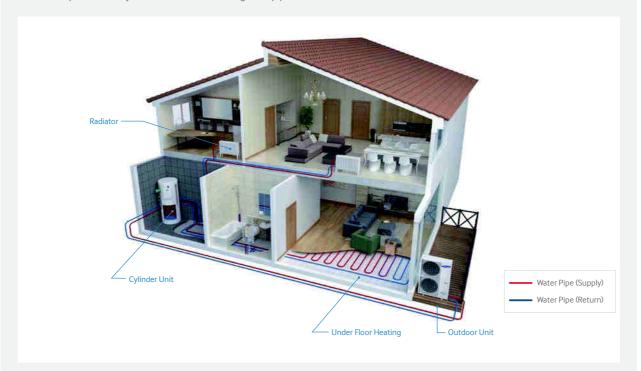
The Samsung Eco Heating System (EHS) uses highly efficient heat pump technology to deliver supreme comfort and low operating costs year-round.

This economical and ecological air conditioning system uses significantly less energy than conventional boiler systems, thereby lowering power costs and ${\rm CO_2}$ emissions. Plus, it provides various combinations of air and water solutions for heating and cooling that satisfy varied users' needs throughout all four seasons.

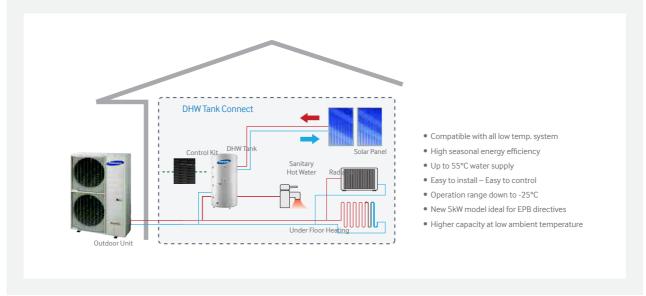


Maintain Optimal Comfort and Convenience with Energyand Cost-Efficient Units

Samsung EHS Mono integrates an outdoor unit that includes the hydronic parts. Therefore, EHS Mono does not require space or an installation process for hydronic units and the refrigerant pipes.



EHS Mono Process Overview (Air-to-Water)



Mono

Enjoy a Pleasant Environment with Streamlined, Energy-Efficient Heating and Cooling

The EHS Mono offers a host of features that deliver energy-smart performance, while supporting simplified usability.

High Performance at Low Temperature

Samsung EHS Mono is made up of an inverter compressor optimally operated according to the outdoor temperature, offering heating capacity of 90% at -10°C and reliable antifreezing protection at -25°C.



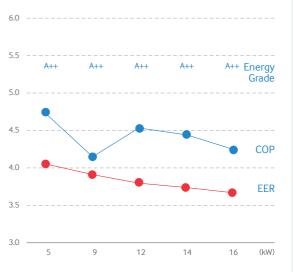
Control Kit

Control Kit is an interface to allow connection to other auxiliary hydronic and heating equipment. Samsung Mono outdoor units can be used with this interface box, creating an ideal solution when a hydronic and heating equipment is required.



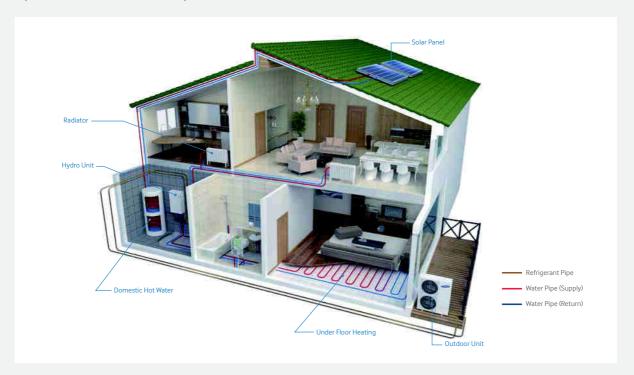
Compact, Lightweight Units for Easy Installation
Samsung EHS Mono features a compact, lightweight outdoor unit.
Its unique frame considerably saves installation labour and costs, satisfying both installers and customers.



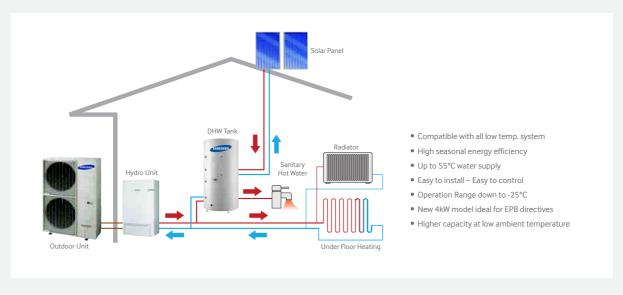


Temper Every Room Perfectly in Any Climate

Samsung EHS Split is the newest system designed to meet the up-to-date heating demands of today's households. Built especially for optimised heating, this air-to-water heating system delivers superior comfort even in extreme temperatures.



EHS Split Process Overview (Air-to-Water)



Split

Enjoy Consistent Comfort even in Frigid Weather Conditions

Samsung EHS Split features enhanced efficiency, flexibility and performance to ensure a comfortable home atmosphere year-round.

Optimised Seasonal Efficiency

EHS Split provides consistently efficient performance all season long. It optimises heating performances at the actual operating temperature, -2°C to 2°C, while providing outstanding SCOP in compliance with eco-design directives.



(Split 4kW)

Flexibility for Increased Control

Samsung EHS Split offers broad compatibility for easier control. The unit can be implemented with a domestic hot water tank, thermostat, pump, solar panel or back-up boiler, making it exceptionally versatile.



Maximum Reliability

Samsung has added subtle improvements that deliver a noticeable difference. EHS Split has been optimised to meet up-to-date heating and cooling demands with features such as low noise fan, anti-snowing and silent mode at night.



Efficiency (EHS Split)



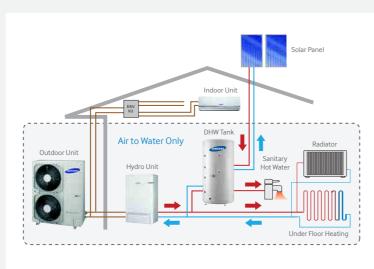
Time Division Multi (TDM)

Stabilise the Atmosphere with All-Season Heating and Cooling

The all-in-one Samsung EHS TDM (Time Division Multi) supports both air-to-air and air-to-water heating and cooling, providing the ultimate indoor climate solution for every season.



EHS TDM Process (Air-to-Air and Air-to-Water)



Air-to-Air + Air-to-Water

- A2W+A2A Space heating and sanitary hot water
- A2W+A2A Space cooling (by reversing heating cycle)
- Consist of outdoor unit, hydro unit, DHW tank (optional) and indoor units (wall-mounted and slim duct type)
- Compatible with two hybrid energy sources (field supply): solar panel / back-up boiler

Air-to-Water Only

- A2W Space heating and sanitary hot water
- A2W Space cooling (by reversing heating cycle)
- Consist of outdoor unit, hydro unit, DHW tank (optional)
- Compatible with two hybrid energy sources (field supply) : solar panel / back-up boiler

Enjoy Smart Temperature Control Throughout the Year

Samsung EHS TDM offers an integrated solution to residents' heating and cooling needs in every season. Its all-in-one design, innovative TDM technology and broad flexibility only enhance its performance, delivering unparalleled comfort for any household.

Low-Cost Integrated Heating and Cooling

With EHS TDM, both water and air are heated by a single outdoor unit.

Air-to-Air

Air-to-air heating and cooling brings comfort to the home while rapidly achieving a stable temperature. EHS TDM can also be used for cooling in the summer and heating in the winter.





Air-to-Water

Air-to-water heating and cooling tempers the atmosphere perfectly and cost effectively. The efficient system uses energy from the outside air to heat the radiator, under-floor and sanitary water supply.

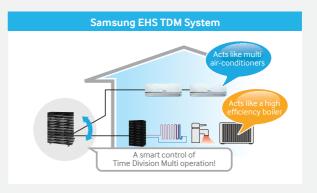


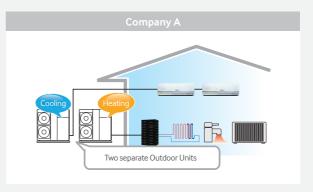




Perfect All-in-One System

EHS TDM requires installation of only one outdoor unit. Smart control of TDM operation between air-to-water and air-to-air enables one outdoor unit to operate for both functionalities, resulting in lower product cost and space saving.





SPECIFICATIONS AE050JXYDEH/EU

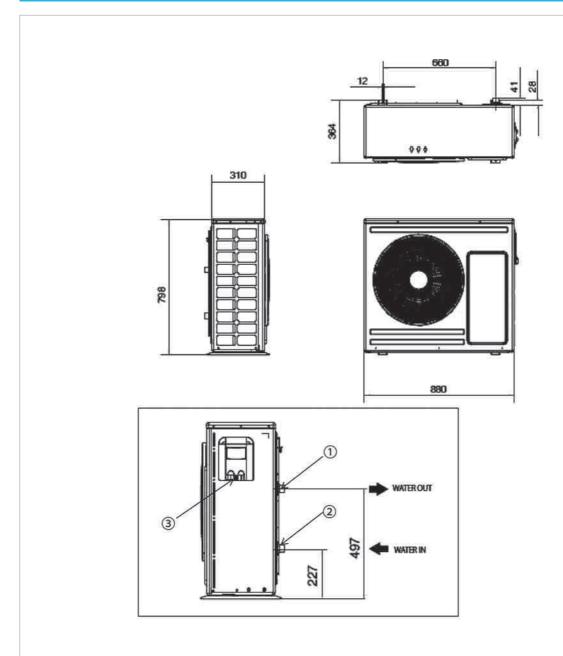


Model Code		AE050JXYDEH/EU
Features	Туре	Mono
Model Name	Outdoor Unit	AE0S0JXYDEH/EU
Power Supply (Outdoor L	Init) [Φ, #, V, Hz]	1.2,220-240.50
System	Mode	HEAT PUMP (A2W)
	Cooling [kW]	5.0kW
0 3	Cooling [Btu/h]	17,100 Btu/h
Capacity	Heating [kW]	5.0kW
	Heating [Btu/h]	17,100 Btu/h
Power Input (Nominal)	Cooling	1.21kW
Power input (Nominal)	Heating	1.06kW
Current Input (Nominal)	Cooling	5.7 A
Current input (Norminal)	Heating	5.1 A
	EER (Nominal Cooling)	4.13
Energy Efficiency	COP (Nominal Heating)	4,72
Ellergy Elliciency	Energy Grade of Space Heater (55 °C / 35 °C)	A++ / A++
	Energy Grade of Package of Space Heater	A++
Compressor	Туре	BLDC Twin Rotary
Fan	Туре	Propeller
D. 61	Туре	R410A (Fluorinated greenhouse gas)
Refrigerant	Factory Charging (kg)	1.15 kg
6 1	Sound Pressure (High / Mid / Low) [dB(A)]	45 dBA
Sound	Sound Power (Cooling) [dB(A)]	61 dBA
External Dimension	Net Weight (kg)	59.0 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	880 x 798 x 310mm
Operating Temp. Range	Cooling (°C)	10~46 ℃
Operating remp. Range	Heating (°C)	-25 ~ 35 °C

DIMENSIONAL DRAWINGS AE050JXYDEH/EU



Units: mm



No.	Name
1	Water pipe (out)
2	Water pipe (in)
3	Power and communication

SPECIFICATIONS AE090JXYDGH/EU

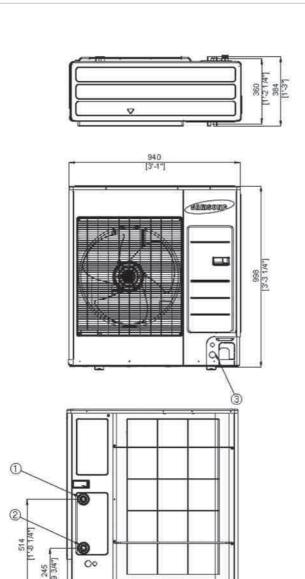


Model Code			AE090JXYDGH/EU
Features	Туре	Mono	Mono
Model Name	Outdoor Unit	AE090JXYDEH	AE090JXYDGH
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,2,220-240,50	3,4,380-415,50
System	Mode	HEAT PUMP (A2W)	HEAT PUMP (A2W)
	Cooling [kW]	7.5kW	7.0kW
	Cooling [Btu/h]	25,600 Btu/h	23,900 Btu/h
Capacity	Heating [kW]	9.0kW	9.0kW
	Heating [Btu/h]	30,700 Btu/h	30,700 Btu/h
	Cooling [W]	1.95kW	1.92kW
Power Input (Nominal)	Heating [W]	2.14kW	2.14kW
Current Input (Nominal)	Cooling	9.0 A	3.2 A
	Heating	9.2 A	3.5 A
Power	MCA [A]	22.0 A	10.0 A
	MFA [A]	27.5 A	16.1 A
	EER (Nominal Cooling)	3.85	3.65
	COP (Nominal Heating)	4.21	4.21
Energy Efficiency	Energy Grade of Space Heater (55 °C / 35 °C)	A++/A++	A++ / A++
	Energy Grade of Package of Space Heater	A++	A++
	Туре	BLDC Twin Rotary	BLDC Twin Rotary
Compressor	Model	UG8TH8265FJW	UG8T300FUCJU
	Oil (Type)	POE	PVE
_	Туре	Propeller	Propeller
Fan	Air Flow Rate (High / Mid / Low) [CMM]	53 CMM	53 CMM
	Pipe Size (Φ, inch)	BSPP male 1"	BSPP male 1"
Condenser	Water Flow Rate (LPM)	26 / 22 (Heating / Cooling) LPM	26 / 21 (Heating / Cooling) LPM
Field Wiring	Transmission Cable	0.75~1.5	0.75~1.5
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
nenigerane	Factory Charging (kg)	1.4 kg	1.5 kg
Sound	Sound Pressure	48 / 48(Heating / Cooling) dBA	48 / 48 (Heating / Cooling) dBA
Sound	Sound Power	63 (Heating) dBA	63 (Heating) dBA
External Dimension	Net Weight (kg)	76 kg	76 kg
	Shipping Weight (kg)	84 kg	84 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 998 x 330mm	940 x 998 x 330mm
	Shipping Dimensions (WxHxD) (mm)	995 x 1,178 x 426mm	995 x 1,178 x 426mm
Oti T D	Cooling (°C)	10~46 °C	10~46 ℃
Operating Temp. Range	Heating (°C)	-25~35°C	-25~35°C

DIMENSIONAL DRAWINGS
AE090JXYDEH/EU, AE090JXYDGH/EU



Units: mm





No.	Name
1	Water pipe (out)
2	Water pipe (in)
3	Power and communication wiring conduits

EHS Split

SPECIFICATIONS AE090JXEDGH/EU

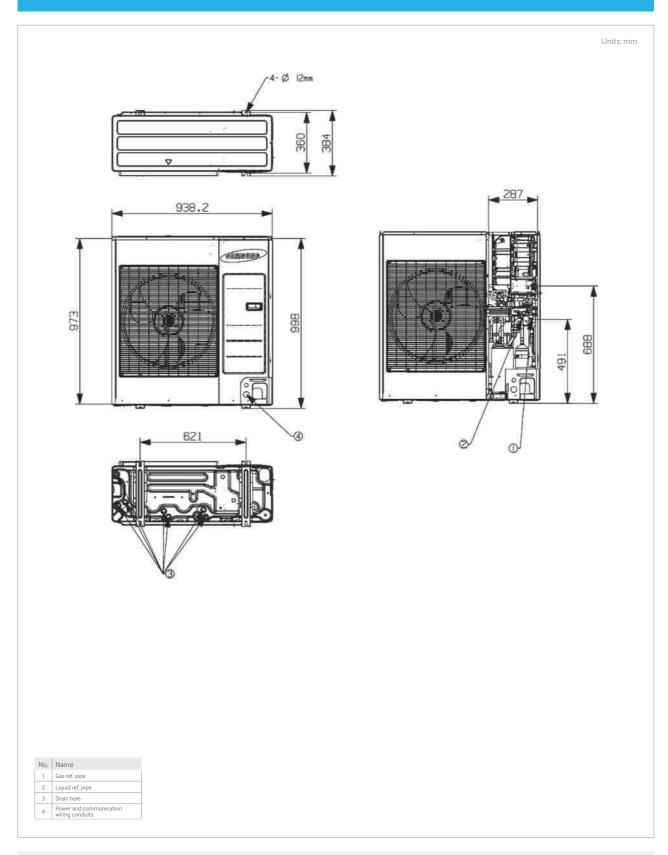


Model Code		AE090JXEDEH/EU		
Features	Туре	EHS Split	EHS Split	
	Indoor Unit	AE090JNYDEH/EU	AE090JNYDGH/EU	
Model Name Outdoor Unit		AE090JXEDEH/EU	AE090JXEDGH/EU	
Power Supply (Indoor Uni	it) [Φ, #, V, Hz]	1,3,220-240,50	3,4,380-415,50	
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	1,3,220-240,50	3,4,380-415,50	
System	Mode	HEAT PUMP (A2W)	HEAT PUMP (A2W)	
	Cooling [kW]	8.0 kW	7.5 kW	
	Cooling [Btu/h]	27,300 Btu/h	25,600 Btu/h	
Capacity	Heating [kW]	9.0 kW	9.0 kW	
	Heating [Btu/h]	30,700 Btu/h	30,700 Btu/h	
	Cooling	2.2 kW	2.06 kW	
Power Input (Nominal)	Heating	2.01 kW	2.01 kW	
	Cooling	10.1 A	3.4 A	
Current Input (Nominal)	Heating	9.2 A	3.3 A	
Power	MCA [A]	22 A	10A	
	MFA [A]	27.5 A	16.1 A	
	EER (Nominal Cooling)	3.64	3.64	
	COP (Nominal Heating)	4.48	4.48	
Energy Efficiency	Energy Grade of Space Heater (55 °C / 35 °C)	A++ / A++	A++ / A++	
	Energy Grade of Package of Space Heater	A++	A++	
	Туре	BLDC Twin Rotary	BLDC Twin Rotary	
Compressor	Oil (Type)	POE	PVE	
Fan	Air Flow Rate (Cooling) [CMM]	53 CMM	53 CMM	
	Liquid Pipe (Φ,mm)	6.35 mm	6.35 mm	
	Liquid Pipe (Φ, inch)	1/4"	1/4"	
	Gas Pipe (Φ,mm)	15.88 mm	15.88 mm	
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"	
	Installation Max. Length [m]	50 m	50 m	
	Installation Max. Height [m]	30 m	30 m	
	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
Refrigerant	Factory Charging (kg)	1.7 kg	1.9 kg	
	Sound Pressure	50 / 49 dBA	50 / 49 dBA	
Sound	Sound Power	63 / 64 dBA	63 / 64 dBA	
	Net Weight (kg)	45 kg	46.5 kg	
	Shipping Weight (kg)	55 kg	56.0 kg	
External Dimension (Indoor Unit)	Net Dimensions (WxHxD) (mm)	510 x 850 x 315 mm	510 x 850 x 315 mm	
	Shipping Dimensions (WxHxD) (mm)	564 x 1,024 x 412 mm	564 x 1,024 x 412 mm	
	Net Weight (kg)	68.0 kg	76.0 kg	
Estant Discouries	Shipping Weight (kg)	78.0 kg	84.5 kg	
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 998 x 330 mm	940 x 998 x 330 mm	
	Shipping Dimensions (WxHxD) (mm)	995 x 1,178 x 426 mm	995 x 1,178 x 426 mm	
	Cooling (°C)	10~46 °C	10~46 °C	
Operating Temp. Range				
	Heating (°C)	-25~35 ℃	-25~35 °C	

EHS Split

DIMENSIONAL DRAWINGS AE090JXYDEH/EU, AE090JXYDGH/EU





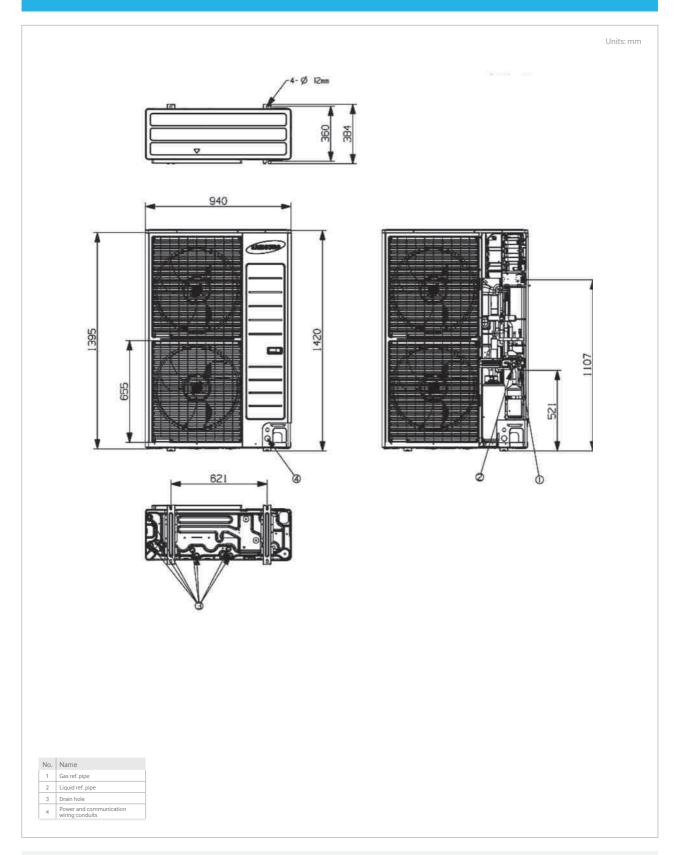
SPECIFICATIONS
AE120/140/160JXEDEH/EU, AE120/140/160JXEDGH/EU



Model Code				AE160JXEDEH/EU			
Features	Туре	EHS Split	EHS Split				
	Indoor Unit	AE160JNYDEH/EU	AE160JNYDEH/EU	AE160JNYDEH/EU	AE160JNYDGH/EU	AE160JNYDGH/EU	AE160JNYDGH/EU
Model Name	Outdoor Unit	AE120JXEDEH/EU	AE140JXEDEH/EU	AE160JXEDEH/EU	AE120JXEDGH/EU	AE140JXEDGH/EU	AE160JXEDGH/EU
Power Supply (Indoor Un	it) [Φ, #, V, Hz]	1,3,220-240,50	1,3,220-240,50	1,3,220-240,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Power Supply (Outdoor U	Init) [Φ, #, V, Hz]	1,3,220-240,50	1,3,220-240,50	1,3,220-240,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
System	Mode	HEAT PUMP (A2W)	HEAT PUMP (A2W)				
	Cooling [kW]	12.0 kW	14.0 kW	15.0 kW	12.0 kW	14.0 kW	15.0 kW
	Cooling [Btu/h]	40,900 Btu/h	47,800 Btu/h	51,200 Btu/h	40,900 Btu/h	47,800 Btu/h	51,200 Btu/h
Capacity	Heating [kW]	12.0 kW	14.0 kW	16.0 kW	12.0 kW	14.0 kW	16.0 kW
	Heating [Btu/h]	40,900 Btu/h	47,800 Btu/h	54,600 Btu/h	40,900 Btu/h	47,800 Btu/h	54,600 Btu/h
	Cooling	3.1 kW	3.8 kW	4.14 kW	3.1 kW	3.8 kW	4.14 kW
Power Input (Nominal)	Heating	2.59 kW	3.15 kW	3.76 kW	2.59 kW	3.15 kW	3.76 kW
	Cooling	14.0 A	17.0 A	18.6 A	4.7 A	5.7 A	6.2 A
Current Input (Nominal)	Heating	11.7 A	14.3 A	16.9 A	4.1 A	4.7 A	5.7 A
_	MCA [A]	28 A	30 A	32 A	10A	11A	12A
Power	MFA [A]	35 A	37.5 A	40 A	16.1 A	16.1 A	16.1 A
	EER (Nominal Cooling)	3.87	3.68	3.62	3.87	3.68	3.62
	COP (Nominal Heating)	4.63	4.44	4.26	4.63	4.44	4.26
Energy Efficiency	Energy Grade of Space Heater (55 °C / 35 °C)	A+ / A++	A+/A++	A+ / A++	A+ / A++	A+ / A++	A+ / A++
	Energy Grade of Package of Space Heater	A+	A+	A+	A+	A+	A+
	Туре	BLDC Twin Rotary	BLDC Twin Rotary				
Compressor	Oil (Type)	PVE	PVE	PVE	PVE	PVE	PVE
Fan	Air Flow Rate (High / Mid / Low) [CMM]	108 CMM	108 CMM				
	Liquid Pipe (Φ, mm)	9.52 mm	9.52 mm				
	Liquid Pipe (Φ, inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe (Φ, mm)	15.88 mm	15.88 mm				
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
	Installation Max. Length [m]	50 m	50 m				
	Installation Max. Height [m]	30 m	30 m				
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas				
	Factory Charging (kg)	2.98 kg	2.98 kg				
Sound	Sound Pressure	50 / 50 dBA	52 / 50 dBA	54 / 52 dBA	50 / 50 dBA	52 / 50 dBA	54 / 52 dBA
	Sound Power	64 / 64 dBA	66 / 64 dBA	69 / 66 dBA	64 / 64 dBA	66 / 64 dBA	69 / 66 dBA
	Net Weight (kg)	45 kg	45 kg	45.0 kg	46.5 kg	46.5 kg	46.5 kg
External Dimension	Shipping Weight (kg)	55 kg	55 kg	55.0 kg	56.0 kg	56.0 kg	56.0 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	510 x 850 x 315 mm	510 x 850 x 315 mm				
	Shipping Dimensions (WxHxD) (mm)	564 x 1,024 x 412 mm	564 x 1,024 x 412 mm				
	Net Weight (kg)	100.0 kg	100.0 kg	100.0 kg	101.5 kg	101.5 kg	101.5 kg
External Dimension	Shipping Weight (kg)	109.5 kg	109.5 kg	109.5 kg	111.0 kg	111.0 kg	111.0 kg
(Outdoor Unit)	Net Dimensions (WxHxD) (mm)	940 x 1,420 x 330 mm	940 x 1,420 x 330 mm				
	Shipping Dimensions (WxHxD) (mm)	995 x 1,598 x 426 mm	995 x 1,598 x 426 mm				
OtiT B	Cooling (°C)	10~46°C	10~46°C	10~46°C	10~46°C	10~46°C	10~46°C
Operating Temp. Range	Heating (°C)	-25 ~ 35 °C	-25 ~ 35 °C	-25~35 ℃	-25~35 ℃	-25~35°C	-25 ~ 35 °C

DIMENSIONAL DRAWINGS AE120/140/160JXEDEH/EU, AE120/140/160JXEDGH/EU





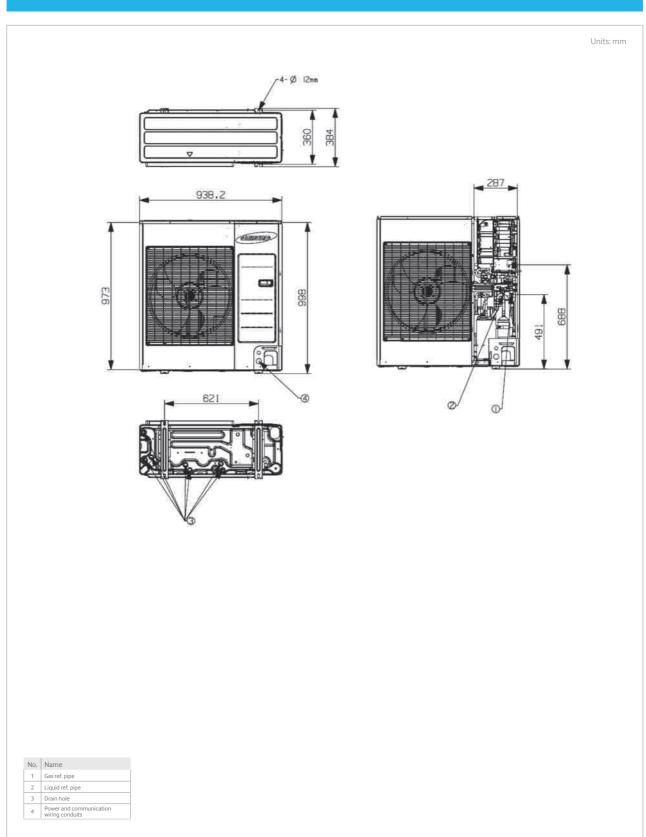
SPECIFICATIONS AE040JXEDEH/EU, AE060JXEDGH/EU



Model Code		AE040JXEDEH/EU		
Features	Туре	EHS Split	EHS Split	
Model Name	Indoor Unit	AE090JNYDEH/EU	AE090JNYDGH/EU	
	Outdoor Unit	AE040JXEDEH/EU	AE090JXEDGH/EU	
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1,3,220-240,50	3,4,380-415,50	
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		1,3,220-240,50	3,4,380-415,50	
System	Mode	HEAT PUMP (A2W)	HEAT PUMP (A2W)	
Capacity	Cooling [kW]	5.0kW	7.5kW	
	Cooling [Btu/h]	17,100 Btu/h	25,600 Btu/h	
	Heating [kW]	4.4kW	9.0kW	
	Heating [Btu/h]	15,000 Btu/h	30,700 Btu/h	
Power Input (Nominal)	Cooling [W]	1.26kW	2.06kW	
	Heating [W]	0.86kW	2.01kW	
Current Input (Nominal)	Cooling	5.7 A	3.4 A	
	Heating	4.1 A	3.3 A	
Power	MCA [A]	20 A	10:00 AM	
	MFA [A]	25 A	16.1 A	
	EER (Nominal Cooling)	3.97	3.64	
	COP (Nominal Heating)	5.1	4.48	
Energy Efficiency	Energy Grade of Space Heater (55 °C / 35 °C)	A++ / A++	A++ / A++	
	Energy Grade of Package of Space Heater	A++	A++	
	Туре	BLDC Twin Rotary	BLDC Twin Rotary	
	Model	UG4TH8200FE4	PVE	
Compressor	Oil (Type)	POE		
	Oil (Initial Charge) [cc]	650 cc		
Fan	Air Flow Rate (Cooling) [CMM]	40 CMM	53 CMM	
	Liquid Pipe (Φ,mm)	6.35mm	6.35mm	
	Liquid Pipe (¢, inch)	1/4"	1/4"	
	Gas Pipe (Φ,mm)	15.88mm	15.88mm	
Piping Connections	Gas Pipe (Φ, inch)	5/8"	5/8"	
	Installation Max. Length [m]	30 m	50 m	
	Installation Max. Height [m]	20 m	30 m	
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	
	Factory Charging (kg)	1.4 kg	1.9 kg	
Sound	Sound Pressure	46 / 46 dBA	50 / 49 dBA	
	Sound Power	63 / 61 dBA	63 / 64 dBA	
External Dimension (Indoor Unit)	Net Weight (kg)	45 kg	46.5 kg	
	Shipping Weight (kg)	55 kg	56.0 kg	
	Net Dimensions (WxHxD) (mm)	510 x 850 x 315mm	510 x 850 x 315mm	
	Shipping Dimensions (WxHxD) (mm)	564 x 1,024 x 412mm	564 x 1,024 x 412mm	
External Dimension (Outdoor Unit)	Net Weight (kg)	48.5 kg	76.0 kg	
	Shipping Weight (kg)	51.5 kg	84.5 kg	
	Net Dimensions (WxHxD) (mm)	880 x 638 x 310mm	940 x 998 x 330mm	
	Shipping Dimensions (WxHxD) (mm)	1,023 x 725 x 413mm	995 x 1,178 x 426mm	
Operating Temp. Range	Cooling (°C)	10~46°C	10~46 °C	
	Heating (°C)	-25~35 °C	-25~35 °C	

DIMENSIONAL DRAWINGS AE040JXEDEH/EU, AE060JXEDGH/EU





EHS TDM Outdoor

SPECIFICATIONS RD060/070/080PHXEA

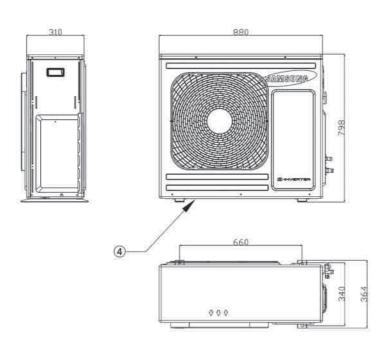


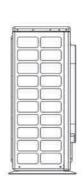
Model Code		RD060PHXEA	RD070PHXEA	RD080PHXEA
Features	Туре	EHS TDM	EHS TDM	EHS TDM
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz
Current Input (Nominal)	Cooling	8.8 A	10.3 A	11.4 A
	Heating	6:00 AM	7.5 A	8.7 A
Energy Efficiency	EER (Nominal Cooling)	3.53	3.36	3.12
	COP (Nominal Heating)	4.4	4.26	4.05
	Energy Grade (Cooling)	A+	A	A
	Energy Grade (Heating)	A	A	A
	Energy Grade of Space Heater (55 °C / 35 °C)	A+/A++	A+ / A++	A+ / A++
	Energy Grade of Package of Space Heater	A+	A+	A+
Capacity	Cooling [kW]	7.02 kW	7.53 kW	8.03 kW
	Heating [kW]	5.99 kW	6.98 kW	7.97 kW
Power Input (Nominal)	Cooling	1.99 kW	2.24 kW	2.57 kW
	Heating	1.36 kW	1.64 kW	1.97 kW
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Sound	Sound Pressure	48 dBA	48 dBA	49 dBA
External Dimension (Indoor Unit)	Net Weight (kg)	71 kg	71 kg	71 kg
	Net Dimensions (WxHxD) (mm)	880 x 798 x3 10 mm	880 x 798 x 310 mm	880 x 798 x 310 mm

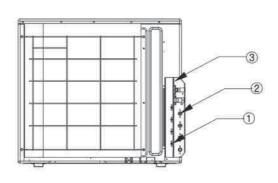
EHS TDM Outdoor

DIMENSIONAL DRAWINGS RD060/070/080PHXEA









No.	Name	Description		
		6.0kW	7.0kW	8.0kW
1	Gas pipe connection	Ø15.88 Flare		
2	Liquid pipe connection	Ø9.52 Flare		
3	Power and communication wiring conduit		-	
4	Drain pipe		-	

EHS TDM Outdoor

SPECIFICATIONS
RD110/140PHXEA, RD160PHXEB

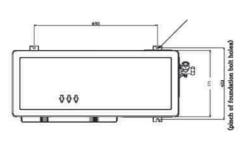


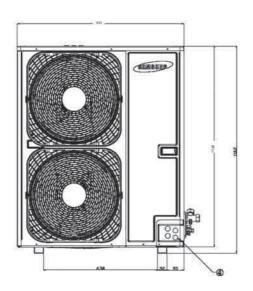
Model Code		RD110PHXEA	RD140PHXEA	RD160PHXEB
Features	Туре	EHS TDM	EHS TDM	EHS TDM
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz
	Cooling	12.6 A	17.4 A	20.5 A
Current Input (Nominal)	Heating	10.6 A	14.5 A	17.4 A
	EER (Nominal Cooling)	3.97	3.65	3.37
	COP (Nominal Heating)	4.61	4.26	4.05
FF#-:	Energy Grade (Cooling)	A++	-	-
Energy Efficiency	Energy Grade (Heating)	A+	-	-
	Energy Grade of Space Heater (55 °C / 35 °C)	A+ / A++	A+ / A++	A+ / A++
	Energy Grade of Package of Space Heater	A+	A+	A+
Cit	Cooling [kW]	11.3 kW	14.3 kW	15.6 kW
Capacity	Heating [kW]	11 kW	13.9 kW	15.9 kW
Power Input (Nominal)	Cooling	2.85 kW	3.92 kW	4.63 kW
Power input (Nominal)	Heating	2.39 kW	3.26 kW	3.93 kW
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
Sound	Sound Pressure	49 dBA	51 dBA	53 dBA
External Dimension	Net Weight (kg)	108 kg	108 kg	108 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	932 x 1,128 x 375 mm	932 x 1,128 x 375 mm	932 x 1,128 x 375 mm

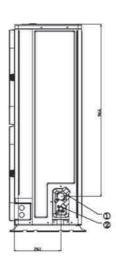
EHS TDM Outdoor

DIMENSIONAL DRAWINGS RD110/140PHXEA, RD160PHXEB









EHS TDM Hydro

SPECIFICATIONS
NH080/160PHXEA



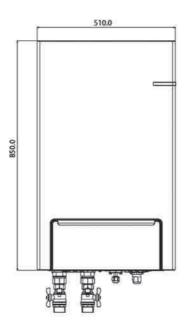
Model Code		NH080PHXEA	NH160PHXEA
Features	Туре	Hydro Unit	Hydro Unit
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 230 V / 50 Hz	1 / 230 V / 50 Hz
Capacity	Cooling [kW]	6/7/8kW	11 / 14 / 16 kW
External Dimension	Net Weight (kg)	50 kg	47 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	850 x 510 x 315 mm	850 x 510 x 315 mm

EHS TDM Hydro

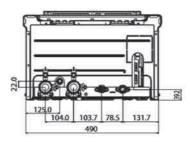
DIMENSIONAL DRAWINGS NH080/160PHXEA











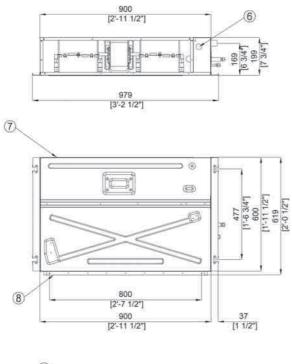
SPECIFICATIONS
NH022/028/036LHXEA

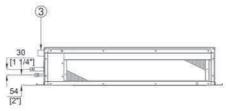


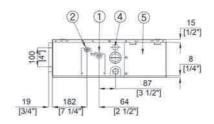
Model Code		NH022LHXEA	NH028LHXEA	NH036LHXEA
Features	Туре	Slim Duct	Slim Duct	Slim Duct
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz
Current Input (Nominal)	Cooling	0.4 A	0.4 A	0.4 A
Capacity	Cooling [kW]	2.2 kW	2.8 kW	3.6 kW
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
External Dimension	Net Weight(kg)	26.0 kg	26.0 kg	26.0 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	900 x 199 x 600 mm	900 x 199 x 600 mm	900 x 199 x 600 mm
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1124 x 315 x 713 mm	1124 x 315 x 713 mm	1124 x 315 x 713 mm

DIMENSIONAL DRAWINGS NH022/028/036LHXEA









No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Drain pipe (without drain pump)
4	Drain pipe (with drain pump)
5	Power and communication wiring conduits
6	Power supply connection
7	Return air side
8	Air outlet duct flange

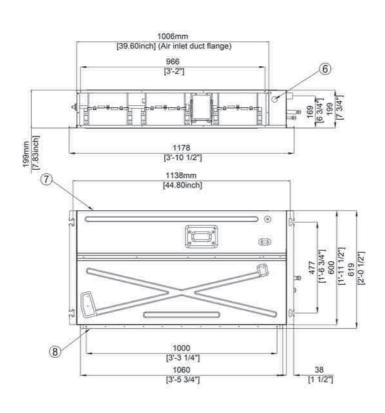
SPECIFICATIONS
NH045/056LHXEA

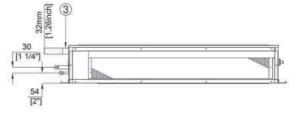


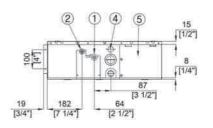
Model Code		NH045LHXEA	NH056LHXEA
Features	Туре	Slim Duct	Slim Duct
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz
Current Input (Nominal)	Cooling	0.6 A	0.6 A
Capacity	Cooling [kW]	4.5 kW	5.6 kW
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
External Dimension	Net Weight(kg)	31.0 kg	31.0 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1,100 x 199 x 600 mm	1,100 x 199 x 600 mm
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1324 x 315 x 713 mm	1324 x 315 x 713 mm

DIMENSIONAL DRAWINGS NH045/056LHXEA









No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Drain pipe (without drain pump)
4	Drain pipe (with drain pump)
5	Power and communication wiring conduits
6	Power supply connection
7	Return air side
8	Air outlet duct flange

SPECIFICATIONS
NH022/028/036NHXEA



Model Code		NH022NHXEA		NH036NHXEA
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz
Current Input (Nominal)	Cooling	0.16A	0.16 A	0.18 A
Capacity	Cooling [kW]	2.2 kW	2.8 kW	3.6 kW
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A(Fluorinated greenhouse gas)	R410A(Fluorinated greenhouse gas)
External Dimension	Net Weight(kg)	7.8 kg	7.8 kg	7.8 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	825 x 285 x 189 mm	825 x 285 x 189 mm	825 x 285 x 189 mm
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	900 x 349 x 252 mm	900 x 349 x 252 mm	900 x 349 x 252 mm

DIMENSIONAL DRAWINGS NH022/028/036NHXEA



Units: mm (5) 825 [2'-8 1/2"] 197 35 [7 3/4"] [1 1/2"] 730 [2'-4 3/4"] 108 [4 1/4"] 221 [8 3/4"] 64 [2 1/2"] 47 [1 3/4*] 61 [2 1/2"] 3 1 No. Name Refrigerant gas pipe
 Refrigerant liquid pipe
 drain 3 Condensate drain Jongensate drain
 Power and communication wiring conduits
 Air inlet grille
 Air outlet louver

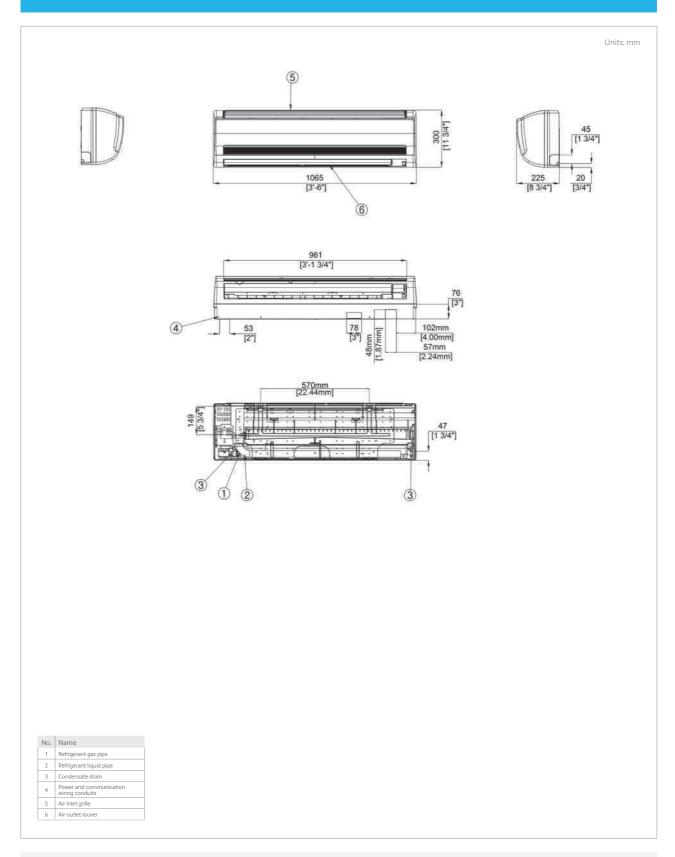
SPECIFICATIONS NH056/071NHXEA



Model Code		NH056NHXEA	NH071NHXEA
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1 / 220 - 240 V / 50 Hz	1 / 220 - 240 V / 50 Hz
Current Input (Nominal)	Cooling	0.27 A	0.3 A
Capacity	Cooling [kW]	5.6 kW	7.1 kW
Refrigerant	Туре	R410A (Fluorinated greenhouse gas)	R410A (Fluorinated greenhouse gas)
External Dimension	Net Weight(kg)	13 kg	13 kg
(Indoor Unit)	Net Dimensions (WxHxD) (mm)	1099 x 315 x 217 mm	1099 x 315 x 217mm
External Dimension (Outdoor Unit)	Net Dimensions (WxHxD) (mm)	1,137 x 377 x 299 mm	1,137 x 377 x 299 mm

DIMENSIONAL DRAWINGS NH056/071NHXFA





Samsung Electronics Co. Ltd.
Head Office (Suwon Korea)
129, Samsung-ro, Yeongdong-gu, Suwon-si, Gyeonggi-do 443-742, Korea

SAMSUNG