



Life's Good

Features _ icon

- Weekly Program
- Turbo Fan
- High Head Drain Pump
- Low Standby Power
- Auto Restart
- Central Controller(Accessory)
- Group Control
- Child Lock Function
- Two Thermistor Control
- Auto Changeover
- Long & High Elevation Piping
- Hot Start
- Zone Control (Optional)
- Wireless Remote Controller
- Jet Cool
- Auto Operation
- 7-Hour OFF Setting Timer
- 24-Hour ON/OFF Setting Timer
- Duct Operation

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For continual product development, LG reserves the right to change design specifications without notice or obligation.

www.lgearcon.com

EU-CA109

Specifications, design and feature in this catalogue are subject to change without prior notice.

LG Commercial Air Conditioners 2010

Enjoy Clean, Quiet, and Comfortable Air Conditioning with LG.



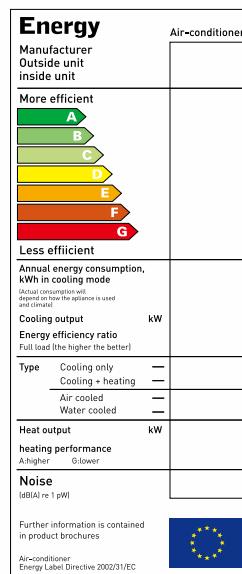
Comfort Everyone in a Greener Way

Pursuing a more comfortable life in today's complicated society has become second nature. However, we cannot afford to compromise the health of the environment for our own personal comfort. In order to achieve a balance between these two needs, LG provides products and solutions for those who seek comfortable lives in a greener way; comfort and eco-friendliness are our key values.

We at LG create optimal living and working conditions by enabling our customers to control their environment; including temperature, humidity and air quality to make them more comfortable. LG products are safe to operate and easy to manage and we provide our business partners with reliable and cost-effective solutions. Customer satisfaction motivates us to work closely and productively with our partners and we also offer a comprehensive after-sales and one-stop service system.

LG is committed to protecting our environment by enhancing the energy efficiency of our products and our business operations by adhering to eco-friendly principles. LG has been significantly investing in R&D and pursuing continuous innovation to enhance product energy efficiency. LG uses eco-friendly refrigerants in its air conditioners, which help save the ozone layer and all LG's products are produced under an 'Eco-Design' system, which ensures environmentally-friendly processes from production to disposal.

LG is fully committed to making the lives of our customers more comfortable in an environmentally sustainable way and we strive to ensure our business partners benefit from partnering with us. Our commitment and innovation enable us to uphold our key values - Green and Comfort. With commitment and innovation, we comfort everyone – our business partners and customers – in a greener way.



Energy Efficiency Class of The Unit In Cooling Mode : Energy Efficiency Class of The Unit In Heating Mode :

A	EER > 3.20	A	COP > 3.60
B	3.20 ≥ EER > 3.00	B	3.60 ≥ COP > 3.40
C	3.00 ≥ EER > 2.80	C	3.40 ≥ COP > 3.20
D	2.80 ≥ EER > 2.60	D	3.20 ≥ COP > 2.80
E	2.60 ≥ EER > 2.40	E	2.80 ≥ COP > 2.60
F	2.40 ≥ EER > 2.20	F	2.60 ≥ COP > 2.40
G	2.20 ≥ EER	G	2.40 ≥ COP

'Eco-Design, Energy Efficient, Reduce CO₂ Emissions'



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Console Type



44

Synchro Operation



50

Floor Standing Type



69

Multi Split

Universal Indoor Type

Type	kW	2.5	3.5	5.0	6.0	7.1	8.0	10.0	12.5	14.0(13.4*)	15.0
Ceiling Cassette Type										*	
Ceiling Concealed Duct Type										*	
Ceiling and Floor Type											
Console Type*					*Only Connectable to DC Inverter						

Universal Outdoor Type

Type	kW	2.5	3.5	5.0	6.0	7.1	8.0	10.0	12.5	14.0(13.4*)	15.0
H-Inverter											
DC Inverter											
3Phase DC Inverter											
Heat Pump											

Set Type

Type	kW	14.0	21.1	32.8
Ceiling Concealed Duct Type				

Set Type

Type	kW	8.0	14.0	21.1
Floor Standing Type				



High Efficiency Inverter

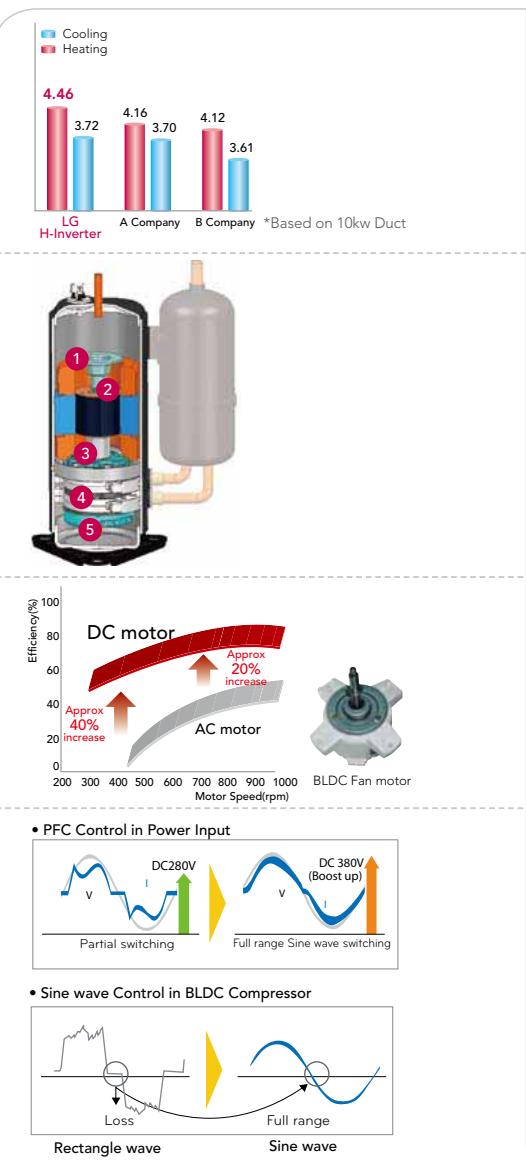


High COP & Energy Saving

World Highest COP

LG H-Inverter has achieved world highest EER & COP with BLDC Compressor & Fan Motor, and DC Inverter technology and Heating COP* of all models are above 4.0

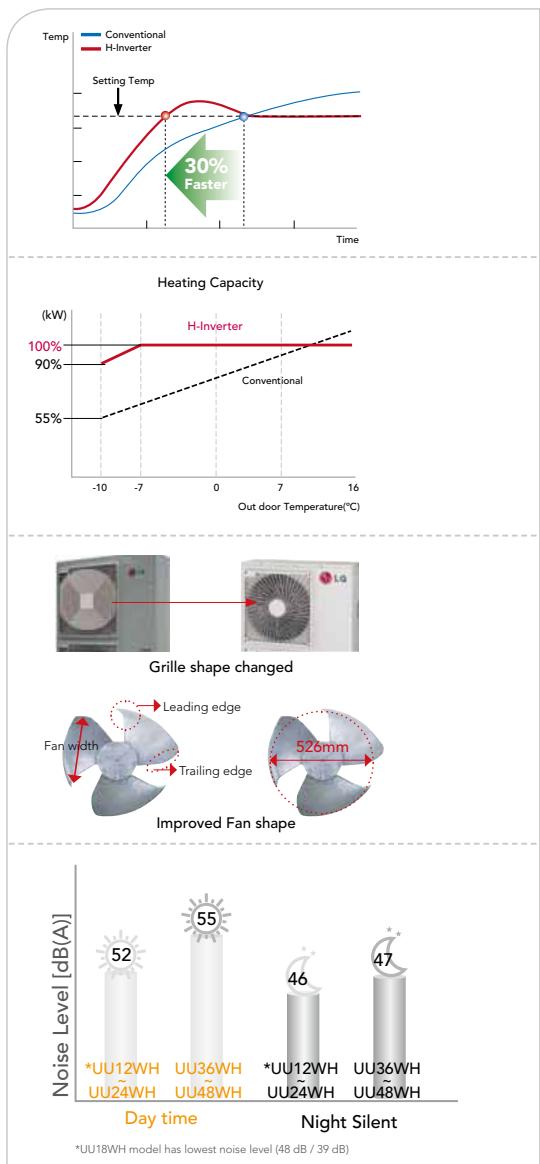
* except 13.4kw CST combination



Comfort Operation

PI Control

H-Inverter can reach setting temperature 30% more faster than conventional model and increase efficiency through PI Control, because PI control adjust operating according to temperature and operating status.



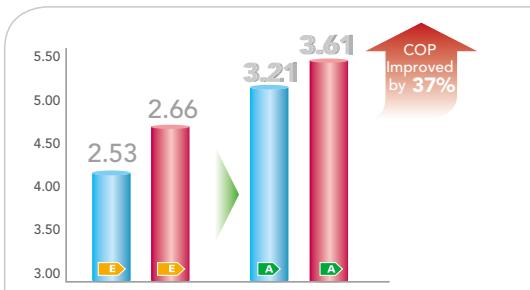
DC Inverter

Inverter Heat Pump

Improved COP and Energy Saving

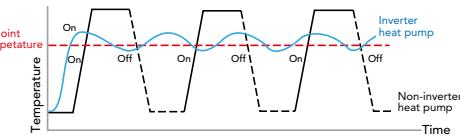
Improved COP / EER

Energy efficiency of DC inverter models is significantly improved compared with Heat pump models.



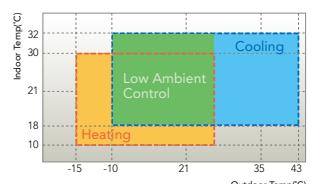
Comfort Operation with DC Inverter Technology

When the air conditioner is initially activated to either heat or cool, the compressor will operate at maximum speed to reach the desired temperature quickly. Once the desired temperature is achieved, unlike conventional air conditioners that turn the compressor on and off, LG inverter units constantly adjust and vary the compressor speed to maintain the desired temperature with minimal fluctuation to ensure that your comfort is not compromised.



Wide Operating Range

When cooling computer rooms and other rooms in the event of low outdoor temperatures, the BLDC inverter compressor and outdoor BLDC fan motor are used to adjust the air flow and volume, with a view to ensuring efficient operation by allowing the air conditioner to keep operating at -10°C without turning it off.

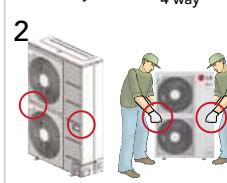
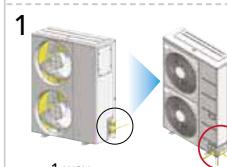


Easy to Service

Easy & efficient installation of outdoor unit will provide the best solution for small offices and shops.

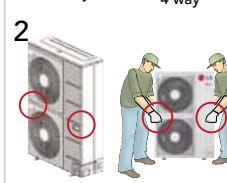
1. Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior



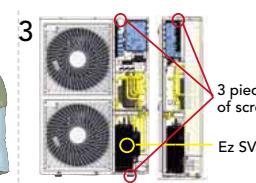
2. Convenient moving handle

- Fitted hand grips for easy transportation and installation



3. Compact Design & Ez SVC

- Remove 3 pieces of screw for SVC
- Front panel removal system



With the advancement of inverter technology comes more silent, economical and powerful air conditioning systems.



Ceiling Cassette

LG "Ceiling Cassette" is an indoor unit which is installed for the significant purpose.

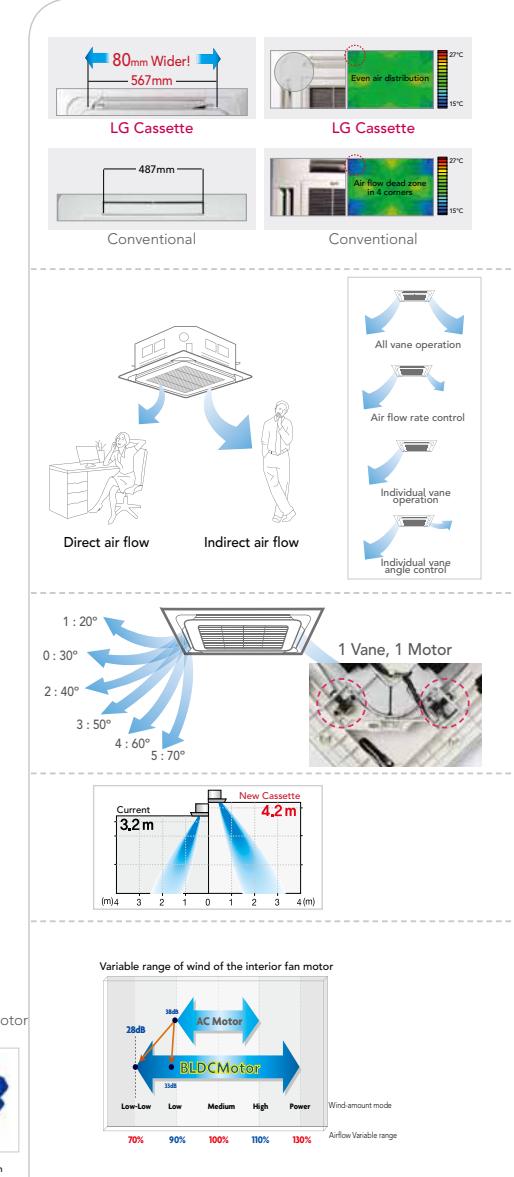
The ceiling cassette is used for the commercial purpose. It can be installed in various places such as restaurants, hotels, offices and meeting rooms. This unit has nice outlook and is equipped with many special features. It has four vanes for the air circulation in all directions which in turn can maintain even and wide cooling and heating.



Comfort Operation

Wide jet Air Flow

Improved wide vanes reduce dead bands and provide better air and temperature distribution.



Independent Vane Operation

Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.

Automatic Vane angle Control

One motor per vane is adopted to control each of four vane independently, freely controlling air current according to situations.

High Ceiling Mode

High ceiling mode with phase-control algorithm is possible to apply as high as 4.2m of ceiling. This setting offers a reduction of drought.

Improved Low Noise

- BLDC motor, Low indoor noise with high efficiency turbo fan
- Outlet & air flow improved design
- Removal of abnormal noise through high efficiency turbo fan
- Resonance noise removal by anti vibration design & BLDC motor
- Base pan redesigned



Ceiling Cassette

Easy Installation

Detachable Corner Panels

The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.



One Touch Panel

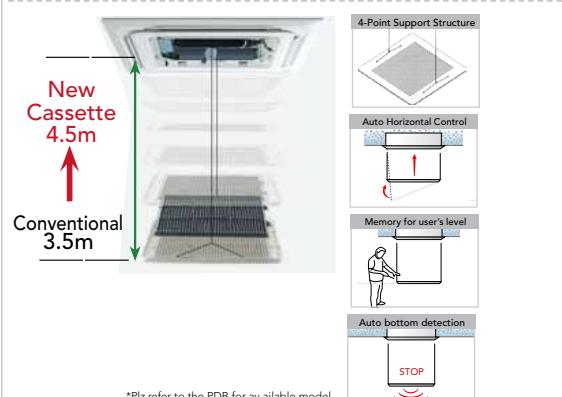
The simple push-up panel design easily connects the panel with the body, enabling the installer to use his two hands freely.



Auto Elevation Grille (Accessory : PTEGM0)

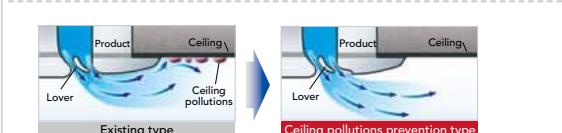
Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max. 4.5m length



Design to Reduce the Ceiling Stains

The new outlet design can reduce ceiling contamination from air current flowing along the ceiling.



High Efficiency Inverter



H-Inverter

•UT12H



Specifications

Indoor Unit

	F/Panel	UT12H NP1 PTUMC
Nominal Capacity (Rated) Cooling	Btu/h kw	4,770~11,900~14,300 1.4~3.5~4.2
Heating	Btu/h	5,460~14,300~17,050 1.6~4.2~5.0
Nominal Input (Rated)	Cooling Heating	0.99 1.04
Running Current	Cooling / Heating	0.6 0.6
Power Supply	ØV/Hz	1/220~240/50
EER	Cooling Heating	3.54 4.04
COP	Cooling Heating	-10~43 -15~24
Operational Temperature Range	Cooling Heating	-13~12/10 45/40/340
Air Flow Rate (H/M/L)	CMM CFM	35/33/31
Sound Level (H/M/L)	dBA(1~3)	1.3
Dehumidification Rate	l/h	
Dimensions (WxHxD)	Body Decorative Panel	840×204×840 (33.1×8.0×33.1) 950×25×950(37.4×1.0×37.4)
Weight	Body Decorative Panel	21(46.3) 5(11.0)
Piping Connections	Liquid Gas	6.35(14) 9.52(36)

Outdoor Unit

Compressor	Type	Twin Rotary
Refrigerant Charge	Charge	1,200(42.3)
	Type	R410A
Fan	Discharge	Side/Top
Noise Level	Sound Press,1m	52 (46") *Night Silent Operation
Dimensions	WxHxD	870×655×320 (34.3×25.8×12.6)
Net Weight	Outdoor	46(101)
Piping connection	Liquid Gas	6.35(14) 9.52(36)
Power Supply Cable(Includes earth)	No./mm ²	3 ² .5
Interunit Cable(Includes earth)	No./mm ²	4 ⁰ .75
Max. Piping Length/Elevation	m	30/20
Power Supply	ø,V, Hz	1,220~240,50
Running Current	Cooling/Heating	4/4.4.6
Air Circulation	CMM(CFM)	50(1766)
Additional Refrigerant Charge (Over 10.0m)	g/m	20

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling Cassette

High Efficiency Inverter



H-Inverter



- UT18H
- UT21H
- UT24H



High Efficiency Inverter



H-Inverter



- UT36H
- UT42H
- UT48H



Specifications

Indoor Unit

	UT18H NP1 PT-UMC	UT21H NN1 PT-UMC	UT24H NN1 PT-UMC	
Nominal Capacity (Rated)				
Cooling	Btu/h kw	6,820-17,060-18,760 2.0-5.0-5.5	9,550-20,470-27,300 2.8-6.0-8.0	9,550-23,900-28,660 2.8-7.0-8.4
Heating	Btu/h	7,510-18,770-20,640	10,920-23,900-30,700	10,920-27,300-32,070
Nominal Input (Rated)				
Cooling	kw	2.2-5.4-6.05	3.2-7.0-9.0	3.2-8.0-9.4
Heating	kw	1.35	1.53	1.92
Running Current				
Cooling / Heating	A	0.6	0.6	0.6
Power Supply	Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER	Cooling kw/kw	3.7	3.92	3.65
COP	Heating kw/kw	4.07	4.22	4.15
Operational Temperature Range	Cooling °C	-10-43	-10-43	-10-43
	Heating °C	-15-24	-15-24	-15-24
Air Flow Rate (H/M/L)	CMM CFM	582/519/459	742/636/565	742/636/565
Sound Level (H/M/L)	dBA(A):3	39/37/34	40/38/36	40/38/36
Dehumidification Rate	l/h	2.1	2.7	2.7
Dimensions (WxHxD)	Body mm(inch)	840×204×840 (33.1×8.0×33.1)	840×246×840 (33.1×9.7×33.1)	840×246×840 (33.1×9.7×33.1)
	Decorative Panel mm	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)
Weight	Body kg(lbs)	21(46.3)	23.5(51.8)	23.5(51.8)
	Decorative Panel kg(lbs)	5(11.0)	5(11.0)	5(11.0)
Piping Connections	Liquid mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)

Outdoor Unit

	UU18WH uE1	UU21WH u41	UU24WH u41
Compressor	Type	Twin Rotary	Twin Rotary
Refrigerant Charge	Type	g(oz) 2,000(70.6)	g(oz) 2,200(77.6)
Fan	Discharge	Side/Top	Side Discharge
Noise Level	Sound Press,1m dB(A):3	48 (39*) *Night Silent Operation	52 (46*) *Night Silent Operation
Dimensions	W*H*D mm(inch)	870×808×320 (34.3×31.8×12.6)	950×834×330 (37.4×31.8×12.6)
Net Weight	Outdoor kg(lbs)	58(128)	62(139)
Piping connection	Liquid mm(inch)	6.35(1/4)	9.52(3/8)
	Gas mm(inch)	12.7(1/2)	15.88(5/8)
Power Supply Cable(Includes earth)	No.x mm ²	3×2.5	3×2.5
Interunit Cable(Includes earth)	No.x mm ²	4×0.75	4×0.75
Max. Piping Length/Elevation	m	50/30	50/30
Power Supply	ø,V, Hz	1,220-240,50	1,220-240,50
Running Current	Cooling/Heating A	6.0/6.7	7.6/7.7
Air Circulation	CMM(CFM)	58(2048)	58(2048)
Additional Refrigerant Charge (Over 10.0m)	g/m	20	40

Note : Due to our policy of innovation some specifications may be changed without notification.

Specifications

Indoor Unit

	UT36H NM1 PT-UMC	UT42H NM1 PT-UMC	UT48H NM1 PT-UMC	
Nominal Capacity (Rated)				
Cooling	Btu/h kw	15,350-34,120-44,360 4.5-10.0-13.0	17,069-42,650-50,840 5.0-12.5-14.9	18,770-45,720-54,590 5.5-13.4-16.0
Heating	Btu/h	16,720-38,220-47,770	18,770-42,770-57,320	21,840-52,890-61,070 6.4-15.5-17.9
Nominal Input (Rated)				
Cooling	kw	4.9-11.2-14.0	2.60	3.66
Heating	kw	2.51	2.51	3.41
Running Current				
Cooling / Heating	A	0.72	0.72	0.72
Power Supply	Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER	Cooling kw/kw	3.85	3.85	3.23
COP	Heating kw/kw	4.46	4.46	3.81
Operational Temperature Range	Cooling °C	-10-43	-10-43	-10-43
	Heating °C	-15-24	-15-24	-15-24
Air Flow Rate (H/M/L)	CMM CFM	32/26/120/2	32/26/120/2	32/27/122/2.8
Sound Level (H/M/L)	dBA(A):3	1130/942/713	1130/943/759	1130/968/805
Dehumidification Rate	l/h	2.7	2.7	3.6
Dimensions (WxHxD)	Body mm(inch)	840×288×840 (33.1×11.3×33.1)	840×288×840 (33.1×11.3×33.1)	840×288×840 (33.1×11.3×33.1)
	Decorative Panel mm	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)
Weight	Body kg(lbs)	28(61.7)	28(61.7)	28(61.7)
	Decorative Panel kg(lbs)	5(11.0)	5(11.0)	5(11.0)
Piping Connections	Liquid mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)

Outdoor Unit

	UU36WH u31	UU42WH u31	UU48WH u31
Compressor	Type	Twin Rotary	Twin Rotary
Refrigerant Charge	Type	g(oz) 3600(127)	g(oz) 3600(127)
Fan	Discharge	Side/Top	Side Discharge
Noise Level	Sound Press,1m dB(A):3	55(47*) *Night Silent Operation	55(47*) *Night Silent Operation
Dimensions	W*H*D mm(inch)	950×1380×330(37.4×54.3×13.0)	950×1380×330(37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs)	103(227)	103(227)
Piping connection	Liquid mm(inch)	9.52(3/8)	9.52(3/8)
	Gas mm(inch)	15.88(5/8)	15.88(5/8)
Power Supply Cable(Includes earth)	No.x mm ²	3×5.0	3×5.0
Interunit Cable(Includes earth)	No.x mm ²	4×0.75	4×0.75
Max. Piping Length/Elevation	m	75/30	75/30
Power Supply	ø,V, Hz	1,220-240,50	1,220-240,50
Running Current	Cooling/Heating A	11.5/11.3	16.8/15.0
Air Circulation	CMM(CFM)	55(1942)×2	55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m	40	40

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling Cassette

Compact size



DC Inverter

- UT09
- UT12
- UT18



Specifications

Indoor Unit

	F/Panel	UT09 NRD PT-UQC	UT12 NRD PT-UQC	UT18 NQD PT-UQC
Nominal Capacity (Rated)	Cooling	Btu/h 3,410~8,530~9,380 kw 1.0~2.5~2.75	Btu/h 4,640~11,600~12,760 kw 1.36~3.4~3.74	Btu/h 6,820~16,060~18,760 kw 2.0~5.0~5.5
Heating		Btu/h 4,090~10,240~11,260	Btu/h 5,460~13,650~15,010	Btu/h 7,510~18,770~20,640
Nominal Input (Rated)	Cooling	kw 1.2~3.0~3.3	kw 1.60~4.0~4.4	kw 2.2~5.5~6.05
Running Current	Cooling / Heating	A 0.3	A 0.3	A 0.3
Power Supply	ØV/Hz	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
EER	Cooling	kw/kw 3.33	kw/kw 3.21	kw/kw 3.21
COP	Heating	kw/kw 3.75	kw/kw 3.64	kw/kw 3.61
Operational Temperature Range	Cooling	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43
	Heating	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24
Air Flow Rate (H/M/L)	CMM	85.7/0.6	95.8/0.7	132/11
CFM	307 / 272 / 237	336 / 283 / 247	459 / 422 / 388	
Sound Level (H/M/L)	dBA(A):3	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36
Dehumidification Rate	l/h	1.4	1.7	2.4
Dimensions (WxHxD)	Body mm(inch)	570×214×570 (22.4×8.4×22.4)	570×214×570 (22.4×8.4×22.4)	570×214×570 (22.4×8.4×22.4)
	Decorative Panel mm	700×30×700 (27.6×1.2×27.6)	700×30×700 (27.6×1.2×27.6)	700×30×700 (27.6×1.2×27.6)
Weight	Body kg(lbs)	14(30.9)	14(30.9)	15(33.1)
	Decorative Panel kg(lbs)	3(6.6)	3(6.6)	3(6.6)
Piping Connections	Liquid mm(inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas mm(inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)

Outdoor Unit

	UU09W ULD	UU12W ULD	UU18W UED
Compressor	Type	Rotary	e- Scroll
Refrigerant Charge	Charge	g(oz) 1000 (35.27)	1000 (35.27)
	Type	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge
Noise Level	Sound Press,1m dB(A):3	48/42	48/42
Dimensions	W*H*D mm(inch)	770×540×245 (30.3×21.3×9.9)	770×540×245 (30.3×21.3×9.9)
Net Weight	Outdoor kg(lbs)	32(71)	32(71)
	Gas kg(lbs)	3.35 (1/4)	9.52 (3/8)
Piping connection	Liquid mm(inch)	6.35 (1/4)	6.35 (1/4)
	Gas mm(inch)	9.52 (3/8)	12.7 (1/2)
Power Supply Cable(Includes earth)	No.*mm ²	3×1.5	3×1.5
Interunit Cable(Includes earth)	No.*mm ²	4×0.75	4×0.75
Max. Piping Length/Elevation	m	15/10	40/30
Power Supply	e.V. Hz	1,220~240,50	1,220~240,50
Running Current	Cooling/Heating A	3.42/3.87	5.0/5.03
Air Circulation	CMM(CFM)	50(1766)	50(1766)
Additional Refrigerant Charge (Over 7.5m)	g/m	20	20

Note : Due to our policy of innovation some specifications may be changed without notification.



DC Inverter

- UT24
- UT30
- UT36
- UT42
- UT48
- UT60



Specifications

Indoor Unit

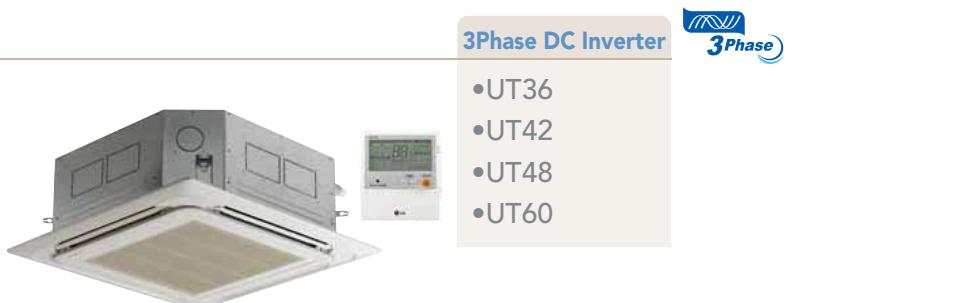
	F/Panel	UT24 NPD PT-UMC	UT30 NPD PT-UMC	UT36 NND PT-UMC	UT42 NMD PT-UMC	UT48 NMD PT-UMC	UT60 NMD PT-UMC
Nominal Capacity (Rated)	Cooling	Btu/h 9,680~24,200~26,620 kw 2.84~7.1~8.1	Btu/h 10,920~27,300~30,030 kw 3.2~8.0~8.8	Btu/h 13,640~34,100~37,550 kw 4.0~10.0~11.0	Btu/h 17,060~42,650~46,915 kw 5.0~12.5~13.8	Btu/h 18,700~46,750~51,425 kw 5.48~13.9~15.7	Btu/h 20,200~50,500~55,550 kw 5.92~14.6~16.3
Heating		Btu/h 10,920~27,300~30,030 kw 3.2~8.0~8.8	Btu/h 12,280~30,700~33,770 kw 3.6~9.0~9.9	Btu/h 15,000~37,500~41,250 kw 4.4~11.0~12.1	Btu/h 19,108~47,770~52,547 kw 5.0~14.0~15.4	Btu/h 21,840~54,600~60,060 kw 6.4~15.5~17.6	Btu/h 23,200~58,000~63,800 kw 6.8~16.9~18.7
Nominal Input (Rated)	Cooling	kw 2.15	kw 2.65	kw 3.12	kw 3.89	kw 4.61	kw 5.40
	Heating	kw 2.34	kw 2.80	kw 3.23	kw 3.87	kw 4.54	kw 5.50
Running Current	Cooling / Heating	A 0.6	A 0.6	A 0.72	A 0.72	A 0.72	A 0.72
Power Supply	ØV/Hz	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
EER	Cooling	kw/kw 3.30	kw/kw 3.02	kw/kw 3.21	kw/kw 3.01	kw/kw 2.70	kw/kw 2.70
COP	Heating	kw/kw 3.42	kw/kw 3.21	kw/kw 3.41	kw/kw 3.41	kw/kw 3.07	kw/kw 3.07
Operational Temperature Range	Cooling	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43
	Heating	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24
Air Flow Rate (H/M/L)	CMM	17/15/13	19 / 17 / 15	24 / 22 / 19	30 / 28 / 26	34 / 32 / 30	34 / 32 / 30
CFM	582/519/459	671 / 600 / 530	847 / 759 / 671	1059 / 989 / 919	1200 / 1130 / 1059	1200 / 1130 / 1059	1200 / 1130 / 1059
Sound Level (H/M/L)	dBA(A):3	39/37/34	43/40/37	43/40/37	46/44/40	49 / 47 / 43	49 / 47 / 43
Dehumidification Rate	l/h	2.1	2.5	2.7	3.6	4.4	5.5
Dimensions (WxHxD)	Body mm(inch)	840×204×840(33.1×8.0×33.1)	840×204×840(33.1×8.0×33.1)	840×204×840(33.1×8.0×33.1)	840×204×840(33.1×8.0×33.1)	840×204×840(33.1×8.0×33.1)	840×204×840(33.1×8.0×33.1)
	Decorative Panel mm	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)
Weight	Body kg(lbs)	2146(3)	2146(3)	23,515(8)	26,57(3)	26,57(3)	26,57(3)
	Decorative Panel kg(lbs)	51(1.0)	51(1.0)	51(1.0)	51(1.0)	51(1.0)	51(1.0)
Piping Connections	Liquid mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)

Outdoor Unit

	UU24W UED	UU30W UED	UU36W UED	UU42W U3D	UU48W U3D	UU60W U3D
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant Charge	Charge	g(oz) 2000(70.6)	2000(70.6)	2500(88.2)	3600(127)	3600(127)
	Type	R410A	R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level	Sound Press,1m dB(A):3	52/46	56/52	55/51	55/51	55/51
Dimensions	W*H*D mm(inch)	870×808×320(3.31×31.8×12.6)	870×808×200(3.31×31.8×12.6)	870×1060×320(3.43×31.7×12.6)	950×1380×330(3.74×54.3×33.0)	950×1380×330(3.74×54.3×33.0)
Net Weight	Outdoor kg(lbs)	60(132)	60(132)	79(165.3)	102(227)	102(227)
	Gas mm(mch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Piping connection	Liquid mm(mch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas mm(mch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Include earth)	No.*mm ²	3×2.5	3×2.5	3×3.5	3×3.5	3×3.5
Interunit Cable(Include earth)	No.*mm ²	4×0.75	4×0.75	4×0.75	4×0.75	4×0.75
Max. Piping Length/Elevation	m	50/30	50/30	75/30	75/30	75/30
Power Supply	e.V. Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Running Current	Cooling/Heating A	10.0/10.7	12.0/13.0	14.0/14.2	17.7/16.7	20.5/20.5
Air Circulation	CMM(CFM)	58(2048)	58(2048)	32(1130)×2	55(1942)×2	55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m	35	35	50	40	40

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling Cassette



3Phase DC Inverter

- UT36
- UT42
- UT48
- UT60



Specifications

Indoor Unit

	UT36 NND PT-UJC	UT42 NMD PT-UJC	UT48 NMD PT-UJC	UT60 NMD PT-UJC
Nominal Capacity (Rated) Cooling	Btu/h 13,440~34,100~37,550 kw 4.0~10.0~11.0	Btu/h 17,060~42,650~46,915 kw 5.0~12.5~13.8	Btu/h 18,700~46,550~51,425 kw 5.48~13.8~15.7	Btu/h 20,200~50,500~55,550 kw 5.92~14.7~16.3
Heating	Btu/h 15,000~37,500~41,250 kw 4.4~11.0~12.1	Btu/h 19,108~47,770~52,547 kw 5.0~14.0~15.4	Btu/h 21,840~54,600~60,060 kw 6.4~15.9~17.6	Btu/h 23,200~58,000~63,800 kw 6.8~17.0~18.7
Nominal Input (Rated)				
Cooling	kw 3.12	kw 3.89	kw 4.58	kw 5.63
Heating	kw 3.23	kw 3.87	kw 4.66	kw 5.64
Running Current	A 0.6	A 0.72	A 0.72	A 0.72
Power Supply	Ø/V/Hz 1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50
EER	Cooling kw/kw 3.21	Cooling kw/kw 3.21	Cooling kw/kw 3.01	Cooling kw/kw 2.61
COP	Heating kw/kw 3.41	Heating kw/kw 3.61	Heating kw/kw 3.41	Heating kw/kw 3.01
Operational Temperature Range	Cooling °C -10 ~ 43	Cooling °C -10 ~ 43	Cooling °C -10 ~ 43	Cooling °C -10 ~ 43
	Heating °C -15 ~ 24	Heating °C -15 ~ 24	Heating °C -15 ~ 24	Heating °C -15 ~ 24
Air Flow Rate (H/M/L)	CMM 24 / 22 / 19	CFM 847 / 759 / 671	CFM 1059 / 989 / 919	CFM 1200 / 1130 / 1059
Sound Level (H/M/L)	dBA(A):3 43/40/37	dBA(A):3 46/44/40	dBA(A):3 49 / 47 / 43	dBA(A):3 49 / 47 / 43
Dehumidification Rate	l/h 2.7	l/h 3.6	l/h 4.4	l/h 5.5
Dimensions (WxHxD)	Body mm(inch) 840×246×840(33.1×11.3×33.1)	Body mm(inch) 840×288×840(33.1×11.3×33.1)	Body mm(inch) 840×288×840(33.1×11.3×33.1)	Body mm(inch) 840×288×840(33.1×11.3×33.1)
	Decorative Panel mm 950×25×950(37.4×1.0×37.4)	Decorative Panel mm 950×25×950(37.4×1.0×37.4)	Decorative Panel mm 950×25×950(37.4×1.0×37.4)	Decorative Panel mm 950×25×950(37.4×1.0×37.4)
Weight	Body kg(lbs) 23.5(51.8)	Body kg(lbs) 26(57.3)	Body kg(lbs) 26(57.3)	Body kg(lbs) 26(57.3)
	Decorative Panel kg(lbs) 5(1.0)	Decorative Panel kg(lbs) 5(1.0)	Decorative Panel kg(lbs) 5(1.0)	Decorative Panel kg(lbs) 5(1.0)
Piping Connections	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)
	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)

Outdoor Unit

	UU37W UED	UU43W U3D	UU49W U3D	UU61W U3D
Compressor	Type Rotary	Type Rotary	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 2500(88)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)
	Type R410A	Type R410A	Type R410A	Type R410A
Fan	Discharge Side/Top	Side Discharge	Side Discharge	Side Discharge
Noise Level	Sound Press,1m dB(A):3 54/50	Sound Press,1m dB(A):3 55/51	Sound Press,1m dB(A):3 55/51	Sound Press,1m dB(A):3 55/51
Dimensions	W*H*D mm(inch) 870×1060×330(34.3×41.7×12.6)	Dimensions W*H*D mm(inch) 950×1380×330(37.4×54.3×13.0)	Dimensions W*H*D mm(inch) 950×1380×330(37.4×54.3×13.0)	Dimensions W*H*D mm(inch) 950×1380×330(37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs) 80(17.6)	Outdoor kg(lbs) 103(22.7)	Outdoor kg(lbs) 103(22.7)	Outdoor kg(lbs) 103(22.7)
Piping connection	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)
	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)
Power Supply Cable(Includes earth)	No.*mm ² 3×2.5	No.*mm ² 3×2.5	No.*mm ² 3×2.5	No.*mm ² 3×2.5
Interunit Cable(Includes earth)	No.*mm ² 4×0.75	No.*mm ² 4×0.75	No.*mm ² 4×0.75	No.*mm ² 4×0.75
Max. Piping Length/Elevation	m 50/30	m 75/30	m 75/30	m 75/30
Power Supply	ø.V Hz 3,380~415, 50	ø.V Hz 3,380~415, 50	ø.V Hz 3,380~415, 50	ø.V Hz 3,380~415, 50
Running Current	Cooling/Heating A 3.7/3.9	Cooling/Heating A 4.0/4.28	Cooling/Heating A 4.9/5.23	Cooling/Heating A 5.9/5.79
Air Circulation	CMM(CFM) 32(1130)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m 45	g/m 40	g/m 40	g/m 40

Note : Due to our policy of innovation some specifications may be changed without notification.



Heat pump

- UT12
- UT18



Specifications

Indoor Unit

	UT12 NRD PT-UQC	UT18 NRD PT-UQC
Nominal Capacity (Rated) Cooling	Btu/h 11,533	Btu/h 17,913
	kw 3.38	kw 5.25
Heating	Btu/h 12,795	Btu/h 19,346
	kw 3.75	kw 5.67
Nominal Input (Rated)		
Cooling	kw 1.29	kw 1.85
Heating	kw 1.32	kw 1.93
Running Current	Cooling/Heating A 0.3	Cooling/Heating A 0.3
Power Supply	Ø/V/Hz 1 / 220~240 / 50	Ø/V/Hz 1 / 220~240 / 50
EER	Cooling kw/kw 2.62	Cooling kw/kw 2.84
COP	Heating kw/kw 2.84	Heating kw/kw 2.94
Operational Temperature Range	Cooling °C -5 ~ 43	Cooling °C -5 ~ 43
	Heating °C -10 ~ 24	Heating °C -10 ~ 24
Air Flow Rate (H/M/L)	CMM 9.5 / 28.3 / 247	CMM 13/12/11
Sound Level (H/M/L)	dBA(A):3 33/38/247	dBA(A):3 41/39/37
Dehumidification Rate	l/h 1.2	l/h 2.17
Dimensions (WxHxD)	Body mm(inch) 570×269×570(22.4×10.5×22.4)	Body mm(inch) 570×269×570(22.4×10.5×22.4)
	Decorative Panel mm 670×30×670(26.4×1.2×26.4)	Decorative Panel mm 670×30×670(26.4×1.2×26.4)
Weight	Body kg(lbs) 19(41.9)	Body kg(lbs) 19(41.9)
	Decorative Panel kg(lbs) 3(6.6)	Decorative Panel kg(lbs) 3(6.6)
Piping Connections	Liquid mm(inch) 6.35(1/4)	Liquid mm(inch) 6.35(1/4)
	Gas mm(inch) 9.52 (3/8)	Gas mm(inch) 9.52 (3/8)

Outdoor Unit

	UU12 ULD	UU18 UED
Compressor	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 1200(42.4)	Charge g(oz) 1300(45.90)
	Type R410A	Type R410A
Fan	Discharge Side/Top	Side Discharge
Noise Level	Sound Press,1m dB(A):3 47	Sound Press,1m dB(A):3 52
Dimensions	W*H*D mm(inch) 770×540×245 (30.3×21.3×9.6)	W*H*D mm(inch) 370×655×203(34.3×25.8×12.6)
Net Weight	Outdoor kg(lbs) 31(68.3)	Outdoor kg(lbs) 52(114.6)
Piping connection	Liquid mm(inch) 6.35 (1/4)	Liquid mm(inch) 6.35 (1/4)
	Gas mm(inch) 9.52 (3/8)	Gas mm(inch) 12.7 (1/2)
Power Supply Cable(Include earth)	No.*mm ² 3×2.5	No.*mm ² 3×2.5
Interunit Cable(Includes earth)	No.*mm ² 4×0.75	No.*mm ² 4×0.75
Max. Piping Length/Elevation	m 15/10	m 50/30
Power Supply	ø.V Hz 1,220~240,50	ø.V Hz 1,220~240,50
Running Current	Cooling/Heating A 5.8/5.95	Cooling/Heating A 8.2/8.6
Air Circulation	CMM(CFM) 26(918)	CMM(CFM) 53(1872)
Additional Refrigerant Charge (Over 7.5m)	g/m 20	g/m 35

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling Cassette



Specifications

Indoor Unit

	UT24 NPD PT-UMC	UT30 NPD PT-UMC	UT36 NND PT-UMC	UT48 NMD PT-UMC	UT60 NMD PT-UMC
Nominal Capacity (Rated)	Cooling Btu/h 23,885 kw 7.0	27,300 8.00	34,100 10.0	46,700 13.70	48,800 14.30
	Heating Btu/h 25,591	30,700	37,500	49,476	58,000
Nominal Input (Rated)	Cooling kw 2.49	3.62	3.80	5.63	5.90
	Heating kw 2.60	3.60	3.40	5.05	5.80
Running Current	Cooling / Heating A 0.6	0.6	0.6	0.72	0.72
Power Supply	ØV/Hz 1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
EER	Cooling kw/kW 2.81	2.21	2.63	2.43	2.42
COP	Heating kw/kW 2.88	2.50	3.24	2.87	2.93
Operational Temperature Range	Cooling °C -5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating °C -10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Air Flow Rate (H/M/L)	CMM 17/15/13	19/17 / 15	24 / 22 / 19	34 / 32 / 30	34 / 32 / 30
	CFM 582/519/459	671 / 600 / 530	847 / 759 / 671	1200 / 1130 / 1059	1200 / 1130 / 1059
Sound Level (H/M/L)	dBA(3) 39/37/34	43/40/37	43/40/37	49 / 47 / 43	49 / 47 / 43
Dehumidification Rate	l/h 2.1	2.5	2.7	4.4	5.5
Dimensions (WxHxD)	Body mm(inch) 840×204×940(33.1×8.0×33.1)	840×204×940(33.1×8.0×33.1)	840×246×940(33.1×9.7×33.1)	840×288×940(33.1×11.3×33.1)	840×288×940(33.1×11.3×33.1)
	Decorative Panel mm 950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)
Weight	Body kg(lbs) 21(46.3)	21(46.3)	23.5(51.8)	26(57.3)	26(57.3)
	Decorative Panel kg(lbs) 5(11.0)	5(11.0)	5(11.0)	5(11.0)	5(11.0)
Piping Connections	Liquid mm(inch) 9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas mm(inch) 15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)

Outdoor Unit

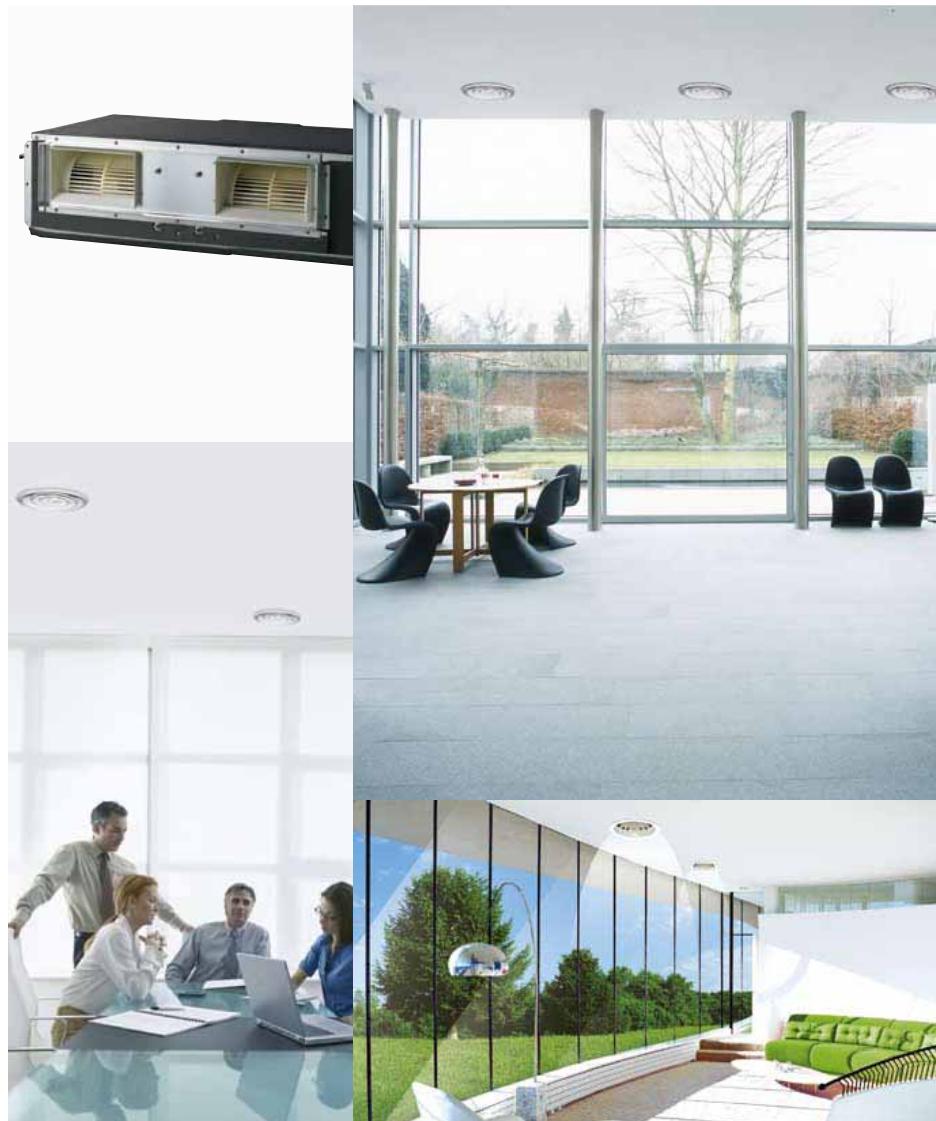
	UU24 UED	UU30 UED	UU37 UED	UU48 USD	UU60 USD
Compressor Type	Rotary	Rotary	Scroll	Scroll	Scroll
	Charge g(oz) 1950(68.9)	1870(66.0)	2450(86.4)	3300(116.4)	3500(123.4)
Fan Type	R410A	R410A	R410A	R410A	R410A
	Discharge Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level	Sound Press,1m dB(A) 3	52	53	52	55
Dimensions W'H'D mm(m)	870×808×320(34.3×31.8×12.6)	870×808×320(34.3×31.8×12.6)	870×1060×320(34.2×41.7×12.6)	950×1380×330(37.4×54.3×13.0)	950×1380×330(37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs) 60(132.2)	64(141)	85(187)	105(231)	105(231)
Piping connection	Liquid mm(inch) 9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas mm(inch) 15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No.*mm ² 3×2.5	3×3.5	4×2.5	4×2.5	4×2.5
Interunit Cable(Includes earth)	No.*mm ² 4×0.75	4×0.75	4×0.75	4×0.75	4×0.75
Max. Piping Length/Elevation	m 40/30	50/30	50/30	50/30	40/30
Power Supply	øV, Hz 1,200~240,50	1,220~240,50	3,380~415,50	3,380~415,50	3,380~415,50
Running Current	Cooling/Heating A 11.4/12.6	17.2/16.3	7.5/7.7	6.5/6.4	6.9/6.7
Air Circulation	CMM(CFM) 53(1872)	53(1872)	32(1130)×2	55(1942)×2	55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m 45	45	45	50	50

Note: Due to our policy of innovation some specifications may be changed without notification.



Ceiling Concealed Duct

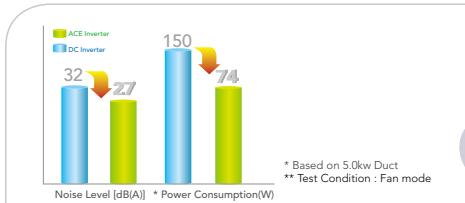
Hidden in the ceiling, this product is suitable for applications that require floor level or individual level air conditioning for buildings where there are many rooms or halls, such as restaurants, concert halls and hotels. Installation is not hindered by the location of lighting fixtures or room structure, and interior renovation is made easy with the installation of various ventilation diffusers.



High Efficiency BLDC Fan

H-Inverter models can reduce operating noise and Save energy consumption with BLDC Fan

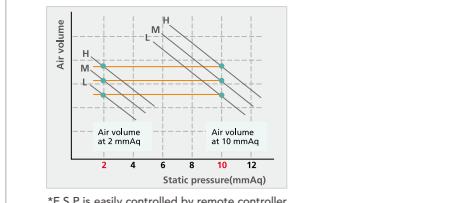
- 50% Reduction of Power consumption
- Low indoor Noise & Low vibration



Linear E.S.P Control

Air volume and sound kept as design regardless of E.S.P change using this technology , you can

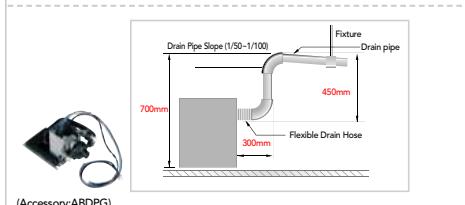
- Optimize duct work Installation
- Keep capacity & sound level as desired
- Simplify model numbers



High Head Drain Pump

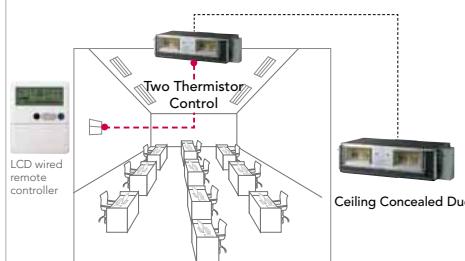
Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.

※ H-Inverter : High Head Drain Pump is Included in Indoor Unit



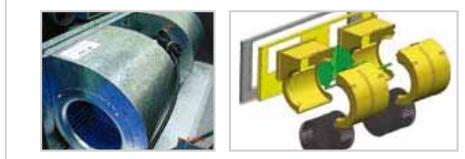
Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



Quiet Operation & Easy Service

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient. The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



Ceiling Concealed Duct

High Efficiency Inverter



H-Inverter

- UB18H
- UB21H
- UB24H



Specifications

Indoor Unit

UB18H NG1		UB21H NG1		UB24H NG1		
Nominal Capacity (Min-Rating-Max)	Cooling Btu/h	8,530 ~ 17,061 ~ 20,473	Btu/h	8,189~20,473~22,520	Btu/h	9,690~24,226~26,649
	kw	2.5 ~ 5	kw	2.4~6.6	kw	2.84~7.81
Heating Btu/h		10,236 ~ 20,473 ~ 24,567		9,554~23,885~26,273		10,919~27,297~30,027
	kw	3 ~ 6 ~ 7.2	kw	2.8~7.7	kw	3.2~8.8
Nominal Input Cooling kw		1.35		1.73		2.09
(Rating) Heating kw		1.49		1.74		1.99
Running Current Cooling / Heating A		0.5 / 0.5		0.9 / 0.9		0.9 / 0.9
Power Supply ØV/Hz		1 / 220 ~ 240 / 50		1 / 220 ~ 240 / 50		1 / 220 ~ 240 / 50
EER Cooling kw/kW		3.70		3.47		3.40
COP Heating kw/kW		4.03		4.02		4.02
Operational Temperature Cooling °C		-10 ~ 43		-10 ~ 43		-10 ~ 43
Range Heating °C		-15 ~ 24		-15 ~ 24		-15 ~ 24
Air Flow Rate (H/M/L) CMM		17/15/13		25/20/14		25/20/14
CFM		600/530/460		883/706/494		883/706/494
Sound Level (H/M/L) dB(A)=3		30/28/27		37/33/29		37/33/29
Dehumidification Rate l/h		1.2		0.37		1.36
Dimensions (WxHxD) Body mm(inch)		1180x298x450(4.5x11.7x17.7)		1180x298x450(4.5x11.7x17.7)		1180x298x450(4.5x11.7x17.7)
Weight Body kg(lbs)		34(75)		35(77)		35(77)
Piping Connections Liquid mm(inch)		6.35 (1/4)		9.52 (3/8)		9.52 (3/8)
Gas mm(inch)		12.7 (1/2)		15.88 (5/8)		15.88 (5/8)
Drain(OD/ID) mm		32/26		32/26		32/26

Outdoor Unit

UU18WH u1		UU21WH u4		UU24WH u4	
Compressor Type	Twin Rotary		Twin Rotary		Twin Rotary
Refrigerant Charge g(oz)	2000(7.6)		2,200(7.6)		2,200(7.6)
Fan Type	R410A		R410A		R410A
Discharge Side/Top	Side Discharge		Side Discharge		Side Discharge
Noise Level(H/L) Sound Press,1m dB(A)=3	48(39)* ~ Night Silent Operation		52(46)* ~ Night Silent Operation		52(46)* ~ Night Silent Operation
Dimensions W*H*D mm(inch)	870x80x320(34.3x31.8x12.6)		950x834x330(37.4x32.8x13.0)		950x834x330(37.4x32.8x13.0)
Net Weight Outdoor kg(lbs)	58(128)		63(139)		63(139)
Piping connection Liquid mm(inch)	9.35 (1/4)		9.52 (3/8)		9.52 (3/8)
Gas mm(inch)	12.7 (1/2)		15.88 (5/8)		15.88 (5/8)
Power Supply Cable(Includes earth) No.*mm ²	3 x 2.5		3 x 2.5		3 x 2.5
Interunit Cable(Includes earth) No.*mm ²	4 x 0.75		4 x 0.75		4 x 0.75
Max. Piping Length/Elevation m	50/30		50/30		50/30
Power Supply ø,V, Hz	1,220~240,50		1,220~240,50		1,220~240,50
Running Current Cooling/Heating A	6.0/6.7		7.6/7.7		9.5/9.0
Air Circulation CMM(CFM)	58(2048)		58(2048)		58(2048)
Additional Refrigerant Charge (Over 7.5m) g/m	20		40		40

Note : Due to our policy of innovation some specifications may be changed without notification.

High Efficiency Inverter



H-Inverter

- UB36H
- UB42H
- UB48H



Specifications

Indoor Unit

UB36H NR1		UB42H NR1		UB48H NR1	
Nominal Capacity (Min-Rating-Max)	Cooling Btu/h	16,380~34,120~46,110		17,060~42,650~51,180	
	kw	4.8~10.0~14.1		5.0~12.5~15.0	
Heating Btu/h		17,740~38,220~49,480		19,110~47,770~60,050	
	kw	5.2~11.2~14.5		5.6~14.0~17.6	
Nominal Input Cooling kw		2.69		3.67	
(Rating) Heating kw		2.51		3.25	
Running Current Cooling / Heating A		1.2/1.2		1.2/1.2	
Power Supply ØV/Hz		1/220~240/50		1/220~240/50	
EER Cooling kw/kW		3.72		3.41	
COP Heating kw/kW		4.46		4.31	
Operational Temperature Cooling °C		-10~43		-10~43	
Range Heating °C		-15~24		-15~24	
Air Flow Rate (H/M/L) CMM		34/27/20		37/31/24	
CFM		1201/954/706		1307/1095/848	
Sound Level (H/M/L) dB(A)=3		38/37/36		39/38/37	
Dehumidification Rate l/h		4.0		5.0	
Dimensions (WxHxD) Body mm(inch)		1230x380x590(48.4x15.0x23.2)		1230x380x590(48.4x15.0x23.2)	
Weight Body kg(lbs)		53(117)		53(117)	
Piping Connections Liquid mm(inch)		9.52(3/8)		9.52(3/8)	
Gas mm(inch)		15.88(5/8)		15.88(5/8)	
Drain(OD/ID) mm		32/26		32/26	

Outdoor Unit

UU36WH u31		UU42WH u31		UU48WH u31	
Compressor Type	Twin Rotary		Twin Rotary		Twin Rotary
Refrigerant Charge g(oz)	3600(127)		3600(127)		3600(127)
Fan Type	R410A		R410A		R410A
Discharge Side/Top	Side Discharge		Side Discharge		Side Discharge
Noise Level(H/L) Sound Press,1m dB(A)=3	55(47)* ~ Night Silent Operation		55(47)* ~ Night Silent Operation		55(47)* ~ Night Silent Operation
Dimensions W*H*D mm(inch)	950x380x330(37.4x54.3x13.0)		950x380x330(37.4x54.3x13.0)		950x380x330(37.4x54.3x13.0)
Net Weight Outdoor kg(lbs)	103(227)		103(227)		103(227)
Piping connection Liquid mm(inch)	9.52(3/8)		9.52(3/8)		9.52(3/8)
Gas mm(inch)	15.88(5/8)		15.88(5/8)		15.88(5/8)
Power Supply Cable(Includes earth) No.*mm ²	3*5.0		3*5.0		3*5.0
Interunit Cable(Includes earth) No.*mm ²	4*0.75		4*0.75		4*0.75
Max. Piping Length/Elevation m	75/30		75/30		75/30
Power Supply ø,V, Hz	1,220~240,50		1,220~240,50		1,220~240,50
Running Current Cooling/Heating A	11.5/11.3		16.8/15.0		18.7/18.0
Air Circulation CMM(CFM)	55(1942)x2		55(1942)x2		55(1942)x2
Additional Refrigerant Charge (Over 10.0m) g/m	40		40		40

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling Concealed Duct



DC Inverter

- UB18 •UB24
- UB30 •UB36
- UB42 •UB48
- UB60



3Phase DC Inverter

- UB36 •UB42
- UB48 •UB60



Specifications

Indoor Unit

	UB18 NHD	UB24 NHD	UB30 NGD	UB36 NGD	UB42 NRD	UB48 NRD	UB60 NRD
Nominal Capacity (Min-Rating-Max)							
Cooling	Btu/h 6,756~16,890~18,562 kw 1.98~4.95~5.44	Btu/h 9,680~24,200~26,620 kw 2.84~7.1~7.81	Btu/h 10,920~27,300~30,030 kw 3.2~8.0~8.8	Btu/h 13,640~34,100~37,500 kw 4.0~9.8~11.0	Btu/h 17,060~42,650~46,910 kw 5.0~12.5~13.8	Btu/h 19,100~47,770~52,540 kw 5.6~14.0~15.4	Btu/h 20,200~50,500~55,550 kw 5.92~14.8~16.3
Heating	Btu/h 8,120~20,300~22,330 kw 2.4~6.0~6.6	Btu/h 10,920~27,300~30,030 kw 2.75~8.0~8.8	Btu/h 12,280~30,700~33,770 kw 3.6~9.0~9.9	Btu/h 15,280~38,200~42,020 kw 4.48~11.2~12.3	Btu/h 19,108~47,770~52,540 kw 5.6~14.0~15.4	Btu/h 22,520~56,300~61,930 kw 6.6~16.4~18.2	Btu/h 23,200~58,000~63,800 kw 6.8~17.0~18.7
Nominal Input (Rating)							
Cooling	kw 1.54	kw 2.62	kw 2.65	kw 3.25	kw 4.15	kw 4.65	kw 5.26
Heating	kw 1.66	kw 2.75	kw 2.91	kw 3.28	kw 3.73	kw 4.54	kw 4.57
Running Current Cooling / Heating	A 0.92	A 0.92	A 1.34	A 1.42	A 3.65	A 3.65	A 3.65
Power Supply	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50
EER	Cooling kw/kw 3.21	Cooling kw/kw 2.71	Cooling kw/kw 3.01	Cooling kw/kw 3.25	Cooling kw/kw 3.01	Cooling kw/kw 2.81	Cooling kw/kw 3.01
COP	Heating kw/kw 3.61	Heating kw/kw 2.91	Heating kw/kw 3.61	Heating kw/kw 3.28	Heating kw/kw 3.75	Heating kw/kw 3.61	Heating kw/kw 3.61
Operational Temperature Cooling	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43
Range Heating	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24
Air Flow Rate (H/M/L)	CMM 16.5/14.5/13	CMM 18/16.5/14	CMM 26.5/23/20	CMM 32/29/26	CMM 36/32/38	CMM 40/35/30	CMM 50/45/40
Sound Level (H/M/L)	CFM 583/512/459	CFM 636/583/494	CFM 936/812/708	CFM 1130/1024/918	CFM 1260/1120/980	CFM 1413/1236/1059	CFM 1766/1413/1236
Dehumidification Rate	l/h 36/34/32	l/h 38/36/34	l/h 34/38/35	l/h 42/39/36	l/h 42/40/38	l/h 44/42/40	l/h 46/44/42
Dimensions (WxHxD)	Body mm(m/inch) 880x260x450(34.3x10.2x17.7)	Body mm(m/inch) 880x260x450(34.3x10.2x17.7)	Body mm(m/inch) 1180x298x450(45.5x11.7x17.7)	Body mm(m/inch) 1180x298x450(45.5x11.7x17.7)	Body mm(m/inch) 1230x380x590(48.4x15.0x23.2)	Body mm(m/inch) 1230x380x590(48.4x15.0x23.2)	Body mm(m/inch) 1230x380x590(48.4x15.0x23.2)
Weight	Body kg(lbs) 3577(2)	Body kg(lbs) 3577(2)	Body kg(lbs) 3884(3)	Body kg(lbs) 401(32)	Body kg(lbs) 401(32)	Body kg(lbs) 421(37)	Body kg(lbs) 421(37)
Piping Connections	Liquid mm(inch) 6.35(1/4)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)
Drain(OD/ID)	Gas mm(inch) 12.7(1/2)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)
	mm 32/25	mm 32/25	mm 32/25	mm 32/25	mm 32/25	mm 32/25	mm 32/25

Outdoor Unit

	UU18W UED	UU24W UED	UU30W UED	UU36W UED	UU42W U3D	UU48W U3D	UU60W U3D
Compressor	Type e - Scroll	Type Rotary	Type Rotary	Type Rotary	Type Rotary	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 1300	Charge g(oz) 2000(7.0)	Charge g(oz) 2500(8.2)	Charge g(oz) 3600(12.7)	Charge g(oz) 3600(12.7)	Charge g(oz) 3600(12.7)	Charge g(oz) 3600(12.7)
Fan	Discharge Side/Top	Discharge Side	Discharge Side	Discharge Side	Discharge Side	Discharge Side	Discharge Side
Noise Level(H/L)	Sound Press,1m dB(A)+3 51/45	Sound Press,1m dB(A)+3 52/46	Sound Press,1m dB(A)+3 56/52	Sound Press,1m dB(A)+3 59/51			
Dimensions W*H*D	mm(inch) 870x655x320(34.3x25.8x12.6)	mm(inch) 870x808x320(34.3x31.8x12.6)	mm(inch) 870x1060x320(34.3x41.7x12.6)	mm(inch) 950x1380x330(37.4x54.3x13.0)	mm(inch) 950x1380x330(37.4x54.3x13.0)	mm(inch) 950x1380x330(37.4x54.3x13.0)	mm(inch) 950x1380x330(37.4x54.3x13.0)
Net Weight	Outdoor kg(lbs) 46	Outdoor kg(lbs) 60(132)	Outdoor kg(lbs) 60(132)	Outdoor kg(lbs) 75(165.3)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)
Piping connection	Liquid mm(inch) 6.35 (1/4)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)
Gas mm(inch)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No. "mm ² 3 x 2.5	No. "mm ² 3 x 2.5	No. "mm ² 3 x 2.5	No. "mm ² 3 x 3.5			
Interunit Cable(Includes earth)	No. "mm ² 4 x 0.75	No. "mm ² 4 x 0.75	No. "mm ² 4 x 0.75	No. "mm ² 4 x 0.75	No. "mm ² 4 x 0.75	No. "mm ² 4 x 0.75	No. "mm ² 4 x 0.75
Max. Piping Length/Elevation	m 40/30	m 50/30	m 50/30	m 75/30	m 75/30	m 75/30	m 75/30
Power Supply	ø,V, Hz 1,220~240, 50	ø,V, Hz 1,220~240, 50	ø,V, Hz 1,220~240, 50	ø,V, Hz 1,220~240, 50	ø,V, Hz 1,220~240, 50	ø,V, Hz 1,220~240, 50	ø,V, Hz 1,220~240, 50
Running Current	Cooling/Heating A 7.0/7.42	Cooling/Heating A 10.0/10.7	Cooling/Heating A 12/13.0	Cooling/Heating A 14/14.2	Cooling/Heating A 17.7/16.7	Cooling/Heating A 20.5/20.5	Cooling/Heating A 24.7/23.5
Air Circulation	CMM(CFM) 50(1766)	CMM(CFM) 58(2048)	CMM(CFM) 58(2048)	CMM(CFM) 32(1130) x 2	CMM(CFM) 55(1942) x 2	CMM(CFM) 55(1942) x 2	CMM(CFM) 45
Additional Refrigerant Charge (Over 7.5m)	g/m 20	g/m 35	g/m 35	g/m 50	g/m 40	g/m 40	g/m 40

Note : Due to our policy of innovation some specifications may be changed without notification.



Specifications

Indoor Unit

	UB36 NGD	UB42 NRD	UB48 NRD	UB60 NRD
Nominal Capacity (Min-Rating-Max)				
Cooling	Btu/h 13,640~34,100~37,500 kw 4.48~11.2~12.3	Btu/h 17,060~42,650~46,910 kw 5.0~12.5~13.8	Btu/h 19,100~47,770~52,540 kw 5.6~14.0~15.4	Btu/h 20,200~50,500~55,550 kw 5.92~14.8~16.3
Heating	Btu/h 15,280~38,200~42,020 kw 4.48~11.2~12.3	Btu/h 19,108~47,770~52,540 kw 5.6~14.0~15.4	Btu/h 22,520~56,300~61,930 kw 6.6~16.7~18.2	Btu/h 23,200~58,000~63,800 kw 6.8~17.0~18.7
Nominal Input (Rating)				
Cooling	kw 3.51	kw 4.15	kw 4.65	kw 5.26
Heating	kw 3.49	kw 3.82	kw 4.57	kw 4.70
Running Current Cooling / Heating	A 1.42	A 3.45	A 3.65	A 3.65
Power Supply	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50	ØV/Hz 1 / 220 ~240 / 50
EER	Cooling kw/kw 2.85	Cooling kw/kw 3.01	Cooling kw/kw 3.01	Cooling kw/kw 2.81
COP	Heating kw/kw 3.21	Heating kw/kw 3.66	Heating kw/kw 3.61	Heating kw/kw 3.61
Operational Temperature Cooling	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43	°C -10 ~ 43
Range Heating	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24	°C -15 ~ 24
Air Flow Rate (H/M/L)	CMM 32/29/26	CMM 40/35/30	CMM 40/42/40	CMM 50/45/40
Sound Level (H/M/L)	CFM 1130/1024/918	CFM 1260/1120/980	CFM 1413/1236/1059	CFM 1766/1413/1236
Dehumidification Rate	l/h 4.0	l/h 5.0	l/h 6.0	l/h 6.5
Dimensions (WxHxD)	Body mm(m/inch) 1180x298x450(45.5x11.7x17.7)	Body mm(m/inch) 1230x380x590(48.4x15.0x23.2)	Body mm(m/inch) 1230x380x590(48.4x15.0x23.2)	Body mm(m/inch) 1230x380x590(48.4x15.0x23.2)
Weight	Body kg(lbs) 3884(3)	Body kg(lbs) 401(32)	Body kg(lbs) 401(32)	Body kg(lbs) 421(37)
Piping Connections	Liquid mm(m/inch) 9.52(3/8)	Liquid mm(m/inch) 9.52(3/8)	Liquid mm(m/inch) 15.88(5/8)	Liquid mm(m/inch) 15.88(5/8)
Drain(OD/ID)	Gas mm(m/inch) 15.88(5/8)	Gas mm(m/inch) 15.88(5/8)	Gas mm(m/inch) 15.88(5/8)	Gas mm(m/inch) 15.88(5/8)
	mm 32/25	mm 32/25	mm 32/25	mm 32/25

Outdoor Unit

	UU37W UED	UU43W U3D	UU49W U3D	UU61W U3D
Compressor	Type Rotary	Type Rotary	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 2900(88)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)
Fan	Discharge Side/Top	Discharge Side	Discharge Side	Discharge Side
Noise Level(H/L)	Sound Press,1m dB(A)+3 54/50	Sound Press,1m dB(A)+3 55/51	Sound Press,1m dB(A)+3 55/51	Sound Press,1m dB(A)+3 55/51
Dimensions W*H*D	mm(inch) 870x1060x320(34.3x41.7x12.6)	mm(inch) 950x1380x330(37.4x54.3x13.0)	mm(inch) 950x1380x330(37.4x54.3x13.0)	mm(inch) 950x1380x330(37.4x54.3x13.0)
Net Weight	Outdoor kg(lbs) 80(176)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)
Piping connection	Liquid mm(inch) 9.52 (3/8)			
Gas mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No."mm ² 3 x 2.5			
Interunit Cable(Includes earth)	No."mm ² 4 x 0.75			
Max. Piping Length/Elevation	m 50/30	m 75/30	m 75/30	m 75/30
Power Supply	ø,V, Hz 3,380~415, 50			
Running Current	Cooling/Heating A 3.7/3.9	Cooling/Heating A 4.0/4.28	Cooling/Heating A 4.98/5.23	Cooling/Heating A 5.91/5.79
Air Circulation	CMM(CFM) 32(1130) x 2	CMM(CFM) 55(1942) x 2	CMM(CFM) 55(1942) x 2	CMM(CFM) 40
Additional Refrigerant Charge (Over 7.5m)	q/m 45	q/m 40	q/m 40	q/m 40

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Ceiling Concealed Duct



Heat pump

- UB18 •UB24
- UB30 •UB36
- UB48 •UB60



Specifications

Indoor Unit

	UB18 NHD	UB24 NHD	UB30 NGD	UB36 NGD	UB48 NRD	UB60 NRD
Nominal Capacity (Rated) Cooling	Btu/h kw	16,890 4.95	22,179 6.5	27,300 8.00	34,100 10.0	46,700 13.70
Heating	Btu/h	19,800	26,410	30,700	37,500	54,600 14.90
Nominal Input (Rated) Cooling	kw	5.8	7.4	9.00	11.0	16.00
Heating	kw	1.96	2.49	3.60	4.00	5.84
Running Current Cooling / Heating	A	0.92	0.92	1.34	1.42	3.65
Power Supply	ØV/Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
EER	Cooling kw/kw	2.53	2.61	2.22	2.50	2.35
COP	Heating kw/kw	2.66	2.85	2.81	3.06	3.50
Operational Temperature Cooling	°C	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Air Flow Rate (H/M/L)	CMM	16.5/14.5/13	18/16.5/14	26.5/23/20	32/29/26	40/35/30
CFM	583/512/459	636/583/494	936/812/706	1130/1024/918	1413/1236/1059	1766/1413/1236
Sound Level (dB(A)±3	36/34/32	38/36/34	34/38/35	42/39/36	44/42/40	46/44/42
Dehumidification Rate	l/h	1.59	2.5	3.3	4.0	6.0
Dimensions (WxHxD)	Body mm(minch)	880×260×450(34.6×10.2×17.7)	880×260×450(34.6×10.2×17.7)	1180×298×450(46.5×11.7×17.7)	1180×298×450(46.5×11.7×17.7)	1230×380×590(48.4×15.0×23.2)
Weight	Body kg(lbs)	357(7.2)	357(7.2)	388(8)	388(8)	601(13)
Piping Connections	Liquid mm(inch)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Gas mm(inch)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Drain(OD/ID)	mm	32/25	32/25	32/25	32/25	32/25

Outdoor Unit

	UU18 UED	UU24 UED	UU30 UED	UU37 UED	UU48 U3D	UU60 U3D
Compressor	Type	Rotary	Rotary	Rotary	Scroll	Scroll
Refrigerant Charge	g(gz)	1300(45.90)	1950(68.9)	1870(66.0)	2450(86.4)	3300(116.4)
Fan	Type	R410A	R410A	R410A	R410A	R410A
Noise Level	Discharge Side/Top dB(A)±3	52	52	53	52	55
Dimensions	W*H*D mm(minch)	870×655×200(34.3×25.8×12.6)	870×808×200(34.3×31.8×12.6)	870×808×200(34.3×31.8×12.6)	870×1060×320(34.2×41.7×12.6)	950×1380×330(37.5×54.3×13.0)
Net Weight	Outdoor kg(lbs)	52(11.6)	60(13.2)	64(14.1)	85(18.7)	105(23.1)
Piping connection	Liquid mm(minch)	6.35 (1/4)	9.52(3/8)	9.52(3/8)	9.52 (3/8)	9.52 (3/8)
Gas mm(minch)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No.*mm ²	3×2.5	3×2.5	4×2.5	4×2.5	4×2.5
Interunit Cable(Includes earth)	No.*mm ²	4×0.75	4×0.75	4×0.75	4×0.75	4×0.75
Max. Piping Length/Elevation	m	50/30	40/30	50/30	50/30	40/30
Power Supply	øV,Hz	1,220~240,50	1,220~240,50	3,380~415,50	3,380~415,50	3,380~415,50
Running Current	Cooling/Heating A	8.83/6.54	11.4/12.6	17.2/16.3	7.5/7.7	6.5/6.4
Air Circulation	CMM(CFM)	53(1872)	53(1872)	53(1130)×2	55(1942)×2	55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m	35	45	45	50	50

Note : Due to our policy of innovation some specifications may be changed without notification.

Big Duct Model



Set Type

- B120AH



Specifications

Capacity

Capacity	Cooling	Btu/h	112,000
	Heating	Btu/h	32,825
Input	Cooling	W	130,000
	Heating	W	38,100
Running Current	Cooling/Heating	A	14,500
Power Supply	øV, Hz	3,380~415,50	2.26
E.E.R	Cooling	W/W	3.05
C.O.P	Heating	W/W	-5 ~ 43
Operational Temperature	Cooling	°C	-10 ~ 24
Range(Outdoor)	Heating	°C	10.0
Dehumidification Rate	l/h	20 (0.79)	20 (0.79)
External Static Pressure(max)	mmAq(inAq)	105/97/99 (3,708/3,426/3,179)	130/87/87 (3,708/3,426/3,179)
Air Flow Rate(H/M/L)	Indoor	CMM(CFM)	53/51/49
Net Weight	Indoor	kg(lbs)	1,600/720/800
Noise Level(H/M/L)	Indoor	dB(A)±3	8,000/282.2, R410A
Dimensions (W*H*D)	Indoor	mm	50.4×59.8×28.1/280×1,520×730
Refrigerant Charge(at 7.5m)	g/oz, type	Gas	300(61)
Compressor	Type	Scroll	5×8.5
Outdoor Fan	Discharge	Side/Top	Top Discharge
Noise Level (Sound Press, 1m)	Outdoor	dB(A)±3	65
Pipe Connection	Liquid	inch(mm)	5/8(15.88)
	Gas	inch(mm)	11/8 (28.58)
Dimensions (W*H*D)	Outdoor	inch(mm)	50.4×59.8×28.1/280×1,520×730
Net Weight	Outdoor	kg(lbs)	300(61)
Power Supply Cable	No.*mm ²		5×8.5
Interunit Cable	No.*mm ²		2×1.25
Max length/Elevation	m		50/30

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling & Floor Ceiling Suspended

Floor / Ceiling Convertible System has the flexibility of multiple installations.
The Indoor Unit can easily be mounted on the floor or suspended from the ceiling.



Flexible Installation

The Ceiling & Floor model can be installed either ceiling or floor. So you can save the space when you install this units on your shop or office.



Airflow Direction Control

Horizontal Airflow Direction Control.
Adjust the horizontal airflow direction by manually moving the horizontal airflow louver by hand.



Vertical Airflow Direction Control
The airflow direction can be adjusted as desired by using the remote controller.



Upgraded Function

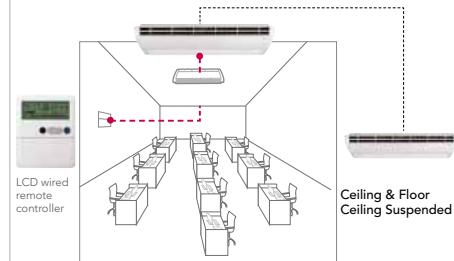
- One Touch Filter & Filter Cleaning Alarm Function
- Power Wind Mode



Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.

- * Wired Remote Controller (Option)
- PVRCUSZ0, PQRCUSA0



Ceiling & Floor
Ceiling Suspended

Ceiling & Floor Ceiling Suspended

Ceiling & Floor



UV09/UV12

UV18-UV30



Specifications

Indoor Unit

	UV09 NED	UV12 NED	UV18 NBD	UV24 NBD	UV30 NBD
Nominal Capacity (Min-Rating-Max)	Cooling Btu/h 3,410 ~ 8,530 ~ 9,380 kw 1.0 ~ 2.5 ~ 2.75	Cooling Btu/h 4,504 ~ 11,260 ~ 12,386 kw 1.32 ~ 3.3 ~ 3.63	Cooling Btu/h 6,6510 ~ 16,378 ~ 18,016 kw 1.92 ~ 4.8 ~ 5.28	Cooling Btu/h 9,553 ~ 23,884 ~ 26,272 kw 2.8 ~ 7.0 ~ 7.7	Cooling Btu/h 10,373 ~ 25,932 ~ 28,525 kw 3.04 ~ 7.6 ~ 8.36
Heating	Btu/h 4,090 ~ 10,240 ~ 11,260 kw 1.2 ~ 3.0 ~ 3.3	Btu/h 5,186 ~ 12,966 ~ 14,262 kw 1.52 ~ 3.8 ~ 4.18	Btu/h 6,960 ~ 17,401 ~ 19,142 kw 2.04 ~ 5.1 ~ 5.61	Btu/h 10,509 ~ 26,274 ~ 28,901 kw 3.08 ~ 7.7 ~ 8.47	Btu/h 11,464 ~ 28,662 ~ 31,528 kw 3.36 ~ 8.4 ~ 9.24
Nominal Input	Cooling kw 0.75	Cooling kw 1.09	Cooling kw 1.49	Cooling kw 2.3	Cooling kw 2.68
Running Current	Cooling / Heating A 0.13	Cooling / Heating A 0.13	Cooling / Heating A 0.56	Cooling / Heating A 0.56	Cooling / Heating A 0.56
Power Supply	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50
EER	Cooling kw/kw 3.33	Cooling kw/kw 3.03	Cooling kw/kw 3.22	Cooling kw/kw 3.04	Cooling kw/kw 2.84
COP	Heating kw/kw 3.61	Heating kw/kw 3.22	Heating kw/kw 3.42	Heating kw/kw 2.81	Heating kw/kw 2.81
Operational Temperature Range(Indoor)	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24
Air Flow Rate (H/M/L)	CMM 7.6 / 6.9 / 6.2 CFM 268 / 244 / 219	CMM 9.2 / 7.6 / 6.59 CFM 325 / 288 / 244	CMM 13.5 / 12 / 11 CFM 437 / 424 / 368	CMM 15 / 13.5 / 12 CFM 530 / 477 / 424	CMM 18 / 16 / 14 CFM 636/564/494
Sound Level (H/M/L)	dBA(A) 38 / 35 / 32	dBA(A) 40 / 36 / 31	dBA(A) 40 / 37	dBA(A) 42 / 39	dBA(A) 42 / 39
Dehumidification Rate	l/h 1.2	l/h 1.2	l/h 2.3	l/h 3.2	l/h 3.5
Dimensions (WxHxD)	Body mm(inch) 900×200×490(35.4×7.9×19.3)	Body mm(inch) 900×200×490(35.4×7.9×19.3)	Body mm(inch) 1,200×205×615(47.2×8.1×24.2)	Body mm(inch) 1,200×205×615(47.2×8.1×24.2)	Body mm(inch) 1,200×205×615(47.2×8.1×24.2)
Weight	Body kg(lbs) 13.7(30.2)	Body kg(lbs) 13.7(30.2)	Body kg(lbs) 30(66.1)	Body kg(lbs) 30(66.1)	Body kg(lbs) 30(66.1)
Piping Connections	Liquid mm(inch) 6.35(1/4)	Liquid mm(inch) 6.35(1/4)	Liquid mm(inch) 6.35(1/4)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)
	Gas mm(inch) 9.52(3/8)	Gas mm(inch) 9.52(3/8)	Gas mm(inch) 12.7(1/2)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)

Outdoor Unit

	UU09W ULD	UU12W ULD	UU18W UED	UU24W UED	UU30W UED
Compressor	Type Rotary	Type Rotary	e - Scroll	Rotary	Rotary
Refrigerant Charge	Charge g(oz) 1000(35.27)	Charge g(oz) 1000(35.27)	Type R410A	2000(70.6)	2000(70.6)
Fan	Discharge Side/Top	Discharge Side	Discharge Side	Discharge Side	Discharge Side
Noise Level(H/L)	Sound Press,1m dB(A) 3 48 / 42	Sound Press,1m dB(A) 3 48 / 42	Sound Press,1m dB(A) 3 51 / 45	Sound Press,1m dB(A) 3 52 / 46	Sound Press,1m dB(A) 3 52 / 46
Dimensions	W*H*D mm(inch) 770×540×245 (30.3×21.3×9.9)	W*H*D mm(inch) 770×540×245 (30.3×21.3×9.9)	W*H*D mm(inch) 870×655×320(34.3×25.8×12.6)	W*H*D mm(inch) 870×808×320(34.3×31.8×12.6)	W*H*D mm(inch) 870×1060×320 (34.3×41.7×12.6)
Net Weight	Outdoor kg(lbs) 32(71)	Outdoor kg(lbs) 32(71)	Outdoor kg(lbs) 46(101)	Outdoor kg(lbs) 60(132)	Outdoor kg(lbs) 60(132)
Piping connection	Liquid mm(inch) 6.35 (1/4)	Gas mm(inch) 9.52 (3/8)	Liquid mm(inch) 6.35 (1/4)	Gas mm(inch) 9.52 (3/8)	Liquid mm(inch) 9.52 (3/8)
Power Supply Cable(Includes earth)	No.·mm ² 3×1.5	No.·mm ² 3×2.5	No.·mm ² 3×2.5	No.·mm ² 3×2.5	No.·mm ² 3×2.5
Interunit Cable(Includes earth)	No.·mm ² 4×0.75				
Max. Piping Length/Elevation	m 15/10	m 15/10	m 50/30	m 50/30	m 50/30
Power Supply	ø,V Hz 1,220~240,50				
Running Current	Cooling/Heating A 3.58/3.85	Cooling/Heating A 5.25/5.41	Cooling/Heating A 6.69/7.0	Cooling/Heating A 10/10.7	Cooling/Heating A 12/13.0
Air Circulation	CMM(CFM) 50(1766)	CMM(CFM) 50(1766)	CMM(CFM) 58(2048)	CMM(CFM) 58(2048)	CMM(CFM) 58(2048)
Additional Refrigerant Charge (Over 7.5m)	g/m 20	g/m 20	g/m 25	g/m 35	g/m 35

Note : Due to our policy of innovation some specifications may be changed without notification.

DC Inverter



- UV09 •UV12
- UV18 •UV24
- UV30

Ceiling Suspended

DC Inverter



- UV36 •UV42
- UV48 •UV60



UV36



UV42, UV48 , UV60



Specifications

Indoor Unit

	UV36 NKD	UV42 NLD	UV48 NLD	UV60 NLD
Nominal Capacity (Min-Rating-Max)	Cooling Btu/h 12960 ~ 32400 ~ 35640 kw 3.8 ~ 9.5 ~ 10.5	Cooling Btu/h 17060 ~ 42650 ~ 46915 kw 5.0 ~ 12.5 ~ 13.8	Cooling Btu/h 18160 ~ 45400 ~ 49940 kw 5.32 ~ 13.3 ~ 14.6	Cooling Btu/h 19520 ~ 48800 ~ 53680 kw 5.72 ~ 14.4 ~ 15.7
Heating	Btu/h 14320 ~ 35800 ~ 39380 kw 4.2 ~ 10.5 ~ 11.6	Btu/h 19108 ~ 47770 ~ 52547 kw 5.6 ~ 13.6 ~ 15.4	Btu/h 21840 ~ 54660 ~ 60060 kw 6.4 ~ 15.3 ~ 17.6	Btu/h 23200 ~ 58000 ~ 63800 kw 6.8 ~ 16.8 ~ 18.7
Nominal Input	Cooling kw 3.32	Cooling kw 4.00	Cooling kw 4.41	Cooling kw 5.30
Running Current	Cooling / Heating kw 0.97	Cooling / Heating kw 0.67*2	Cooling / Heating kw 0.67*2	Cooling / Heating kw 0.67*2
Power Supply	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50	Ø/V/Hz 1 / 220 ~ 240 / 50
EER	Cooling kw/kw 2.86	Cooling kw/kw 3.12	Cooling kw/kw 3.01	Cooling kw/kw 2.71
COP	Heating kw/kw 3.21	Heating kw/kw 3.41	Heating kw/kw 3.21	Heating kw/kw 3.05
Operational Temperature Range	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24
Air Flow Rate (H/M/L)	CMM 29 / 27 / 24 CFM 1023 / 953 / 847	CMM 32 / 30 / 28 CFM 1136 / 1059 / 989	CMM 36 / 34 / 32 CFM 1271 / 1207 / 1136	CMM 38 / 36 / 34 CFM 1341 / 1270 / 1207
Sound Level (H/M/L)	dBA(A) 44 / 42 / 40	dBA(A) 48 / 45 / 42	dBA(A) 54 / 52 / 50	dBA(A) 56 / 54 / 52
Dehumidification Rate	l/h 3.5	l/h 4.5	l/h 5.8	l/h 6.2
Dimensions (WxHxD)	Body mm(inch) 1350×630×220(53.2×24.8×8.66)	Body mm(inch) 1750×630×220(58.9×24.8×8.66)	Body mm(inch) 1750×630×220(68.9×24.8×8.66)	Body mm(inch) 1750×630×220(68.9×24.8×8.66)
Weight	Body kg(lbs) 35(77.2)	Body kg(lbs) 45(99.2)	Body kg(lbs) 45(99.2)	Body kg(lbs) 45(99.2)
Piping Connections	Liquid mm(inch) 9.52(3/8)	Gas mm(inch) 9.52(3/8)	Gas mm(inch) 9.52(3/8)	Gas mm(inch) 9.52(3/8)

Outdoor Unit

	UU36W UED	UU42W U3D	UU48W U3D	UU60W U3D
Compressor	Type Rotary	Type Rotary	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 2500(88.2)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)
Fan	Discharge Side/Top R410A	Discharge Side/Top R410A	Discharge Side/Top R410A	Discharge Side/Top R410A
Noise Level(H/L)	Sound Press,1m dB(A) 3 56/52	Sound Press,1m dB(A) 3 55/51	Sound Press,1m dB(A) 3 55/51	Sound Press,1m dB(A) 3 55/51
Dimensions	W*H*D mm(inch) 870×1060×320 (34.3×41.7×12.6)	W*H*D mm(inch) 950×1380×330 (37.4×54.3×13.0)	W*H*D mm(inch) 950×1380×330 (37.4×54.3×13.0)	W*H*D mm(inch) 950×1380×330 (37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs) 75(165.3)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)
Piping connection	Liquid mm(inch) 9.52 (3/8)	Gas mm(inch) 9.52 (3/8)	Gas mm(inch) 9.52 (3/8)	Gas mm(inch) 9.52 (3/8)
Power Supply Cable(Includes earth)	No.·mm ² 3×2.5	3×2.5	3×2.5	3×2.5
Interunit Cable(Includes earth)	No.·mm ² 4×0.75	4×0.75	4×0.75	4×0.75
Max. Piping Length/Elevation	m 50/30	m 50/30	m 75/30	m 75/30
Power Supply	ø,V Hz 1,220~240,50	ø,V Hz 1,220~240,50	ø,V Hz 1,220~240,50	ø,V Hz 1,220~240,50
Running Current	Cooling/Heating A 14.0/14.2	Cooling/Heating A 17.7/16.7	Cooling/Heating A 20.5/20.5	Cooling/Heating A 24.7/23.5
Air Circulation	CMM(CFM) 32(130)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 40
Additional Refrigerant Charge (Over 7.5m)	q/m 50	q/m 40	q/m 40	q/m 40

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling & Floor Ceiling Suspended

Ceiling Suspended



UV36



UV42, UV48 , UV60



UU36W UU42W / UU48W / UU60W

3Phase DC Inverter



- UV36 •UV42
- UV48 •UV60

Ceiling & Floor



UV09/UV12

UV18-UV30



Heat pump

- UV12 •UV18
- UV24 •UV30



UU12

UU18

UU24/UU30

Specifications

Indoor Unit

	UV36 NKD	UV42 NLD	UV48 NLD	UV60 NLD
Nominal Capacity (Min~Rating~Max)	Cooling Btu/h 12960 ~ 32400 ~ 35640 Heating Btu/h 3.8 ~ 9.5 ~ 10.5	Cooling Btu/h 17060 ~ 42650 ~ 46915 Heating Btu/h 5.0 ~ 12.5 ~ 13.8	Cooling Btu/h 18160 ~ 45400 ~ 49940 Heating Btu/h 5.32 ~ 13.3 ~ 14.6	Cooling Btu/h 19520 ~ 48800 ~ 53680 Heating Btu/h 5.72 ~ 14.4 ~ 15.7
Nominal Input	Cooling kw 4.2 ~ 10.5 ~ 11.6 Heating kw 5.6 ~ 13.6 ~ 15.4	Cooling kw 4.00 Heating kw 3.27	Cooling kw 4.41 Heating kw 3.98	Cooling kw 5.30 Heating kw 4.76
Running Current	Cooling / Heating A 0.97	Cooling / Heating A 0.67*2	Cooling / Heating A 0.67*2	Cooling / Heating A 0.67*2
Power Supply	Ø/V/Hz 1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
EER	Cooling kw/kw 2.86 Heating kw/kw 3.21	Cooling kw/kw 3.12 Heating kw/kw 3.41	Cooling kw/kw 3.01 Heating kw/kw 3.21	Cooling kw/kw 2.71 Heating kw/kw 3.05
COP	Cooling kw/kw 3.21 Heating kw/kw 3.21	Cooling kw/kw 3.21 Heating kw/kw 3.21	Cooling kw/kw 3.21 Heating kw/kw 3.21	Cooling kw/kw 3.21 Heating kw/kw 3.21
Operational Temperature Range	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24	Cooling °C -10 ~ 43 Heating °C -15 ~ 24
Air Flow Rate (H/M/L)	CMM 29 / 27 / 24 CFM 1023 / 953 / 847	CMM 32 / 30 / 28 CFM 1136 / 1059 / 989	CMM 36 / 34 / 32 CFM 1271 / 1207 / 1136	CMM 38 / 36 / 34 CFM 1341 / 1270 / 1207
Sound Level (H/M/L)	dB(A):3 44 / 42 / 40	dB(A):3 48 / 45 / 42	dB(A):3 54 / 52 / 50	dB(A):3 56 / 54 / 52
Dehumidification Rate	l/h 3.5	l/h 4.5	l/h 5.8	l/h 6.2
Dimensions (WxHxD)	Body mm(inch) 1350×630×220(53.2×24.8×8.66)	Body mm(inch) 1750×630×220(58.9×24.8×8.66)	Body mm(inch) 1750×630×220(66.9×24.8×8.66)	Body mm(inch) 1750×630×220(66.9×24.8×8.66)
Weight	Body kg(lbs) 35(77.2)	Body kg(lbs) 45(99.2)	Body kg(lbs) 45(99.2)	Body kg(lbs) 45(99.2)
Piping Connections	Liquid mm(inch) 9.52(3/8) Gas mm(inch) 15.88(5/8)	Liquid mm(inch) 9.52(3/8) Gas mm(inch) 15.88(5/8)	Liquid mm(inch) 9.52(3/8) Gas mm(inch) 15.88(5/8)	Liquid mm(inch) 9.52(3/8) Gas mm(inch) 15.88(5/8)

Outdoor Unit

	UU37W UED	UU43W U3D	UU49W U3D	UU61W U3D
Compressor	Type Rotary	Type Rotary	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 2500(88)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)	Charge g(oz) 3600(127)
Fan	Discharge Side/Top Type R410A	Discharge Side R410A	Discharge Side R410A	Discharge Side R410A
Noise Level(H/L)	Sound Press,1m dB(A):3 54/50	Sound Press,1m dB(A):3 55/51	Sound Press,1m dB(A):3 55/51	Sound Press,1m dB(A):3 55/51
Dimensions	W*H*D mm(inch) 870×1060×320 (34.3×41.7×12.6)	W*H*D mm(inch) 950×1380×330 (37.4×54.3×13.0)	W*H*D mm(inch) 950×1380×330 (37.4×54.3×13.0)	W*H*D mm(inch) 950×1380×330 (37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs) 80(176)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)	Outdoor kg(lbs) 103(227)
Piping connection	Liquid mm(inch) 9.52 (3/8) Gas mm(inch) 15.88 (5/8)			
Power Supply Cable(Includes earth)	No.*mm ² 3x2.5	No.*mm ² 3x3.5	No.*mm ² 3x3.5	No.*mm ² 3x3.5
Interunit Cable(Includes earth)	No.*mm ² 4x0.75	No.*mm ² 4x0.75	No.*mm ² 4x0.75	No.*mm ² 4x0.75
Max. Piping Length/Elevation	m 50/30	m 75/30	m 75/30	m 50/30
Power Supply	ø,V, Hz 3, 380~415, 50			
Running Current	Cooling/Heating A 3.7/3.9	Cooling/Heating A 4.9/8.28	Cooling/Heating A 5.9/15.79	Cooling/Heating A 5.9/15.79
Air Circulation	CMM(CFM) 32(1130)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m 45	g/m 40	g/m 40	g/m 40

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Specifications

Indoor Unit

	UV12 NED	UV18 NBD	UV28 NBD	UV30 NBD
Nominal Capacity (Rated)	Cooling Btu/h 11,157 Heating Btu/h 3,27	Cooling Btu/h 15,184 Heating Btu/h 4,45	Cooling Btu/h 22,179 Heating Btu/h 6,5	Cooling Btu/h 26,600 Heating Btu/h 7,80
Nominal Input	Cooling kw 3.75 Heating kw 1.3	Cooling kw 5.4 Heating kw 2.00	Cooling kw 7.3 Heating kw 2.60	Cooling kw 8.80 Heating kw 3.53
Running Current	Cooling / Heating A 0.13	Cooling / Heating A 0.56	Cooling / Heating A 0.56	Cooling / Heating A 0.56
Power Supply	Ø/V/Hz 1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50	1 / 220 ~ 240 / 50
EER	Cooling kw/kw 2.52 Heating kw/kw 2.84	Cooling kw/kw 2.42 Heating kw/kw 2.70	Cooling kw/kw 2.61 Heating kw/kw 2.81	Cooling kw/kw 2.21 Heating kw/kw 2.41
COP	Cooling kw/kw 3.21 Heating kw/kw 3.21			
Operational Temperature Range	Cooling °C -5 ~ 43 Heating °C -10 ~ 24	Cooling °C -5 ~ 43 Heating °C -10 ~ 24	Cooling °C -5 ~ 43 Heating °C -10 ~ 24	Cooling °C -5 ~ 43 Heating °C -10 ~ 24
Air Flow Rate (H/M/L)	CMM 9.2 / 7.6 / 6.9 CFM 325 / 268 / 244	CMM 13.5 / 12 / 11 CFM 437 / 424 / 388	CMM 15 / 13.5 / 12 CFM 530 / 477 / 424	CMM 18 / 16 / 14 CFM 636 / 564 / 494
Sound Level (H/M/L)	dB(A):3 40 / 36 / 31	dB(A):3 43 / 40 / 37	dB(A):3 45 / 42 / 39	dB(A):3 3.2
Dehumidification Rate	l/h 1.2	l/h 1.42	l/h 1.42	l/h 3.5
Dimensions (WxHxD)	Body mm(inch) 900×200×490(35.4×7.9×19.3)	Body mm(inch) 1,200×205×615(42.2×8.1×24.2)	Body mm(inch) 1,200×205×615(42.2×8.1×24.2)	Body mm(inch) 1,200×205×615(42.2×8.1×24.2)
Weight	Body kg(lbs) 13(30.2)	Body kg(lbs) 30(66.1)	Body kg(lbs) 30(66.1)	Body kg(lbs) 30(66.1)
Piping Connections	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)			

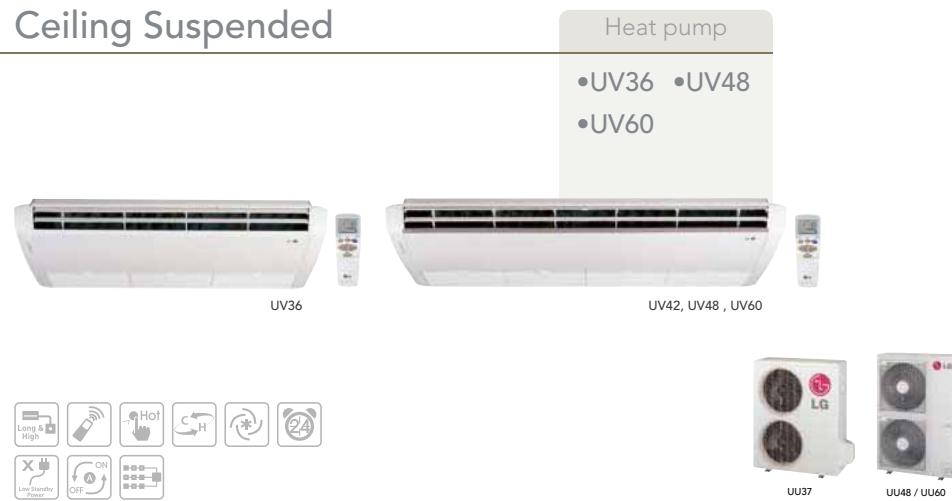
Outdoor Unit

	UU12 ULD	UU18 UED	UU24 UED	UU30 UED
Compressor	Type Rotary	Type Rotary	Type Rotary	Type Rotary
Refrigerant Charge	Charge g(oz) 1200(4.2)	Charge g(oz) 1300(4.5)	Charge g(oz) 1950(68.9)	Charge g(oz) 1870(66.0)
Fan	Discharge Side/Top Type R410A	Discharge Side R410A	Discharge Side R410A	Discharge Side R410A
Noise Level(H/L)	Sound Press,1m dB(A):3 47	Sound Press,1m dB(A):3 52	Sound Press,1m dB(A):3 53	Sound Press,1m dB(A):3 53
Dimensions	W*H*D mm(inch) 770×540×245 (30.3×21.3×9.6)	W*H*D mm(inch) 870×655×320 (34.3×25.8×12.6)	W*H*D mm(inch) 870×808×320(34.3×31.8×12.6)	W*H*D mm(inch) 870×808×320(34.3×31.8×12.6)
Net Weight	Outdoor kg(lbs) 31(68.3)	Outdoor kg(lbs) 52(114.6)	Outdoor kg(lbs) 60(132.2)	Outdoor kg(lbs) 64(141)
Piping connection	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)			
Power Supply Cable(Includes earth)	No.*mm ² 3x2.5	No.*mm ² 3x2.5	No.*mm ² 3x2.5	No.*mm ² 3x2.5
Interunit Cable(Includes earth)	No.*mm ² 4x0.75	No.*mm ² 4x0.75	No.*mm ² 4x0.75	No.*mm ² 4x0.75
Max. Piping Length/Elevation	m 15/10	m 50/30	m 40/30	m 50/30
Power Supply	ø,V, Hz 1,220~240,50	ø,V, Hz 1,220~240,50	ø,V, Hz 1,220~240,50	ø,V, Hz 1,220~240,50
Running Current	Cooling/Heating A 5.8/4.9/1.91	Cooling/Heating A 8.1/6.9/1.91	Cooling/Heating A 11.4/12.6	Cooling/Heating A 17.2/16.3
Air Circulation	CMM(CFM) 26(918)	CMM(CFM) 53(1872)	CMM(CFM) 53(1872)	CMM(CFM) 53(1872)
Additional Refrigerant Charge (Over 7.5m)	q/m 20	q/m 35	q/m 45	q/m 45

Note : Due to our policy of innovation some specifications may be changed without notification.

Ceiling & Floor Ceiling Suspended

Ceiling Suspended



Specifications

Indoor Unit

	UV36 NKD	UV48 NLD	UV60 NLD
Nominal Capacity (Rated)	Cooling Btu/h 34,100 Heating Btu/h 10.0	Cooling Btu/h 45,000 Heating Btu/h 13.20	Cooling Btu/h 48,800 Heating Btu/h 14.30
Nominal Input (Rated)	Cooling kw 11.0 Heating kw 3.72	Cooling kw 15.00 Heating kw 5.30	Cooling kw 17.00 Heating kw 5.90
Running Current (Cooling / Heating)	A 0.97	A 0.67*2	A 0.67*2
Power Supply	Ø/V/Hz 1 / 220 - 240 / 50	Ø/V/Hz 1 / 220 - 240 / 50	Ø/V/Hz 1 / 220 - 240 / 50
EER	Cooling kw/kw 2.69	Cooling kw/kw 2.49	Cooling kw/kw 2.42
COP	Heating kw/kw 2.91	Heating kw/kw 3.00	Heating kw/kw 2.93
Operational Temperature Range	Cooling °C -5 ~ 43 Heating °C 10 ~ 24	Cooling °C -5 ~ 43 Heating °C -10 ~ 24	Cooling °C -5 ~ 43 Heating °C -10 ~ 24
Air Flow Rate (H/M/L)	CFM 29 / 27 / 24	CFM 36 / 34 / 32	CFM 38 / 36 / 34
Sound Level (H/M/L)	dB(A):3 44 / 42 / 40	dB(A):3 54 / 52 / 50	dB(A):3 56 / 54 / 52
Dehumidification Rate	/h 3.5	/h 5.8	/h 6.2
Dimensions (WxHxD)	Body mm(inch) 1350×630×320(53.2×24.8×8.66)	Body mm(inch) 1750×630×320(65.9×24.8×8.66)	Body mm(inch) 1750×630×320(68.9×24.8×8.66)
Weight	Body kg(lbs) 35(77.2)	Body kg(lbs) 45(99.2)	Body kg(lbs) 45(99.2)
Piping Connections	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)
	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)

Outdoor Unit

	UU37W UED	UU48W USD	UU60W USD
Compressor Type	Scroll	Scroll	Scroll
Refrigerant Charge	g(oz) 245(8.4)	g(oz) 330(16.4)	g(oz) 350(123.4)
Fan	Type Side/Top	Type R410A	Type R410A
Noise Level(H/L)	Sound Press,1m dB(A):3 52	Side Discharge 55	Side Discharge 55
Dimensions W*H*D	mm(inch) 870×1060×320(34.2×41.7×12.6)	mm(inch) 950×1380×330(37.4×54.3×13.0)	mm(inch) 950×1380×330(37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs) 85(187)	kg(lbs) 105(231)	kg(lbs) 105(231)
Piping connection	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)	Liquid mm(inch) 9.52(3/8)
	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)	Gas mm(inch) 15.88(5/8)
Power Supply Cable(Includes earth)	No.*mm ² 4x2.5	No.*mm ² 4x2.5	No.*mm ² 4x2.5
Interunit Cable(Includes earth)	No.*mm ² 4x0.75	No.*mm ² 4x0.75	No.*mm ² 4x0.75
Max. Piping Length/Elevation	m 50/30	m 50/30	m 40/30
Power Supply	ø,V, Hz 3,380~415,50	ø,V, Hz 3,380~415,50	ø,V, Hz 3,380~415,50
Running Current	Cooling/Heating A 7.5/7	Cooling/Heating A 6.5/6.4	Cooling/Heating A 6.9/6.7
Air Circulation	CMM(CFM) 32(1130)×2	CMM(CFM) 55(1942)×2	CMM(CFM) 55(1942)×2
Additional Refrigerant Charge (Over 7.5m)	g/m 45	g/m 50	g/m 50

Note : Due to our policy of innovation some specifications may be changed without notification.



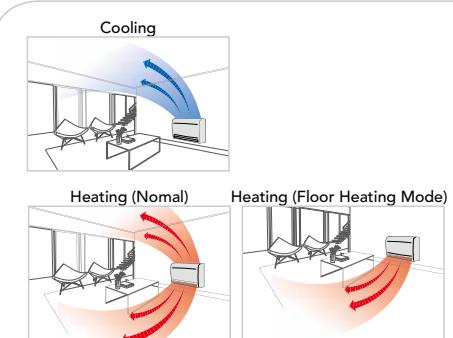
Console

This unit has nice outlook and is equipped with many special features. With stylish design, exclusive air purifier function and ease of use, the LG console is the perfect fit for any space - whether at home, office, restaurant and light commercial application.



Comfort Air Flow

- Different air flow of cooling & heating
For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.



- Quick floor heating
Console air conditioners can operate faster to provide more powerful performance. The result is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.

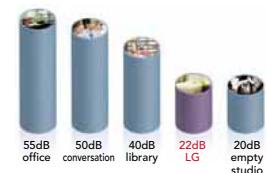
EZ vane tap control



	Company A	Company B	Electric Heater	LG	LG Floor Heating Mode
27°C	Vertical	Green	Orange	Green	Green
15°C	Horizontal	Green	Orange	Blue	Green

(Test Condition: Target Temp 23°C, Indoor Room:13°C-, Outdoor Room:7°C)

Quiet operation (22dB)



Healthy Air (3 stage air filter system)

- 1st Advanced pre filter :
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.



1st Advanced pre filter

- 2nd Allergy Filter :
Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



2nd Allergy Filter

- 3rd Nano Plazma Ion Generator :
The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.



3rd Nano Plazma Ion Generator

LG Unique design

Console has been designed with the latest technologies to ensure optimum comfort.

- Full front panel
- 3 dimensional round design



EZ Installation & SVC

- 6 Way Pipe Installation
6 way connectable pipe offers the flexible installation.
- Sliding-Type PCB at control box
It offers easy access to slide in and out the PCB.



Ez-Remote Controller

- User Friendly & Modern Design and Easy use!!
- Comfortable to grab
- Sliding type
- Bigger size button
- Highlighted some buttons with different colors
- Easy to recognize functions withgraphics



DC Inverter

- CQ09
- CQ12
- CQ18



UU09W/UU12W

UU18W

Specifications

Indoor Unit

	CQ09 NA0		CQ12 NA0		CQ18 NA0	
Nominal Capacity (Min-Rating-Max)	Cooling Btu/h kw	4,439-8,707-11,609 1.3-2.55-3.4	4,644-10,585-14,341 1.36-3.1-4.2	4,644-11,950-12,770 1.36-3.5-3.74	6,829-15,706-18,779 2.0-4.6-5.5	
Heating Btu/h kw				5,463-13,658-15,023 1.6-4.0-4.4	7,512-17,072-20,487 2.2-5.0-6.0	
Nominal Input(Rated)	Cooling kw	0.65	0.74	1.06	1.49	
Heating kw				1.08	1.46	
Running Current Cooling/Heating	A	0.2	0.2	0.2	0.2	
Power Supply	φ/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
EER	Cooling kw/kw	4.02		3.3	3.09	
COP	Cooling kw/kw	4.19		3.7	3.43	
Operational Temperature Range	Cooling °C	-10-43	-10-43	-10-43	-10-43	
	Heating °C	-15-24	-15-24	-15-24	-15-24	
Air Flow Rate(H/M/L)	CMM CFM	81.6/5.5/2 286/230/184	81.6/5.5/2 286/230/184	81.6/5.5/2 286/230/184	101.8/6.7/2 357/304/254	
Sound Level(H/M/L/L)	Sound Pressure dB(A)±3	38/32/27/22	38/32/27/22	39/32/27/23	44/39/35/32	
Dimensions(W*H*D)	Body mm(inch)	700×600×210	700×600×210	700×600×210	700×600×210	
	Decorative Panel mm(inch)	696×786×286	696×786×286	696×786×286	696×786×286	
Weight	Body kg	13.8	13.8	13.8	13.8	
	Gross Weight kg	16	16	16	16	
Piping connection	Liquid Gas mm(inch)	6.35(1/4) 9.52(3/8)	6.35(1/4)	6.35(1/4)	6.35(1/4)	
		9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)	

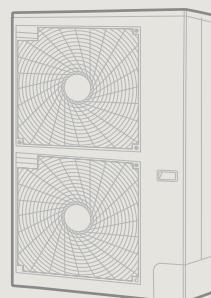
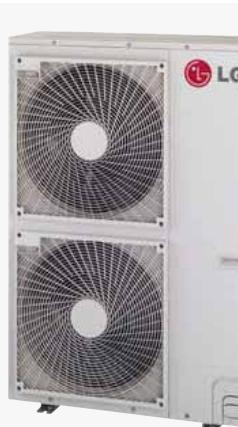
Outdoor Unit

	UU09W ULD		UU12W ULD		UU18W UED	
Compressor	Type	Rotary	Rotary	e - Scroll		
Refrigerant Charge	Charge* Type	1000 (35.27) R410A	1000 (35.27) R410A	1300(45.86) R410A		
Fan	Discharge Side/Top	Side Discharge	Side Discharge	Side Discharge		
Noise Level(H/L)	Sound Press,1m dB(A)±3	48/42	48/42	51/45		
Dimensions	W*H*D mm (inch)	770×540×245 (30.3×21.3×9.9)	770×540×245 (30.3×21.3×9.9)	870×655×320 (34.3×25.8×12.6)		
Net Weight	Outdoor kg(lbs)	32(71)	32(71)	46(101)		
	Liquid mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)		
Piping connections	Gas mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)		
Power Supply(Cable(includes earth))	No.*mm ²	3x1.5	3x1.5	3x2.5		
Interunit Cable(includes earth)	No.*mm ²	4x0.75	4x0.75	4x0.75		
Max. Piping Length/Elevation	m	15/10	15/10	40/30		
Power Supply	φ/V/Hz	1,220-240/50	1,220-240/50	1,220-240/50		
Running Current	Cooling/Heating A	4.0/4.1	5.0/5.1	7.0/7.1		
Air Circulation	CMM	26	26	50		
Additional Refrigerant Charge (Over 7.5m)	g/m	20	20	25		

Note : Due to our policy of innovation some specifications may be changed without notification.

Synchro operation

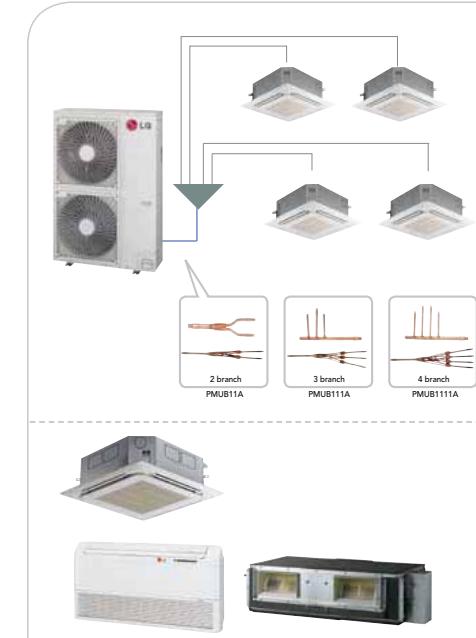
It offers very useful solution for economic customer because it uses 2,3 or 4 indoor units with one outdoor unit. Each indoor units are running as one cycle with same mode(cooling or heating). It helps same air distribution all around the middle or larger room(office or open places) even in irregular shaped spaces.



Synchro

- Simultaneously On/Off (1 Cycle)
- Connectable up to 4 indoor units
- Only using simple branch piping
- H-Inverter : 10.0/12.5/13.4 kW
- DC Inverter : 12.5/14.0/15.0 kW
- 3Phase DC Inverter : 12.5/14.0/15.0 kW

- High Efficiency & Low Noise
- Choice of various indoor type



Synchro
operation

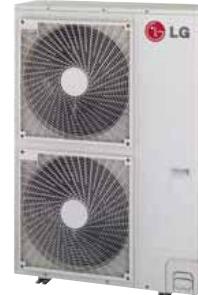
Synchro operation

High Efficiency Inverter



H-Inverter

- UU36WH
- UU42WH
- UU48WH



DC Inverter

- UU42W
- UU48W
- UU60W



Specifications

Outdoor Unit

	UU36WH u31	UU42WH u31	UU48WH u31
Nominal Capacity (Min-Rated-Max)	Cooling kW Heating Btu/h	"Synchro application (simultaneous operation).	"Synchro application (simultaneous operation).
Normal Input (Min-Rated-Max)	Cooling kW Heating kW	Refer to combination table. *	Refer to combination table. *
Running Current	Cooling/Heating A	11.5/11.3	16.8/15
Power supply	φ V/Hz	1/220-240/50	1/220-240/50
Dimensions	W*H*D mm(inch)	840×288×840 (33.1×11.3×33.1)	840×288×840 (33.1×11.3×33.1)
Net Weight	Outdoor kg(lbs)	950×25×950(37.4×1.0×37.4)	950×25×950(37.4×1.0×37.4)
Refrigerant	Charge* g(oz)	103(227)	103(227)
Air Circulation	CMM(CFM)	3600(127)	3600(127)
Noise Level(H/L)	Sound Press,1m dB(A)±3	55(1942)×2	55(1942)×2
SVC Valve	Liquid mm (inch)	9.52(3/8)	9.52(3/8)
Gas	mm (inch)	15.88(5/8)	15.88(5/8)
Max. Interunit	Total Piping(Main+Total Branch) m	80	80
Piping Length	Main Piping m	45	45
	Total Branch Piping m	40	40
	Each Branch Piping m	15	15
Max. Installation	Indoor Unit-Outdoor Unit m	30	30
Height Difference	Indoor Unit-Indoor Unit m	1	1

Indoor Unit

UT12H/UT18H/UT24H N*1 UB18H/UB24H N*1

Nominal Capacity (Min-Rating-Max)	Cooling Btu/h	W
	Heating Btu/hr	W
Nominal Input (Min-Rating-Max)	Cooling W	W
	Heating W	W
E.E.R.	W/W	
C.O.P.	W/W	-10~43
Operational Temperature Range(Outdoor)	Cooling °C	-15~24
	Heating °C	

Note : Due to our policy of innovation some specifications may be changed without notification.

Specifications

Outdoor Unit

	UU42W u3D	UU48W u3D	UU60W u3D
Nominal Capacity (Min-Rated-Max)	Cooling kW Heating Btu/h	"Synchro application (simultaneous operation).	"Synchro application (simultaneous operation).
Normal Input (Min-Rated-Max)	Cooling kW Heating kW	Refer to combination table. *	Refer to combination table. *
Running Current	Cooling/Heating A	17.7/16.7	20.5/20.5
Power supply	φ V/Hz	1, 220-240, 50	1, 220-240, 50
Dimensions	W*H*D mm(inch)	950×1380×330 (37.4×54.3×13.0)	950×1380×330 (37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs)	103(227)	103(227)
Refrigerant	Charge* g(oz)	3600(127)	3600(127)
Air Circulation	CMM(CFM)	55(1942) X 2	55(1942) X 2
Noise Level(H/L)	Sound Press,1m dB(A)±3	55/51	55/51
SVC Valve	Liquid mm (inch)	9.52(3/8)	9.52(3/8)
Gas	mm (inch)	15.88(5/8)	15.88(5/8)
Max. Interunit	Total Piping(Main+Total Branch) m	80	80
Piping Length	Main Piping m	40	40
	Total Branch Piping m	40	40
	Each Branch Piping m	10	10
Max. Installation	Indoor Unit-Outdoor Unit m	30	30
Height Difference	Indoor Unit-Indoor Unit m	1	1

Indoor Unit

UT12/UT18/UT24/UT30 N*D UV18/UV24/UV30/UB18/UB24/UB30 N*D

Nominal Capacity (Min-Rating-Max)	Cooling Btu/h	W
	Heating Btu/hr	W
Nominal Input (Min-Rating-Max)	Cooling W	W
	Heating W	W
E.E.R.	W/W	
C.O.P.	W/W	-10~43
Operational Temperature Range(Outdoor)	Cooling °C	-15~24
	Heating °C	

Note : Due to our policy of innovation some specifications may be changed without notification.

Synchro operation_Combination Table

Combination Table



3Phase DC Inverter



- UU43W
- UU49W
- UU61W

Specifications

Outdoor Unit

	UU43W U3D	UU49W U3D	UU61W U3D	
Nominal Capacity (Min-Rated-Max)	Cooling kW Heating Btu/h	*Synchro application (simultaneous operation). Refer to combination table.*	*Synchro application (simultaneous operation). Refer to combination table.*	*Synchro application (simultaneous operation). Refer to combination table.*
Nominal Input (Min-Rated-Max)	Cooling kW Heating kW			
Running Current	Cooling/Heating A	4.09/4.28	4.98/5.23	5.91/5.79
Power Supply	φ V/Hz	3,380~415, 50	3,380~415, 50	3,380~415, 50
Dimensions	W*H*D mm(minch)	950×1380×330 (37.4×54.3×13.0)	950×1380×330 (37.4×54.3×13.0)	950×1380×330 (37.4×54.3×13.0)
Net Weight	Outdoor kg(lbs)	103(227)	103(227)	103(227)
Refrigerant	Charge* g(oz)	3600(127)	3600(127)	3600(127)
Air Circulation	CMM(CFM)	55(1942)×2	55(1942)×2	55(1942)×2
Noise Level(dB/L)	Sound Press,1m dB(A)±3	55/51	55/51	55/51
SVC Valve	Liquid mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Gas	mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch) m	80	80	80
	Main Piping m	40	40	40
	Total Branch Piping m	40	40	40
	Each Branch Piping m	10	10	10
Max. Installation Height Difference	Indoor Unit-Outdoor Unit m	30	30	30
	Indoor Unit-Indoor Unit m	1	1	1

Indoor Unit

UT12/UT18/UT24/UT30 N*D UV18/UV24/UV30/UB18/UB24/UB30 N*D

Nominal Capacity (Min-Rating-Max)	Cooling W	Btu/h
	Heating W	
Nominal Input (Min-Rating-Max)	Cooling W	
	Heating W	
E.E.R.	W/W	
C.O.P.	W/W	-10~43
Operational Temperature Range(Outdoor)	Cooling °C	
	Heating °C	-15~24

Synchro application(simultaneous operation).
Refer to each indoor unit specification.
*Below functions are not available for Synchro Operation
- Group Control, Zone Control, Dry Contact and Auto Changeover

Note : Due to our policy of innovation some specifications may be changed without notification.

Combination Table

		Possible combination of indoor units										
		Installation scene										
IDU :	INDOOR UNIT ODU :	Duo			Trio			Quartet				
		IDU	BD	IDU	IDU	BD	IDU	IDU	IDU	IDU		
OUTDOOR UNITS	Capacity (kW)	Cooling	Heating	Cassette	Duct	Ceiling & Floor	Cassette	Duct	Ceiling & Floor	Cassette	Duct	Ceiling & Floor
UU36WH U31	10.0	11.2	UT18H.NP1 *2	UB18H.NG1 *2	-	UT12H.NP1 *3	-	-	-	-	-	-
UU42WH U31	12.5	14.0	UT21H.NN1 *2	UB21H.NG1 *2	-	UT18H.NP1 *3	UB18H.NG1 *3	-	-	UT12H.NP1 *4	-	-
UU48WH U31	13.4	15.5	UT24H.NN1 *2	UB24H.NG1 *2	-	UT18H.NP1 *3	UB18H.NG1 *3	-	-	UT12H.NP1 *4	-	-
UU42WH U3D	12.5	14.0	UT24 NPD *2	UB24 NHD *2	UV24 NBD *2	UT18 NCD *3	UB18 NHD *3	UV18 NBD *3	UT12 NRD *4	-	-	-
UU43WH U3D	12.5	14.0	UT24 NPD *2	UB24 NHD *2	UV24 NBD *2	UT18 NCD *3	UB18 NHD *3	UV18 NBD *3	UT12 NRD *4	-	-	-
UU48WH U3D	14.0	16.0	UT24 NPD *2	UB24 NHD *2	UV24 NBD *2	UT18 NQD *3	UB18 NHD *3	UV18 NBD *3	UT12 NRD *4	-	-	-
UU60WH U3D	15.0	17.0	UT30 NPD *2	UB30 NGD *2	UV30 NBD *2	UT18 NQD *3	UB18 NHD *3	UV18 NBD *3	UT12 NRD *4	-	-	-
UU61WH U3D	15.0	17.0	UT30 NPD *2	UB30 NGD *2	UV30 NBD *2	UT18 NQD *3	UB18 NHD *3	UV18 NBD *3	UT12 NRD *4	-	-	-
Applied Accessories	Wired remote controller*			PVRCUSZ0			PVRCUSZ0			PMUB111A		
	BD unit			PMUB11A			PMUB111A			PMUB1111A		
	Simple central controller**			PQCSB101SO			PQCSB101SO			PQCS10150		
	Function controller**			PQCS10150			PQCS10150			PQCS10150		

* When install ceiling and floor type synchro combinations, You must use wired remote controller " PVRCUSZ0"

* In case of cassette or duct type synchro combinations, You can use only one wired remote controller included in the indoor units.

** When using synchro operation,

- Do not use wireless remote controller.
- Use only one wired remote controller in the indoor units.
- Use central controller and function controller "PQCSB101SO & PQCS10150" only.

Additional Refrigerant Charge

= Plz refer to PDB or Installation manual

Branch Pipe

Model Outdoor	Indoor	Indoor Capacity Ratio(%)
PMUB11A	2 units	50:50 (1:1)
PMUB111A	3 units	33:33:33 (1:1:1)
PMUB1111A	4 units	25:25:25:25 (1:1:1:1)

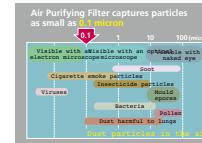
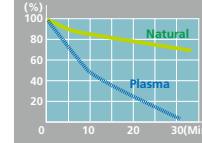
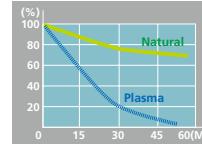
Floor Standing

This is a floor standing type that blends in perfectly with the surrounding decoration. Clean and fresh air conditioning is ensured with a high level of cooling or heating performance and air purifying operation.



PLASMA Air Purifying System

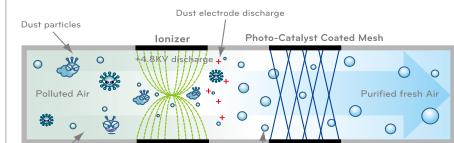
The PLASMA Air Purifying System within the air conditioner removes microscopic contaminants and dust to eliminate offensive odors and prevent allergic reactions. It can also be used as an air-purifying unit even though the air-cooling function is off.



Dust Reduction
Respirable particles from 5 cigarettes in a sealed room removed by LG Plasma Air Purifying System.

Deodorization
LG's Plasma unit effectively removes high concentration tobacco odors confirmed in Sensory tests of odor index carried out in Korea and Japan.

Anti-Allergy In clinical tests, the plasma unit has earned a satasification ratio of 82%. Evaluated by CSIRO Australia (DBCE Doc 98/204) Tested by Korean Food Research Institute and Japanese Environmental Centre and Yonsei Univ. College of Medicine. (Allergy Research Lab.)



Anti-Bacteria Filter

It removes dust in the air as well as bacteria proliferation, making the indoor atmosphere healthy

4-Way Auto Swing (P03AH/P05AH)

Hot or cold air can be evenly distributed throughout the room as the auto swing function blows air in 4 directions.



Touch Screen Panel

Child Lock Function

This function prevents children or others from tampering with the control buttons on the unit. It is then controlled by the remote controller.

- All the buttons on indoor display panel will be blocked.
- The unit will be controlled only by remote controller.

Duct Operation (P08AH only)

Depending on the room size and shape, if the unit is installed in a Duct-type manner you are able to cool more air at the same time to save energy.



Floor Standing

Floor Standing



Specifications

Indoor Unit		
Capacity	Cooling	Btu/h
	W	27,800
Input	Heating	Btu/h
	W	27,800
Running Current	Electric Heater	W
	W	8,140
Power Supply	Cooling	W
	Heating	W
EER	Electric Heater	W
	W	2,000
Operational Temperature Range	Cooling	°C
	Heating	°C
Air Flow Rate(H/M/L)	CMM	19/16/13
	CFM	671/565/459
Sound Level(H/M/L)	Sound Press, 1m	dB(A)±3
	W/W	50/45/40
Dehumidification Rate	I/h	570×1820×317(22.4×71.7×12.5)
	W/W	3.3
Dimensions(W*H*D)	Body	mm(inch)
	Weight	kg(lbs)
Piping Connections	Liquid	9.52 (3/8)
	Gas	15.88 (5/8)

Outdoor Unit		
Power Supply	o/V/Hz	
	1/220-240/50	R410A
Fan	Type	Side/Top
	Discharge	Side Discharge
Air Circulation	CMM	58
	CFM	2,048
Noise Level(H/L)	Sound Press, 1m	dB(A)±3
	W/H/D	58
Dimensions	Body	870×800×320(34.3×31.5×12.6)
	Net Weight	kg(lbs)
Piping Connections	Liquid	9.52 (3/8)
	Gas	15.88 (5/8)
Piping Length(Maximum)	m	30
Interunit Level difference(Maximum)	m	20

Note : Due to our policy of innovation some specifications may be changed without notification.



Specifications

Indoor Unit		
Capacity	Cooling	Btu/h
	W	46,000
Input	Heating	Btu/h
	W	13,480
Running Current	Electric Heater	W
	W	4,000
Power Supply	Cooling	W
	Heating	W
EER	Electric Heater	W
	W	5,300
Operational Temperature Range	Cooling	°C
	Heating	-5~+48
Air Flow Rate(H/M/L)	CMM	19/16/13
	CFM	30/28/26
Sound Level(H/M/L)	Sound Press, 1m	dB(A)±3
	W/W	1,060/989/918
Dehumidification Rate	I/h	57/48
	W/W	2.86
Dimensions(W*H*D)	Body	590×1,850×440(23.2×72.8×17.3)
	Weight	kg(lbs)
Piping Connections	Liquid	9.52 (3/8)
	Gas	19.05 (3/4)

Outdoor Unit		
Power Supply	o/V/Hz	
	3/380-415/50	R410A
Fan	Type	Side/Top
	Discharge	Side Discharge
Air Circulation	CMM	104
	CFM	3,673
Noise Level(H/L)	Sound Press, 1m	dB(A)±3
	W/H/D	58
Dimensions	Body	900×1160×370(35.4×45.7×14.6)
	Net Weight	kg(lbs)
Piping Connections	Liquid	9.52 (3/8)
	Gas	19.05 (3/4)
Piping Length(Maximum)	m	40
Interunit Level difference(Maximum)	m	25

Note : Due to our policy of innovation some specifications may be changed without notification.

Indoor Unit		
Capacity	Cooling	Btu/h
	W	68,200
Input	Heating	Btu/h
	W	20,000
Running Current	Electric Heater	W
	W	21,100
Power Supply	Cooling	W
	Heating	10,000
EER	Electric Heater	W
	W	7,000
Operational Temperature Range	Cooling	°C
	Heating	6,000
Air Flow Rate(H/M/L)	CMM	10,000
	CFM	12,000
Sound Level(H/M/L)	Sound Press, 1m	dB(A)±3
	W/W	1,020/945/875
Dehumidification Rate	I/h	8.1
	W/W	1,050×1,880×495(41.3×74.0×19.5)
Dimensions	Body	mm(inch)
	Weight	kg(lbs)
Piping Connections	Liquid	9.52 (3/8)
	Gas	19.05 (3/4)

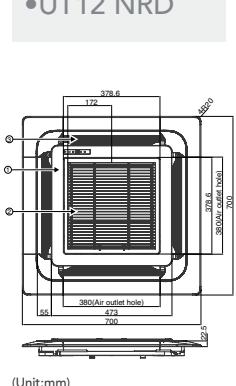
Note : Due to our policy of innovation some specifications may be changed without notification.

Indoor Unit		
Capacity	Cooling	Btu/h
	W	68,200
Input	Heating	Btu/h
	W	20,000
Running Current	Electric Heater	W
	W	21,100
Power Supply	Cooling	W
	Heating	10,000
EER	Electric Heater	W
	W	7,000
Operational Temperature Range	Cooling	°C
	Heating	6,000
Air Flow Rate(H/M/L)	CMM	10,000
	CFM	12,000
Sound Level(H/M/L)	Sound Press, 1m	dB(A)±3
	W/W	1,020/945/875
Dehumidification Rate	I/h	8.1
	W/W	1,050×1,880×495(41.3×74.0×19.5)
Dimensions	Body	mm(inch)
	Weight	kg(lbs)
Piping Connections	Liquid	9.52 (3/8)
	Gas	19.05 (3/4)

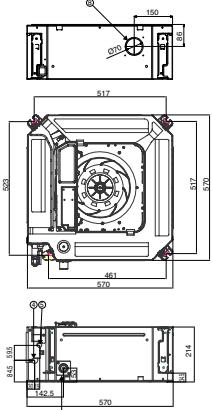
Note : Due to our policy of innovation some specifications may be changed without notification.

Dimensions _ Ceiling Cassette

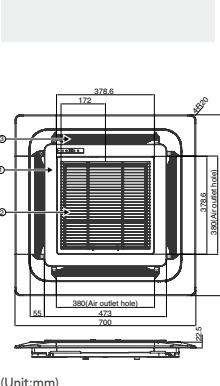
- UT09 NRD
- UT12 NRD



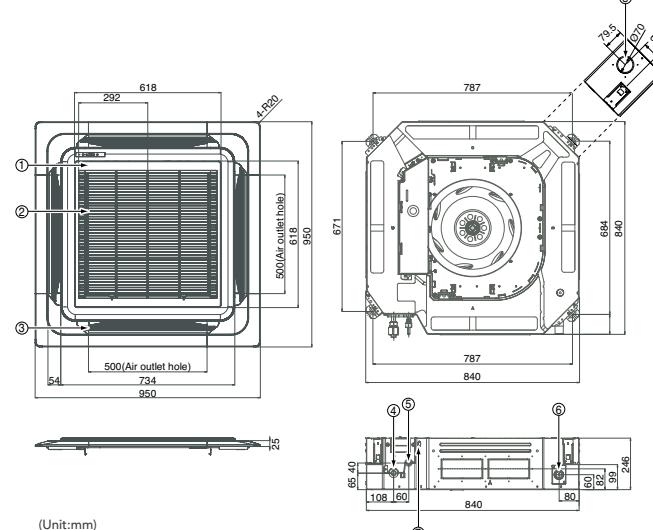
No.	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



- UT18 NQD

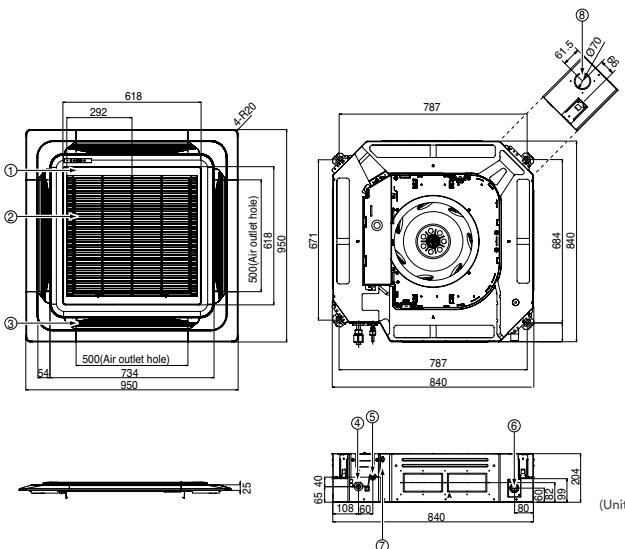


No.	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



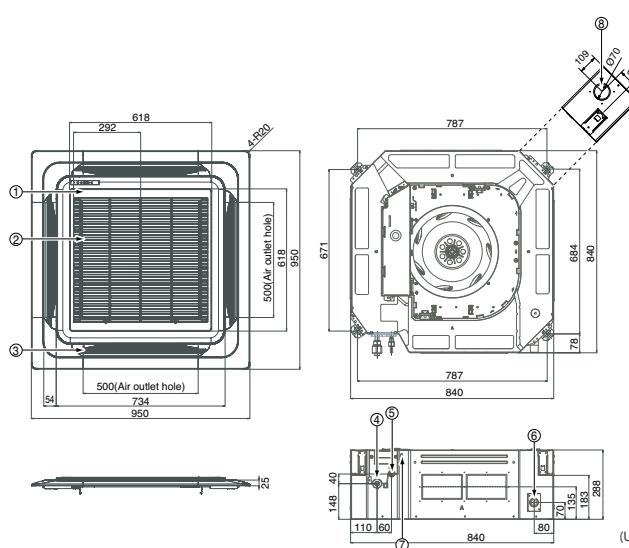
- UT36 NND
- UT21H NN1
- UT24H NN1

No.	Part Name
1	Decoration panel (PT-UMC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



- UT24 NPD
- UT30 NPD
- UT12H NP1
- UT18H NP1

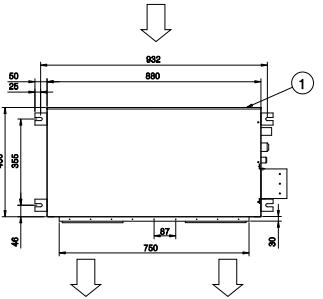
No.	Part Name
1	Decoration panel (PT-UMC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



- UT42 NMD
- UT48 NMD
- UT60 NMD
- UT36H NM1
- UT42H NM1
- UT48H NM1

No.	Part Name
1	Decoration panel (PT-UMC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)

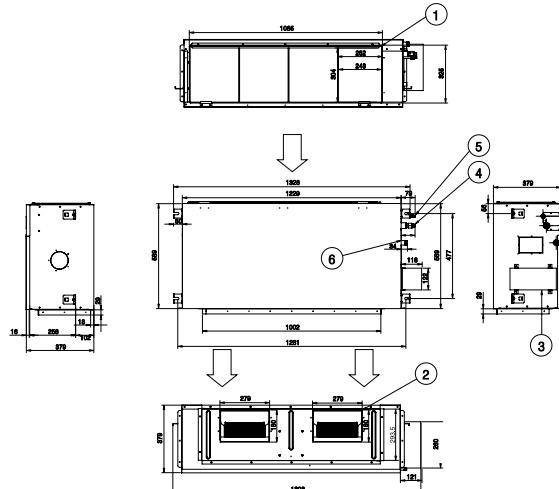
Dimensions _ Ceiling Concealed Duct



- UB18 NHD
- UB24 NHD

No.	Part Name
1	Air suction flange
2	Air discharge flange
3	Control box
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection

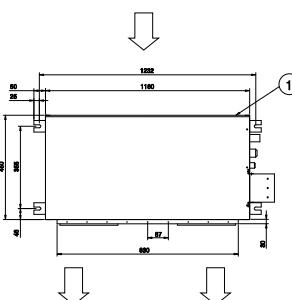
(Unit:mm)



- UB42 NRD
- UB48 NRD
- UB60 NRD
- UB36H NR1
- UB42H NR1
- UB48H NR1

No.	Part Name
1	Air suction flange
2	Air discharge flange
3	Control box
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection

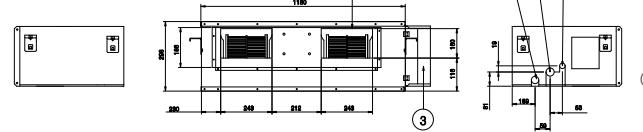
(Unit:mm)



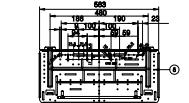
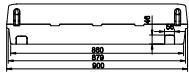
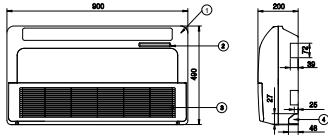
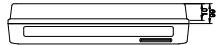
- UB30 NGD
- UB36 NGD
- UB18H NG1
- UB21H NG1
- UB24H NG1

No.	Part Name
1	Air suction flange
2	Air discharge flange
3	Control box
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection

(Unit:mm)



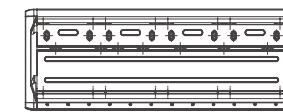
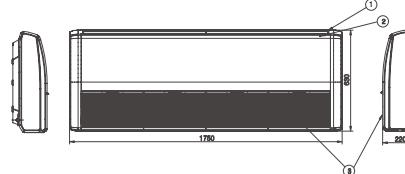
Dimensions _ Ceiling & Floor Ceiling Suspended



(Unit:mm)

•UV09 NED

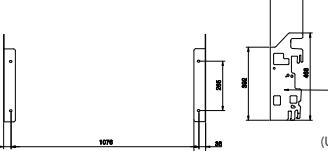
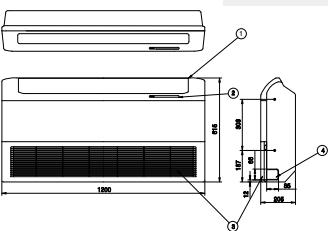
•UV12 NED



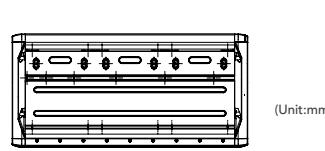
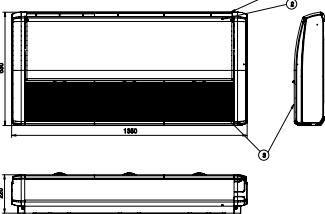
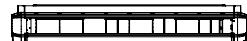
•UV42 NLD

•UV48 NLD

•UV60 NLD



•UV18 NBD
•UV24 NBD
•UV30 NBD

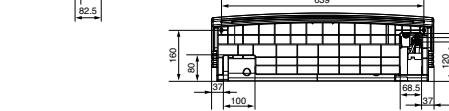
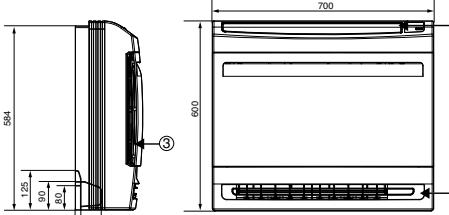
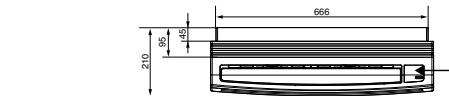


•UV36 NKD

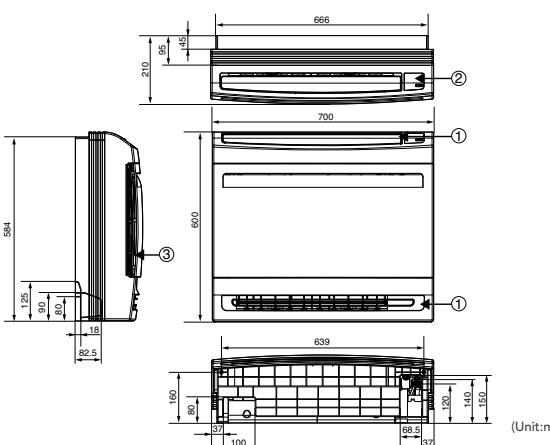
No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille
4	Knockout hole
5	Installation plate

No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille

Dimensions _ Console

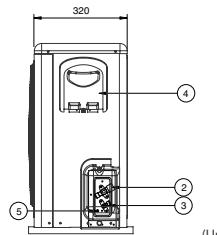
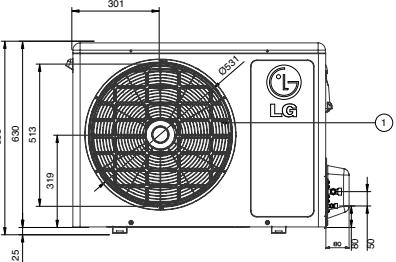
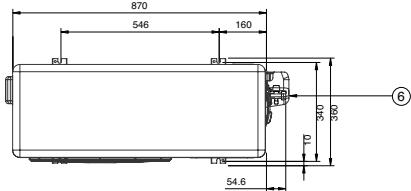


•CQ09 NA0
•CQ12 NA0
•CQ18 NA0



No.	Part Name
1	Front air discharge grille
2	Display & Signal receiver
3	Air suction grille

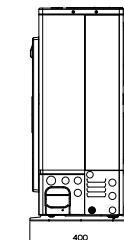
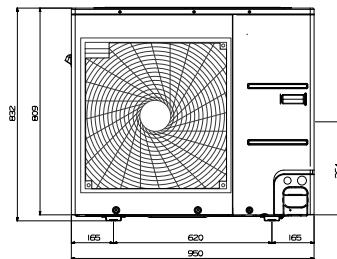
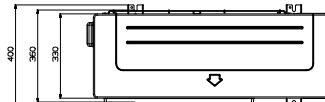
Dimensions _ Universal Outdoor



•UU12WH UE1

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

(Unit:mm)

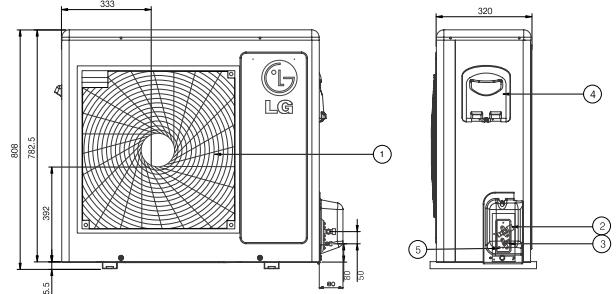
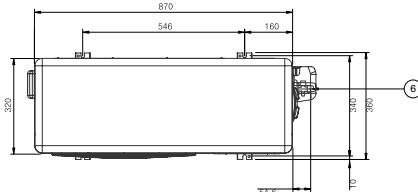


(Unit:mm)

•UU21WH U41

•UU24WH U41

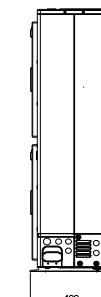
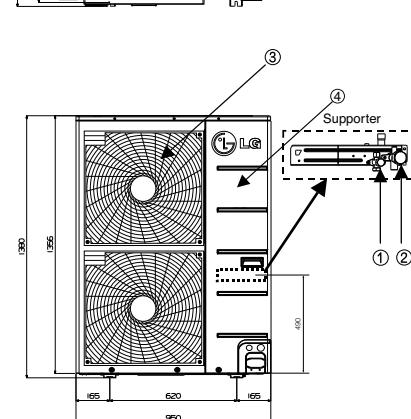
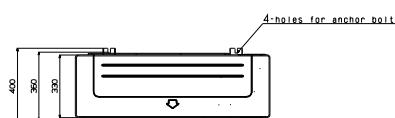
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw



•UU18WH NE1

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

(Unit:mm)



(Unit:mm)

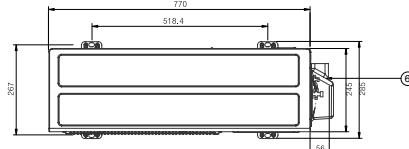
•UU36WH U31

•UU42WH U31

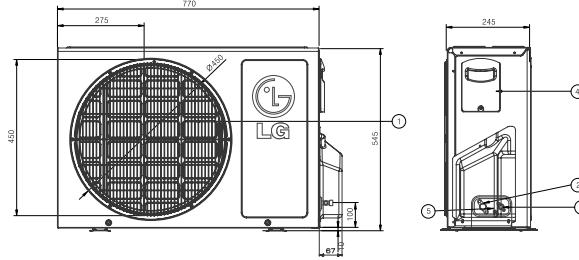
•UU48WH U31

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection

Dimensions _ Universal Outdoor

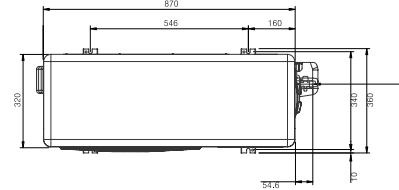


•UU09W ULD
•UU12W ULD

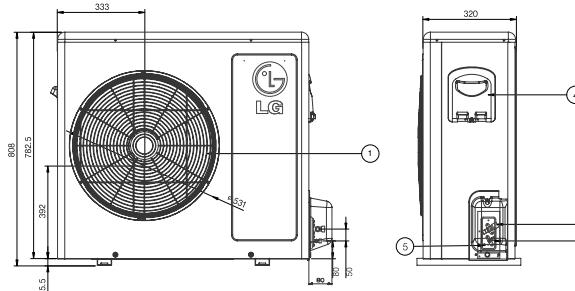


No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

(Unit:mm)

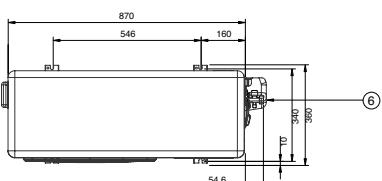


•UU24W UED
•UU30W UED

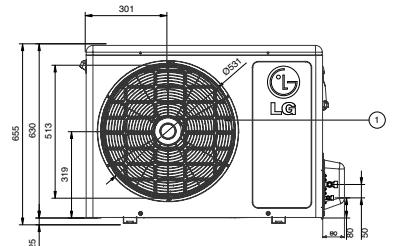


No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

(Unit:mm)

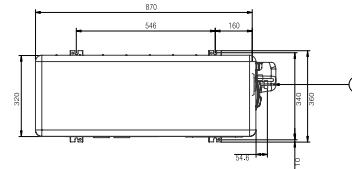


•UU18W UED

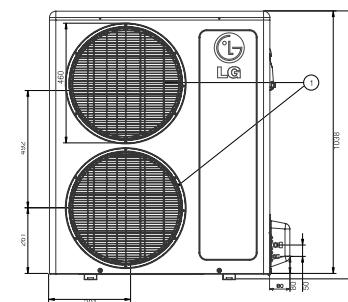


No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

(Unit:mm)



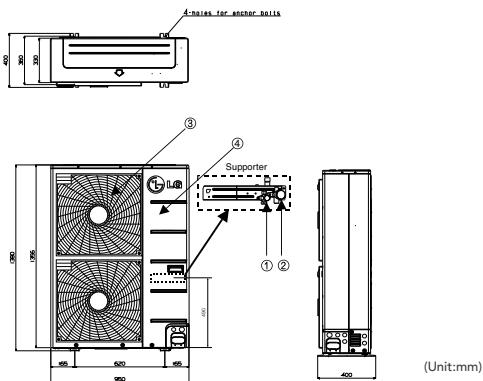
•UU36W UED
•UU37W UED



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

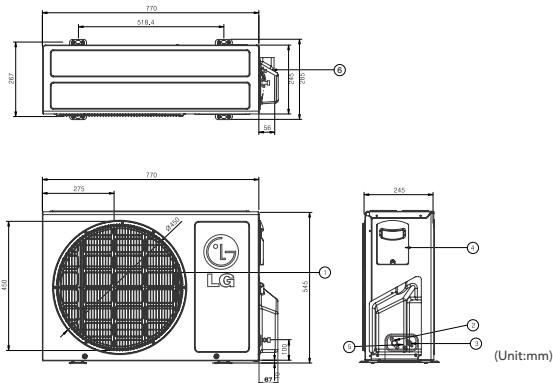
(Unit:mm)

Dimensions _ Universal Outdoor



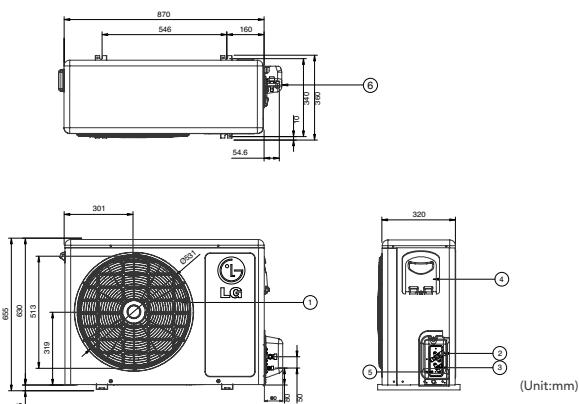
- UU42W U3D
- UU48W U3D
- UU60W U3D
- UU43W U3D
- UU49W U3D
- UU60W U3D

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



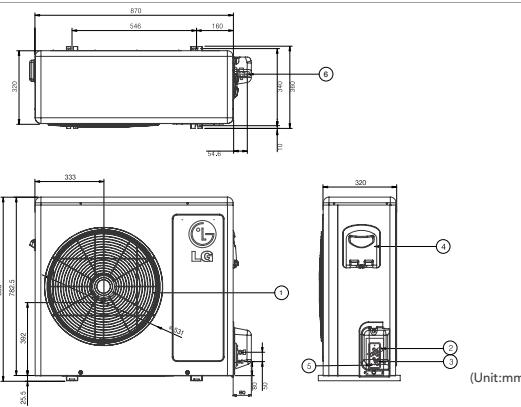
- UU12 ULD

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



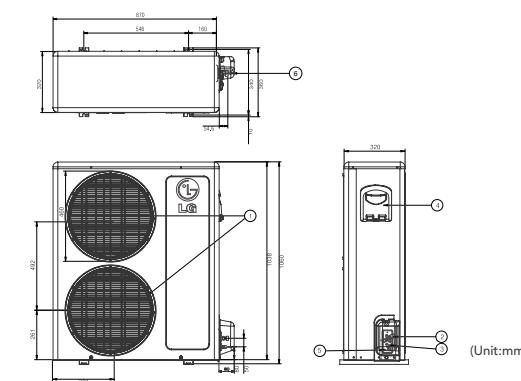
- UU18 UED

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



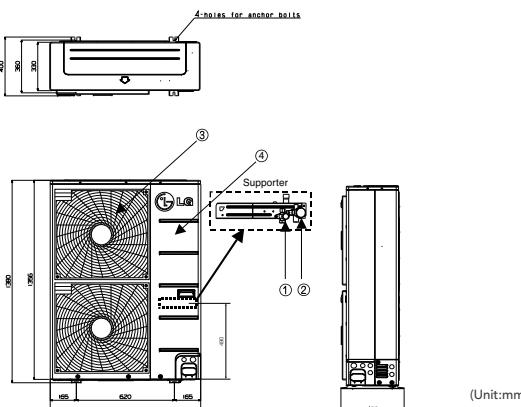
- UU24 UED
- UU30 UED

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



- UU37 UED

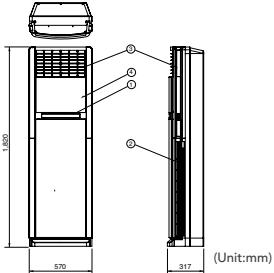
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



- UU48 U3D
- UU60 U3D

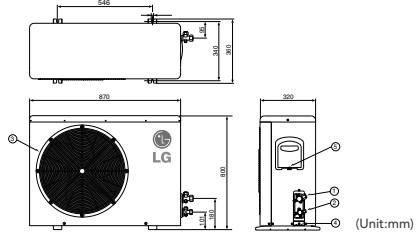
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection

Dimensions _ Floor Standing

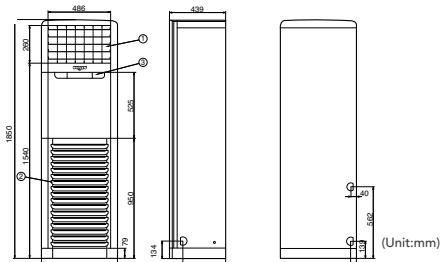


•P03AH NR1
•P03AH UR1

No.	Part Name
1	Control Display
2	Air outlet vent
3	Air inlet vent
4	Sliding Clean Door

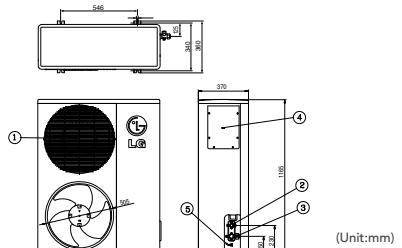


No.	Part Name
1	Gas side Service valve (Ø15.88)
2	Liquid side Service valve (ø9.52)
3	Fan cover
4	Earth screw
5	Connecting cable hole

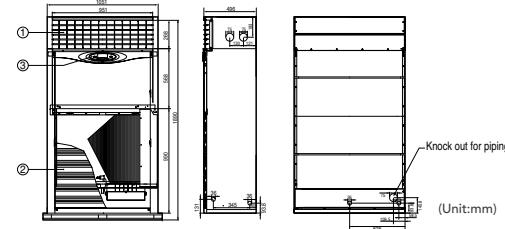


•P05AH NT0
•P05AH UT0

No.	Part Name
1	Air outlet vent
2	Air inlet vent
3	Control display

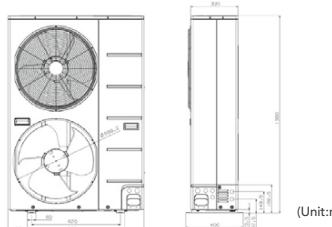


No.	Part Name
1	Air Outlet Vent
2	Liquid side Service valve (ø9.52)
3	Gas side Service valve (Ø19.05)
4	Control Box
5	Earth screw



•P08AH NF1
•P08AH UF1

No.	Part Name
1	Air outlet vent
2	Air inlet vent
3	Control Display



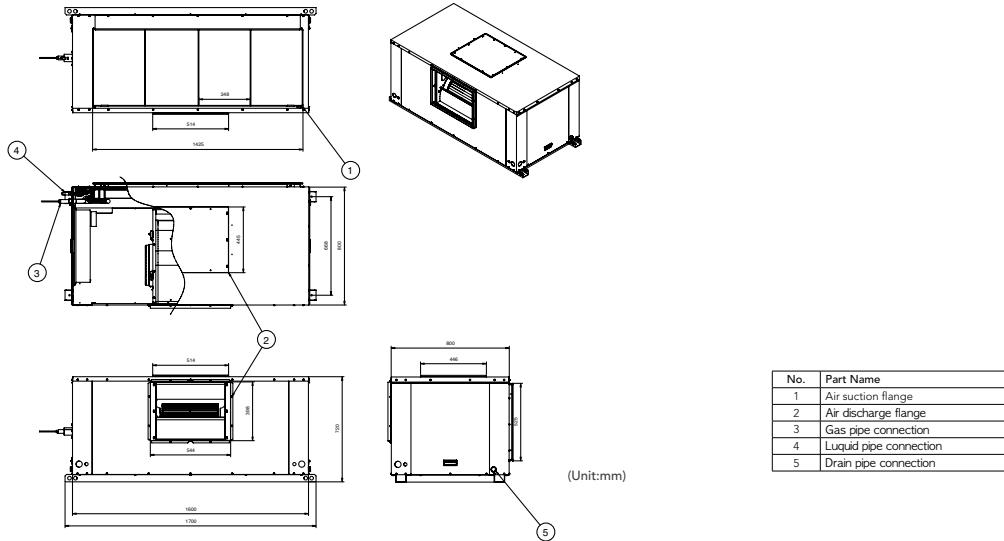
No.	Part Name
1	Gas side Service valve (Ø19.05)
2	Liquid side Service valve (ø9.52)
3	Fan cover
4	Control panel
5	Connecting cable hole

Dimensions _ Big Duct

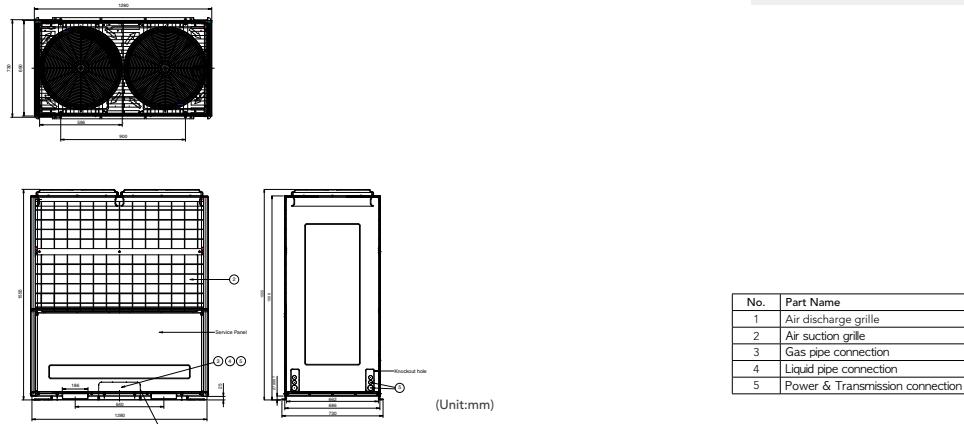
Multi Split

LG Multi Split system is an advanced air conditioning system of superior quality that has the ability to operate at different temperatures and fan speeds in individual rooms. The multi split system can be made up of large indoor units for living areas and small indoor units for bedrooms, all operated from the one common outdoor unit.

•UW120 NV0



•UW120 UV0



Multi Split

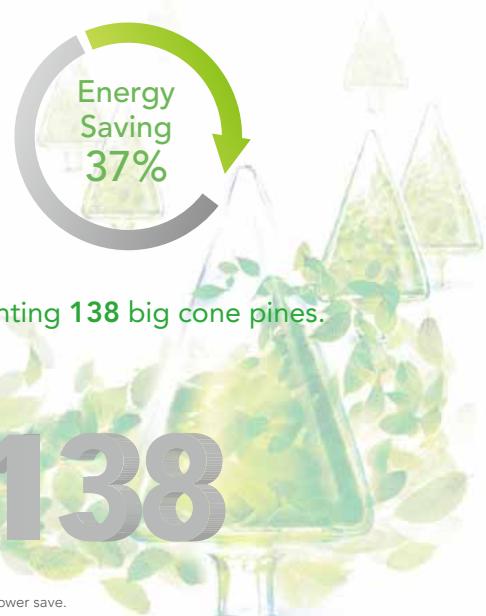
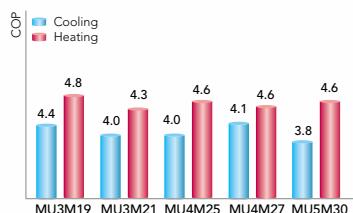
Multi Split

High Efficiency Multi

1 High COP & Energy Saving

Top Class Energy Efficiency

In 2010, LG Inv. Multi New Model has Top class Energy Efficiency Model using LG BLDC Compressor, BLDC motor, high efficiency heat exchanger.



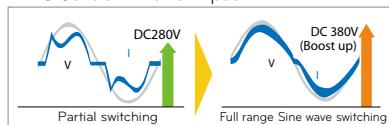
1) KFRI(Korea Forest Research Institute) calculated based on annual power save.
(Assumption : Using AC 4hr/day, 365days)
2) Energy saving 37% was compared with LG Non-inverter model

DC Inverter Technology

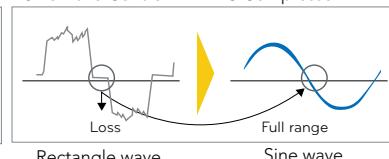
With the advancement of inverter technology comes more silent, economical and powerful air conditioning systems.
The LG air conditioner is manufactured using the PFC and the sine wave technology.

Step-up Inverter by the PFC & the Sine Wave Control Technology
(PFC : Power Factor Correction) compared to conventional.

PFC Control in Power Input



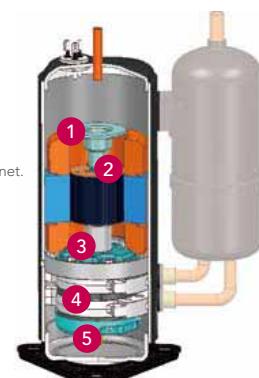
Sine wave Control in BLDC Compressor



Powerful BLDC Compressor

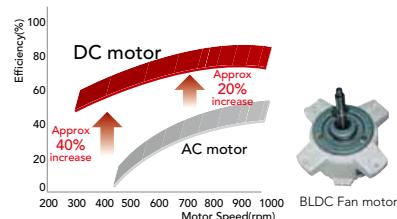
The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with AC inverter.

- ① Minimized Oil circulation
- ② High Efficiency Motor
- ③ Optimize Compression Eff.
- ④ Optimize Vibration, Noise
- ⑤ High Reliability



BLDC Fan Technology

BLDC Fan motor offers additional energy saving in operating mode. Compared with AC motors, BLDC Fan motor can cut energy by 35% at full velocity.



Prevent Oil Discharge at High Hz !

For keeping Oil level in high Hz , Improved Oil circulation system So.
LG inv. Multi can have high reliability system

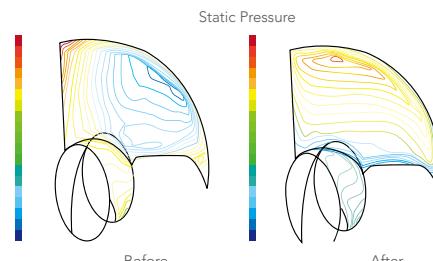


Axial Fan

3 Step Axial fan shape can be available of high-efficient & low noise



Wide Louver tech



More Heat exchanger



Multi Split

2 Comfort Application

The Variety of Various Combination



For Reference Sites



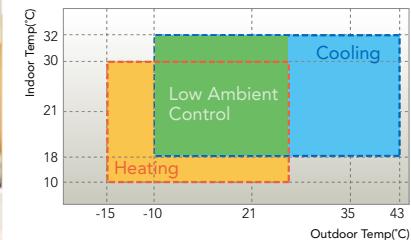
Available from 1.5kW

According to construction regulation, house wall is becoming thicker & to strengthen insulation, LG can provide right solution to small space.

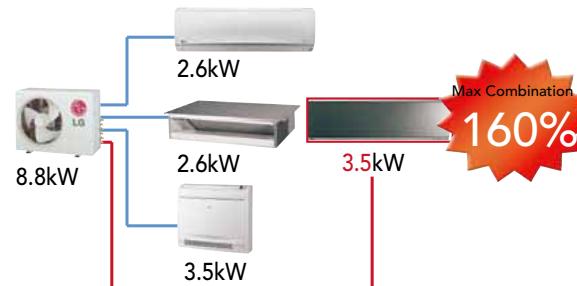


Wide Operating Range

When cooling computer rooms and other rooms in the event of low outdoor temperature, the BLDC inverter compressor and outdoor BLDC fan motor are used to adjust the air flow and volume, with a view to ensuring efficient operation by allowing the air conditioner to keep operating at -10°C without turning it off.



Indoor Capacity Combination



Multi Split

Long & High Elevation Piping

The FM56AH supports a piping length of up to 145m and high elevation of up to 30m for more flexibility in installation

*Multi Piping Type

Piping Length (m)	15/ 17k	19k/ 21k	25k/ 27k	30k	40k
Total	30	50	70	75	85
Max / Room	20	25	25	25	25
Allowable Elevation					
(Indoor-Outdoor)	15	15	15	15	15
(Indoor-Indoor)	7.5	7.5	7.5	7.5	7.5

*Distributor Box Type

Piping Length(m)	40k	48k	56k
Total Pipe (A+L1+L2+L3)	100	135	145
Main Pipe(A)	50	55	55
Total Branch Pipe (L1+L2+L3)	50	80	90
Each Branch Pipe	15	15	15
Allowable Elevation			
Indoor-Outdoor (B)	30	30	30
Indoor-Indoor (C)	15	15	15

Max 145m pipe run / 30m Elevation

Remove outdoor unit From Balcony and Move to car parking lot or Roof.

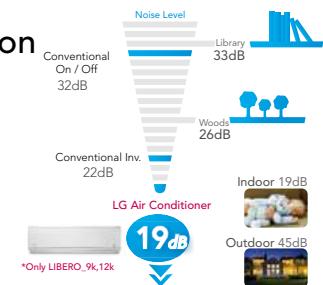
- Beauty care center
- Easy to get approval from council
- Avoid safety issue (Baby fall down from balcony)



3 Comfort Operation & Ez installation

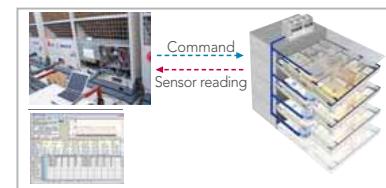
Improved Low Noise

The Inverter technology, the BLDC Motor technology, and LG's unique new Skew Fan technology have achieved the world's lowest noise level of 19dB. Thus, the Sleep mode will allow pleasant sleeping.

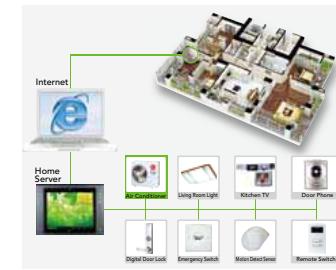


LG MV

- Easy start-up, easy trouble shooting
- Monitoring the normality of all parts such as compressor, fan, valve, etc



Available to link with home network



*LG does not supply home network. Only available to link.

Smart phone Solution for Operation monitoring & Trouble shooting

Smart phone connection

When faults have occurred, you can see the Error code during the check of indoor and outdoor units, select the Error code, and find solutions to each problem through Q&A. It is like the trouble shooting guide book embedded in the smart phone.

Operation Monitoring



Troubleshooting on Smart phone

1. Select Error Code
2. Easy Process
3. Service Action

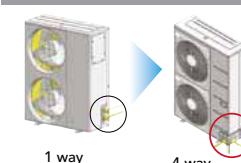


Easy to Service

Easy & efficient installation of outdoor unit will provide the best solution for small offices and shops.

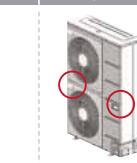
1. Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior



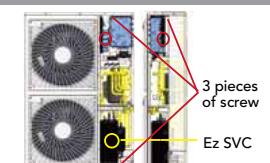
2. Convenient moving handle

- Fitted hand grips for easy transportation and installation



3. Compact Design & Ez SVC

- Remove 3 pieces of screw for SVC
- Front panel removal system



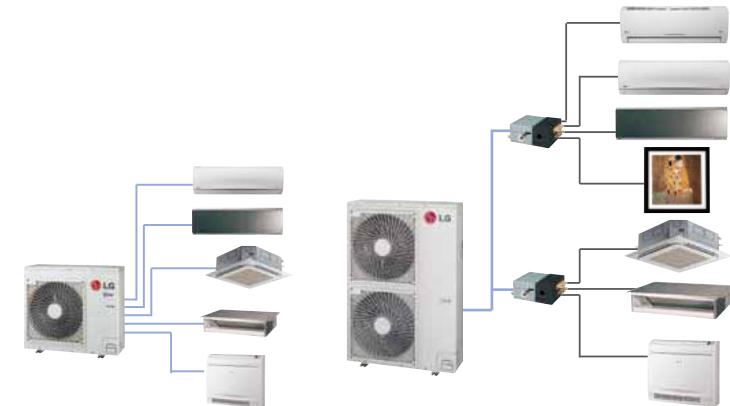
Multi Split



Wide Range

LG Multi systems provide various indoor units and outdoor units up to 16.4kW. More than 2,000 types of combinations are available using 15 outdoor units and 45 indoor units

Type Category	Multi Piping				DB Box Type			
	MU2M15 ULO MU2M17 ULO	MU3M19 UEO MU3M21 UEO MU4M25 UEO	MU4M27 U40 MU5M30 U40	MU5M40 UH0	FM40AH UH5	FM48AH U33 FM56AH U33	FM37AH UEO	FM41AH U33 FM49AH U33 FM57AH U33
Capacity KW(C/H)	4.1/4.7 4.7/5.3	5.3/6.3 6.2/7.0 7.0/8.4	7.9/9.1 8.8/10.1	11.7/13.5	11.7/13.5	15.5/16.4 16.7/17.9	9.7/11.1	13.5/14.1 15.5/16.4 16.7/17.9
Max. Indoor units	2 2	3 3 4	4 5	5	7	8 9	6	7 8 9
Phase	1ø	1ø	1ø	1ø	1ø	1ø	3ø	3ø



Free Combination with Various Indoor Types

Product Capacity Range (kBtu/kW)	Wall Mounted Type						Ceiling Cassette Type		Ceiling Concealed Duct Type		Console	Ceiling & Floor Type
	Wall Mounted	LIBERO	HERO	ART COOL Mirror	ART COOL Gallery	ART COOL Panel	1-way	4-way	Slim Duct	High		
5/1.5	MS05AH N40 •		CS05AF NH0 •					MT06AH NR0 •				
7/2.1	MS07AH N40 •	CS07AQ NB0 •	CS07AF NH0 •	CC07AW* NE3 •				MT08AH NR0 •				
9/2.6	MS09AH N40 •	CS09AQ NB0 •	CS09AF NH0 •	CC09AW* NE3 •	MA09AH1 NF1 •	MA09AH* NF1 •	MT09AH NC1 •	MT10AH NR0 •	MB09AHL N12 •		CQ09 NA0 •	MV09AH NE0 •
12/3.5	MS12AH N40 •	CS12AQ NB0 •	CS12AF NH0 •	CC12AW* NE3 •	MA12AH1 NF1 •	MA12AH* NF1 •	MT11AH NC1 •	MT12AH NR0 •	MB12AHL N12 •		CQ12 NA0 •	MV12AH NE0 •
18/5.3	MS18AH N50 •	CS18AQ NC0 •		CC18AW* N83 •				MT18AH NQ0 •	MB18AHL N22 •	MB18AH NH0 •	CQ18 NA0 •	MV18AH NB0 •
24/7.0	MS24AH N50 •	CS24AQ NC0 •		CC24AW* N83 •				MT24AH NP0 •	MB24AHL N22 •	MB24AH NH0 •		MV24AH NB0 •

ART COOL Note : * indicates color of panel

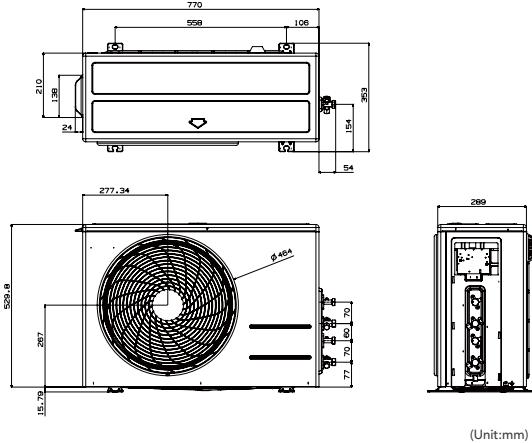
*Blue(B) *Mirror(R) *Silver(V) *Red(E) *Gold(G) *White Silver(H) *Gallery(1)

Multi Split _ MULTI

Specifications_ Outdoor Units



- MU2M15 ULO
- MU2M17 ULO



Model		MU2M15 ULO		MU2M17 ULO	
Nominal Capacity*	Cooling	Btu/h	4,600~14,000~16,000	4,600~14,000~17,500	
(Min.-Rated-Max)		kW	1.35~4.10~4.49	1.35~4.69~5.13	
Heating		Btu/h	4,800~16,000~18,000	4,800~18,000~19,500	
		kW	1.41~4.70~5.27	1.41~5.27~5.71	
Nominal Input*	Cooling	kW	0.38~1.07~1.70	0.41~1.38~1.83	
(Min.-Rated-Max)	Heating	kW	0.45~1.12~1.80	0.39~1.31~1.73	
Energy label		A/A	A/A	A/A	
Testing Combination		CS07AQ N80 × 2EA	CS09AQ N80 × 2EA		
Running Current	Cooling	A	1.6~4.9~7.6	1.6~6.13~8.04	
(Min.-Rated-Max)	Heating	A	1.7~5.1~8.2	1.7~5.88~7.51	
Power Supply		Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50	
Dimensions	W*H*D	mm(inch)	770×545×288 (30.3×21.5×11.3)	770×545×288 (30.3×21.3×11.3)	
Net Weight		kg(lbs)	35(77.2)	40(88.2)	
Max. Number of Connectable Indoor Units			2	2	
Refrigerant	Charge (at 7.5m)	g(oz)	1100(38.8)	1300(42.3)	
Air Flow Rate		CMM(CFM)	28.2(995)	28.2(995)	
Sound Level	Sound Pressure at 1m	dB(A)+3	50	50	
Piping connections	Liquid(e)	mm(inch)	6.35(1/4)×2EA	6.35(1/4)×2EA	
	Gas(e)	mm(inch)	9.52(3/8)×2EA	9.52(3/8)×2EA	
Max. Interunit	Total of Each Room	m	30	30	
Piping Length	For One Room	m	20	20	
Max. Elevation	Indoor Unit~Outdoor Unit	m	15	15	
	Indoor Unit~Indoor Unit	m	7.5	7.5	

Notes:

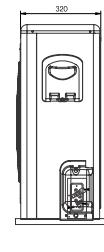
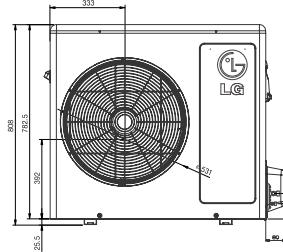
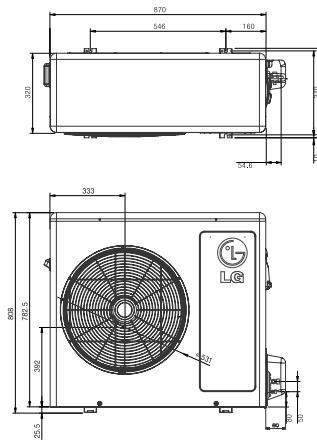
1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
- Piping Length - Indoor~Outdoor Piping Length 7.5m
- Level Difference of Zero.

2. * See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

Specifications_ Outdoor Units



- MU3M19 UE0
- MU3M21 UE0
- MU4M25 UE0



Model		MU3M19 UE0		MU3M21 UE0		MU4M25 UE0	
Nominal Capacity*	Cooling	Btu/h	4,600~18,000~21,600	6,300~21,000~25,000	6,300~24,000~29,000		
(Min.-Rated-Max)		kW	1.35~5.3~6.33	1.85~6.15~7.33	1.85~7.03~8.5		
Heating		Btu/h	4,800~21,600~24,800	7,560~24,000~26,500	7,560~28,000~32,000		
		kW	1.41~6.3~7.27	2.22~7.03~7.77	2.22~8.44~9.38		
Nominal Input*	Cooling	kW	0.38~1.20~2.37	0.72~1.53~2.94	0.72~1.75~3.09		
(Min.-Rated-Max)	Heating	kW	0.45~1.31~2.48	0.88~1.63~2.95	0.88~1.83~3.10		
Energy label		A/A	A/A	A/A	A/A		
Testing Combination		CS07AQ N80 × 3EA	CS07AQ N80 × 3EA	CS07AQ N80 × 4EA	CS07AQ N80 × 4EA		
Running Current	Cooling	A	1.7~5.23~10.3	3.1~6.65~12.7	3.1~7.65~13.4		
(Min.-Rated-Max)	Heating	A	2.0~5.7~10.8	3.8~7.1~12.8	3.8~8.0~13.5		
Power Supply		Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50	1 / 220~240 / 50		
Dimensions	W*H*D	mm(inch)	870×808×320 (34.3×31.8×12.6)	870×808×320 (34.3×31.8×12.6)	870×808×320 (34.3×31.8×12.6)		
Net Weight		kg(lbs)	58(128)	61(134)	61(134)		
Max. Number of Connectable Indoor Units			3	3	4		
Refrigerant	Charge (at 7.5m)	g(oz)	2100(74.1)	2300(81.13)	2300(81.13)		
Air Flow Rate		CMM(CFM)	53(1872)	53(1872)	53(1872)		
Sound Level	Sound Pressure at 1m	dB(A)+3	52	52	52		
Piping connections	Liquid(e)	mm(inch)	6.35(1/4)×3EA	6.35(1/4)×3EA	6.35(1/4)×4EA		
	Gas(e)	mm(inch)	9.52(3/8)×3EA	9.52(3/8)×3EA	9.52(3/8)×4EA		
Max. Interunit	Total of Each Room	m	50	50	70		
Piping Length	For One Room	m	25	25	25		
Max. Elevation	Indoor Unit~Outdoor Unit	m	15	15	15		
	Indoor Unit~Indoor Unit	m	7.5	7.5	7.5		

Notes:

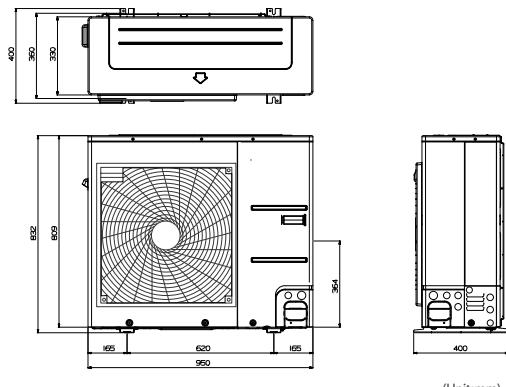
1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating: - Indoor Temperature 20°C (68°F) DB / 15°C(59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
- Piping Length - Indoor~Outdoor Piping Length 7.5m
- Level Difference of Zero.
2. * See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

Multi Split _ MULTI

Specifications_ Outdoor Units



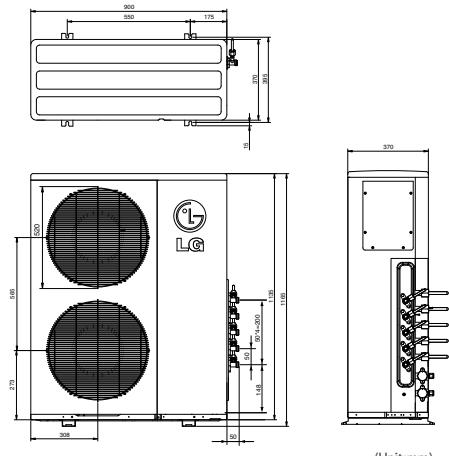
- MU4M27 U40
- MU5M30 U40



Specifications_ Outdoor Units



- MU5M40 UH0



Model		MU4M27 U40		MU5M30 U40	
Nominal Capacity*	Cooling (Min-Rated-Max)	Btu/h kW	6,300~27,000~32,400 1.85~7.91~9.49	6,300~30,000~36,000 1.85~8.80~10.55	
Heating	Btu/h kW		7,540~31,000~34,000 2.22~9.09~10.55	7,540~34,500~41,400 2.22~10.1~12.1	
Nominal Input*	Cooling (Min-Rated-Max)	kW	0.72~1.98~3.12	0.72~2.31~3.16	
Heating	kW		0.88~2.19~3.68	0.88~2.19~3.87	
Energy label		A/A		A/A	
Testing Combination		CS07AQ N80 × 4EA		CS07AQ N80 × 5EA	
Running Current	Cooling	A	3.1~8.6~13.5	3.1~10.1~13.7	
(Min-Rated-Max)	Heating	A	3.8~9.0~16.0	3.8~9.6~16.8	
Power Supply	Ø / V / Hz		1/220~240/50	1/220~240/50	
Dimensions	W*H*D	mm(inch)	950×834×330(37.4~32.8×13.0)	950×834×330(37.4~32.8×13.0)	
Net Weight	kg(lbs)		67(147.7)	67(147.7)	
Max. Number of Connectable Indoor Units			4	5	
Refrigerant	Charge (at 7.5m)	g(oz)	3,300(116.4)	3,300(116.4)	
Air Flow Rate	CMM(CFM)		60(2119)	60(2119)	
Sound Level	Sound Pressure at 1m	dB(A)+3	53	53	
Piping connections	Liquid(e) Gas(e)	mm(inch)	6.35(1/4)×4EA 9.52(3/8)×4EA	6.35(1/4)×5EA 9.52(3/8)×5EA	
Max. Interunit	Total of Each Room	m	70	75	
Piping Length	For One Room	m	25	25	
Max. Elevation	Indoor Unit~Outdoor Unit	m	15	15	
	Indoor Unit~Indoor Unit	m	7.5	7.5	

Notes:

1. Capacities are based on the following conditions:

Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB

- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB

Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB

- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB

Piping Length : Indoor unit~outdoor Piping Length 7.5m

- Level Difference of Zero.

2. * : See page "Combination Table".

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

Model		MU5M40 UH0	
Nominal Capacity*	Cooling (Min-Rated-Max)	Btu/h kW	9,600~40,000~46,000 2.8~11.7~13.5
Heating	Btu/h kW		11,040~46,000~51,000 3.2~13.5~15.0
Nominal Input*	Cooling (Min-Rated-Max)	kW	1.1~3.63~4.65
Heating	kW		1.4~3.65~4.84
Energy label		A/A	
Testing Combination		MS09AH N40 × 5EA	
Running Current	Cooling	A	6.2~16.0~20.0
(Min-Rated-Max)	Heating	A	6.9~16.4~20.5
Power Supply	Ø / V / Hz		1/220~240/50
Dimensions	W*H*D	mm(inch)	900×1165×370(35.4~45.8×14.5)
Net Weight	kg(lbs)		95(209)
Max. Number of Connectable Indoor Units			5
Refrigerant	Charge (at 7.5m)	g(oz)	4,000(141.1)
Air Flow Rate	CMM(CFM)		53(1872)×2
Sound Level	Sound Pressure at 1m	dB(A)+3	58
Piping connections	Liquid(e) Gas(e)	mm(inch)	6.35(1/4)×5EA 9.52(3/8)×5EA
Max. Interunit	Total of Each Room	m	85
Piping Length	For One Room	m	25
Max. Elevation	Indoor Unit~Outdoor Unit	m	15
	Indoor Unit~Indoor Unit	m	7.5

Notes:

1. Capacities are based on the following conditions:

Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB

- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB

Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB

- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB

Piping Length : Indoor unit~outdoor Piping Length 7.5m

- Level Difference of Zero.

2. * : See page "Combination Table".

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

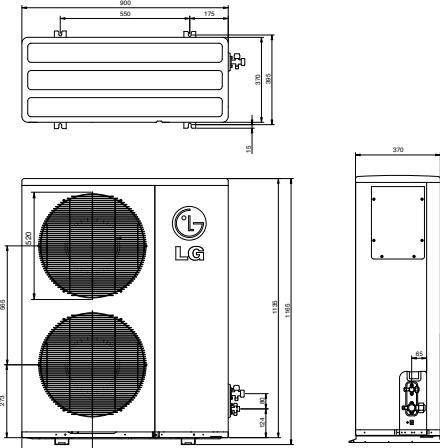
5. Minimum combination capacity rate should be more than 40%.

Multi Split _ MULTI

Specifications_ Outdoor Units



• FM40AH UH5



FM40AH UHS					
Nominal Capacity*	Cooling (Min-Rated-Max)	Btu/h kW	9,600–40,000–46,000 2.8–11.7–13.5		
	Heating	Btu/h kW	11,040–46,000–51,000 3.2–13.5–15.0		
Nominal Input*	Cooling (Min-Rated-Max)	kW	1.1–3.63–4.65		
	Heating	kW	1.4–3.65–4.84		
Energy label		A/A			
Testing Combination		CS09AH N00 × 7EA			
Running Current	Cooling (Min-Rated-Max)	A	6.2–16.0–20.0		
	Heating	A	6.9–16.4–20.5		
Power Supply		Ø / V / Hz	1/220–240/50		
Dimensions	W*H*D	mm(inch)	900×1165×370(35.4×45.8×14.5)		
Net Weight		kg(lbs)	95(209)		
Max. Number of Connectable Indoor Units			7		
Refrigerant	Charge (at 7.5m)	g(oz)	4,400(155)		
Air Flow Rate		CMM(CFM)	53(1872) × 2		
Sound Level	Sound Pressure at 1m	dB(A)+3	58		
Piping connections	Liquid(g) Gas(o)	mm(inch) mm(inch)	9.52(3/8) 19.05(3/4)		
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	100		
	Main Piping	m	50		
	Total Branch Piping	m	50		
	Each Branch Piping	m	15		
Max. Elevation	Indoor Unit–Outdoor Unit	m	30		
	Indoor Unit–Indoor Unit	m	15		

Notes:

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19 °C(66.2°F) WB

- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping, Sub Branch piping 5m

Level Difference of Zero.

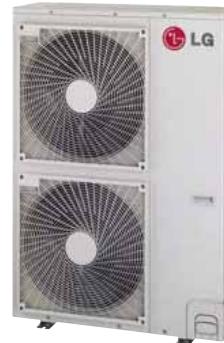
2. * - See page "Combination Table".

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

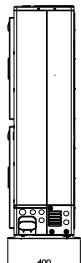
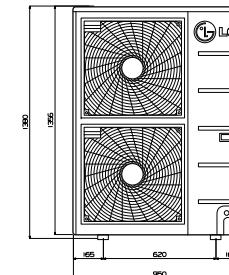
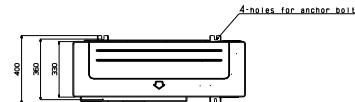
5. Minimum combination capacity rate should be more than 40%.

Specifications_ Outdoor Units



• FM48AH U33

• FM56AH U33



(Unit:mm)

FM48AH U33						FM56AH U33					
Nominal Capacity*	Cooling (Min-Rated-Max)	Btu/h kW	11,400–52,800–58,000 3.3–15.5–17.0			13,800–57,000–63,200 4.0–16.7–18.52					
	Heating	Btu/h kW	12,768–56,000–59,000 3.7–16.4–17.29			15,456–61,000–64,000 4.5–17.9–18.75					
Nominal Input*	Cooling (Min-Rated-Max)	kW	0.84–4.69–5.35			1.0–4.96–5.65					
	Heating	kW	1.30–4.43–5.58			1.25–4.62–5.70					
Energy label		A/A				A/A					
Testing Combination		MS07AH N40 × 5EA MS09AH N40 × 3EA				MS09AH N40 × 8EA					
Running Current	Cooling (Min-Rated-Max)	A	3.9–21.1–23.2			4.6–21.7–24.0					
	Heating	A	6.9–22.6–25.0			7.4–22.4–26.0					
Power Supply		Ø / V / Hz	1/220–240/50			1/220–240/50					
Dimensions	W*H*D	mm(inch)	950×1380×330 (37.4×54.3×13.0)			950×1380×330 (37.4×54.3×13.0)					
Net Weight		kg(lbs)	108(238)			108(238)					
Max. Number of Connectable Indoor Units			8			9					
Refrigerant	Charge (at 7.5m)	g(oz)	4,800(169.3)			4,800(169.3)					
Air Flow Rate		CMM(CFM)	602(119) × 2			602(119) × 2					
Sound Level	Sound Pressure at 1m	dB(A)+3	58			59					
Piping connections	Liquid(g) Gas(o)	mm(inch) mm(inch)	9.52(3/8) 19.05(3/4)			9.52(3/8) 19.05(3/4)					
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	135			145					
	Main Piping	m	55			55					
	Total Branch Piping	m	80			90					
	Each Branch Piping	m	15			15					
Max. Elevation	Indoor Unit–Outdoor Unit	m	30			30					
	Indoor Unit–Indoor Unit	m	15			15					

Notes:

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19 °C(66.2°F) WB

- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping, Sub Branch piping 5m

Level Difference of Zero.

2. * - See page "Combination Table".

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

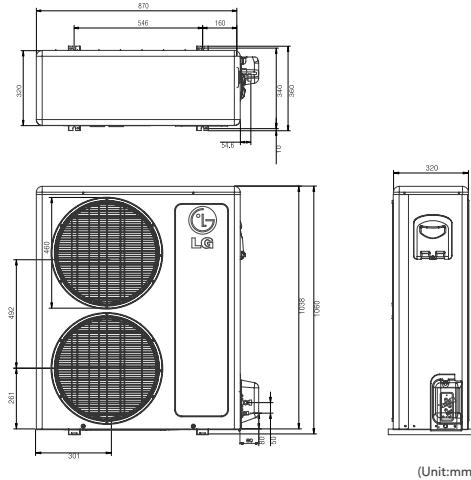
5. Minimum combination capacity rate should be more than 40%.

Multi Split _ MULTI

Specifications_Outdoor Units



• FM37AH UE0



Model		FM37AH UE0	
Nominal Capacity*	Cooling (Min-Rated-Max)	Btu/h kW	21,600–33,000–37,000 6.33–9.67–10.8
	Heating	Btu/h kW	22,800–38,000–42,000 6.68–11.1–12.3
Nominal Input*	Cooling (Min-Rated-Max)	kW	1.80–3.00–3.45
	Heating	kW	1.83–3.05–3.51
Energy label			A/A
Testing Combination			MS07AH N40 × 6EA
Running Current (Min-Rated-Max)	Cooling Heating	A	3.45–4.6–6.0 3.5–5.4–6.1
Power Supply	Ø / V / Hz		3 / 380–415 / 50
Dimensions	W*H*D	mm(inch)	870×1,038×320 (34.3×40.9×12.6)
Net Weight	kg(lbs)		80(176)
Max. Number of Connectable Indoor Units			6
Refrigerant	Charge (at 7.5m)	g(oz)	2,800(98.8)
Air Flow Rate		CMM(CFM)	32(1,130) × 2
Sound Level	Sound Pressure at 1m	dB(A)+3	51/47
Piping connections	Liquid(g) Gas(o)	mm(inch) mm(inch)	6.35(1/4) 15.86(5/8)
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	100
	Main Piping	m	40
	Total Branch Piping	m	60
	Each Branch Piping	m	20
Max. Elevation	Indoor Unit–Outdoor Unit Indoor Unit–Indoor Unit	m	30 15

Notes:

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19°C(66.2°F) WB

- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping 5m, Branch piping 5m
- Level Difference of Zero.

2. * See page "Combination Table".

3. Due to our policy of innovation some specifications may be changed without notification.

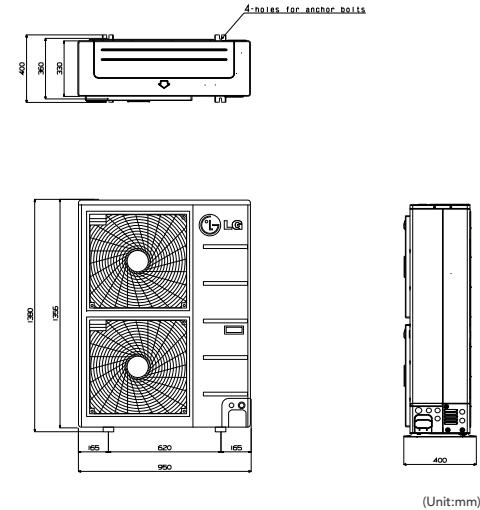
4. At least two indoor units should be connected.

5. Minimum combination capacity rate should be more than 40%.

Specifications_Outdoor Units



- FM41AH U33
- FM49AH U33
- FM57AH U33



Model		FM41AH U33		FM49AH U33		FM57AH U33	
Nominal Capacity*	Cooling (Min-Rated-Max)	Btu/h kW	9,600–46,000–48,000 2.8–13.5–14.1	11,400–52,800–58,000 3.3–15.5–17.0	13,800–57,000–63,200 3.40–16.7–18.52		
	Heating	Btu/h kW	10,752–49,000–52,000 3.2–14.0–15.2	12,748–56,000–59,000 3.7–16.4–17.29	15,454–61,000–64,000 4.5–17.87–18.75		
Nominal Input*	Cooling (Min-Rated-Max)	kW	0.8–4.0–4.9	0.94–4.6–5.4	1.0–4.91–5.7		
	Heating	kW	0.89–3.9–5.1	1.13–4.45–5.2	1.49–4.55–5.65		
Energy label			A/A	A/A	A/A		
Testing Combination			MS07AH N40 × 7EA	MS09AH N40 × 3EA + MS09AH N40 × 3EA	MS09AH N40 × 8EA		
Running Current (Min-Rated-Max)	Cooling Heating	A	1.5–7.2–8.1 1.7–7.5–8.0	1.8–8.0–8.4 2.1–7.5–8.3	2.3–8.1–9.1 2.5–8.0–8.7		
Power Supply	Ø / V / Hz		3/380–415/50	3/380–415/50	3/380–415/50		
Dimensions	W*H*D	mm(inch)	950×1,380×330 (37.4×54.3×13.0)	950×1,380×330 (37.4×54.3×13.0)	950×1,380×330 (37.4×54.3×13.0)		
Net Weight	kg(lbs)		108(238.0)	108(238.0)	108(238.0)		
Max. Number of Connectable Indoor Units			7	8	9		
Refrigerant	Charge (at 7.5m)	g(oz)	4,800(169.3)	4,800(169.3)	4,800(169.3)		
Air Flow Rate		CMM(CFM)	60(2,119) × 2	60(2,119) × 2	60(2,119) × 2		
Sound Level	Sound Pressure at 1m	dB(A)+3	58	58	59		
Piping connections	Liquid(g) Gas(o)	mm(inch) mm(inch)	9.52(3/8) 19.05(3/4)	9.52(3/8) 19.05(3/4)	9.52(3/8) 19.05(3/4)		
Max. Interunit Piping Length	Total Piping (Main+Total Branch)	m	125	135	145		
	Main Piping	m	55	55	55		
	Total Branch Piping	m	70	80	90		
	Each Branch Piping	m	15	15	15		
Max. Elevation	Indoor Unit–Outdoor Unit Indoor Unit–Indoor Unit	m	30	30	30		
		m	15	15	15		

Notes:

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C(80.6°F) DB / 19°C(66.2°F) WB

- Outdoor Temperature 35°C(95°F) DB / 24°C(75.2°F) WB

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

- Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

Piping Length - Main piping 5m, Branch piping 5m
- Level Difference of Zero.

2. * See page "Combination Table".

3. Due to our policy of innovation some specifications may be changed without notification.

4. At least two indoor units should be connected.

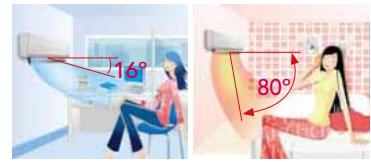
5. Minimum combination capacity rate should be more than 40%.

Multi Split _ Wall Mounted Type

Comfort Operation

Optimised Airflow

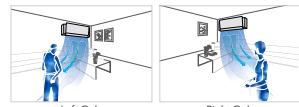
For cooling, the vane is adjusted upwards to let the cold air travel up and air condition a wider area. As for heating, the vane sends the heated air downwards to heat the space from the floor for a pleasant and balanced room temperature. *Only LIBERO



Horizontal Vane Step Control



Stepping control



Air Purifying System

LG's unique Air Purifying system is equipped with 7 specialized filters in 5 separate stages to enhance its cleaning power. It reduces fine dust and mould, unpleasant odors and cigarette smoke as air passes each filter.



Easy Installation

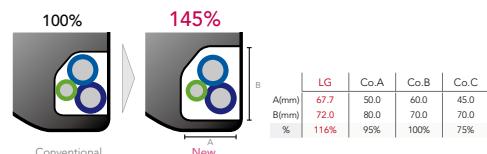
Quick & Easy installation



Installation support clip
Installation support clip makes installation easier



Bigger tubing space
Wider installation space can make you installation much easier.



Ez-Remote Controller

Easy Use



User Friendly Design



Various Indoor Units

Capacity (kW)	1.5	2.1	2.6	3.5	5.3	7
Wall Mounted	MS05AH N40	MS07AH N40	MS09AH N40	MS12AH N40	MS18AH N50	MS24AH N50
Wall Mounted LIBERO		CS07AQ N80	CS09AQ N80	CS12AQ N80	CS18AQ N80	CS24AQ N80
Wall Mounted HERO	CS05AF NH0	CS07AF NH0	CS09AF NH0	CS12AF NH0		
ART COOL Mirror		CC07AW* NE3	CC09AW* NE3	CC12AW* NE3	CC18AW* N83	CC24AW* N83
ART COOL Gallery				MA09AH1 NF1	MA12AH1 NF1	
ART COOL Panel				MA09AH1 NF1	MA12AH1 NF1	

ART COOL Note : * indicates color of panel *Mirror(R) *Silver(V) *Red(E) *Gold(G) *White Silver(H) *Blue(B) *Gallery(B)

Specifications

Model	MS05AH N40	MS07AH N40	MS09AH N40	MS12AH N40	MS18AH N50	MS24AH N50
Cooling capacity	Btu/h 5,000 kW 1.46	Btu/h 7,000 kW 2.05	Btu/h 9,000 kW 2.34	Btu/h 12,000 kW 3.52	Btu/h 18,000 kW 5.28	Btu/h 23,000 kW 6.74
Heating capacity	Btu/h 5,500 kW 1.6	Btu/h 8,000 kW 2.34	Btu/h 10,000 kW 2.93	Btu/h 13,200 kW 3.87	Btu/h 19,800 kW 5.8	Btu/h 25,500 kW 7.47
Current Nominal running current	A 0.1 mm ³ 5.6/5.0/4.6	A 0.1 mm ³ 5.6/5.0/4.6	A 0.15 mm ³ 7.0/6.5/6.0	A 0.15 mm ³ 9.5/9.0/8.5	A 0.28 mm ³ 12.0/10/9.5/9.0	A 0.28 mm ³ 14.0/13.0/11.0
Air flow rate (H/M/L)	cfm 198/177/163 mm(inch) 840×270×153/33.1×10.6×6.0	cfm 198/177/163 mm(inch) 840×270×153/33.1×10.6×6.0	cfm 247/230/212 mm(inch) 840×270×153/33.1×10.6×6.0	cfm 336/318/300 mm(inch) 1090×300×180/42.9×11.8×7.1	cfm 424/371/318 mm(inch) 1090×300×180/42.9×11.8×7.1	cfm 495/460/389 mm(inch) 1090×300×180/42.9×11.8×7.1
Dimensions (WxHxD)	Body mm(inch) 840×270×153/33.1×10.6×6.0	Body mm(inch) 840×270×153/33.1×10.6×6.0	Body mm(inch) 840×270×153/33.1×10.6×6.0	Body mm(inch) 840×270×153/33.1×10.6×6.0	Body mm(inch) 840×270×153/33.1×10.6×6.0	Body mm(inch) 840×270×153/33.1×10.6×6.0
Weight	Body kg(lbs) 7(15.4)	Body kg(lbs) 7(15.4)	Body kg(lbs) 7(15.4)	Body kg(lbs) 7(15.4)	Body kg(lbs) 7(15.4)	Body kg(lbs) 7(15.4)
Sound level (H/M/L)	dB(A) 29 / 25 / 20	dB(A) 29 / 25 / 20	dB(A) 33 / 29 / 22	dB(A) 36 / 32 / 29	dB(A) 37 / 34 / 31	dB(A) 39 / 34 / 34
Piping connections	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)			
Dehumidification rate	l/h 0.9	l/h 0.9	l/h 1.1	l/h 1.2	l/h 2.3	l/h 3.0

Model	CS07AQ N80	CS09AQ N80	CS12AQ N80	CS18AQ N80	CS24AQ N80
Cooling capacity	Btu/h 7,000 kW 2.05	Btu/h 9,000 kW 2.64	Btu/h 12,000 kW 3.52	Btu/h 18,000 kW 5.28	Btu/h 23,000 kW 6.74
Heating capacity	Btu/h 8000 kW 2.34	Btu/h 10,000 kW 2.93	Btu/h 13,200 kW 3.87	Btu/h 19,800 kW 5.8	Btu/h 25,500 kW 7.47
Current Nominal running current	A 0.1 mm ³ 5.6/5.0/4.6	A 0.1 mm ³ 7.0/6.5/6.0	A 0.15 mm ³ 9.5/9.0/8.5	A 0.28 mm ³ 12.6/12.0/11.2/12.3	A 0.28 mm ³ 16.2/15.0/12.2/13.2
Air flow rate (H/M/L)	cfm 198/177/163 mm(inch) 885×285×210/34.8×11.2×8.3	cfm 247/230/212 mm(inch) 885×285×210/34.8×11.2×8.3	cfm 336/318/300 mm(inch) 885×285×210/34.8×11.2×8.8	cfm 424/371/318 mm(inch) 885×285×210/34.8×11.2×8.8	cfm 572/502/434 mm(inch) 885×285×210/34.8×11.2×8.9
Dimensions (WxHxD)	Body mm(inch) 112/45.5 kg(lbs) 11(24.5)				
Weight	Body kg(lbs) 11(24.5)				
Sound level (H/M/L)	dB(A) 31/28/25 mm(inch) 6.35 (1/4)	dB(A) 31/28/25 mm(inch) 6.35 (1/4)	dB(A) 33 / 30 / 27 mm(inch) 6.35 (1/4)	dB(A) 39 / 34 / 31 mm(inch) 6.35 (1/4)	dB(A) 37/33/28 mm(inch) 6.35 (1/4)
Piping connections	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)				
Dehumidification rate	l/h 0.9	l/h 1.1	l/h 1.2	l/h 1.9	l/h 2.6

Model	CS05AF NH0	CS07AF NH0	CS09AF NH0	CS12AF NH0
Cooling capacity	Btu/h 5,000 kW 1.46	Btu/h 7,000 kW 2.05	Btu/h 9,000 kW 2.64	Btu/h 12,000 kW 3.52
Heating capacity	Btu/h 5,500 kW 1.6	Btu/h 8,000 kW 2.34	Btu/h 10,000 kW 2.93	Btu/h 13,200 kW 3.87
Current Nominal running Current	A 0.10 mm ³ 6.4/5.7/5.1	A 0.10 mm ³ 6.4/5.7/5.1	A 0.15 mm ³ 7.1/6.2/5.5	A 0.15 mm ³ 8.0/6.9/6.1
Air flow rate (H/M/L)	cfm 226/201/180 mm(inch) 790×290×210/31.1×11.4×8.3	cfm 226/201/180 mm(inch) 790×290×210/31.1×11.4×8.3	cfm 251/219/194 mm(inch) 790×290×210/31.1×11.4×8.3	cfm 282/244/215 mm(inch) 790×290×210/31.1×11.4×8.3
Dimensions (WxHxD)	Body mm(inch) 8.1(17.9) kg(lbs) 8.5(18.7)			
Weight	Body kg(lbs) 8.5(18.7)	Body kg(lbs) 8.5(18.7)	Body kg(lbs) 8.5(18.7)	Body kg(lbs) 8.5(18.7)
Sound level (H/M/L)	dB(A) 31/29/26 mm(inch) 6.35 (1/4)	dB(A) 31/29/26 mm(inch) 6.35 (1/4)	dB(A) 34/30/29 mm(inch) 6.35 (1/4)	dB(A) 38/33/31 mm(inch) 6.35 (1/4)
Piping connections	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)			
Dehumidification rate	l/h 1.2	l/h 1.2	l/h 1.5	l/h 2.0

Model	CC07AW* NE3	CC09AW* NE3	CC12AW* NE3	CC18AW* N83	CC24AW* N83
Cooling capacity	Btu/h 7,000 kW 2.05	Btu/h 9,000 kW 2.64	Btu/h 12,000 kW 3.52	Btu/h 18,000 kW 5.28	Btu/h 23,000 kW 6.74
Heating capacity	Btu/h 8,000 kW 2.34	Btu/h 10,000 kW 2.93	Btu/h 13,200 kW 3.87	Btu/h 19,800 kW 5.8	Btu/h 25,500 kW 7.47
Running current	A 0.1 mm ³ 8.0/7.0/5.0/5.0	A 0.1 mm ³ 9.2/8.2/6.5/6.5	A 0.15 mm ³ 10.8/9.0/6.0/6.0	A 0.15 mm ³ 12.6/11.5/10/10	A 0.28 mm ³ 15/14/13/13
Air flow rate (H/M/L)	cfm 282/247/177 mm(inch) 915×282×165 (34.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5)	cfm 352/293/212 mm(inch) 915×282×165 (34.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5)	cfm 352/283/212 mm(inch) 915×282×165 (34.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5)	cfm 445/404/353 mm(inch) 915×282×165 (34.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5)	cfm 530/494/459 mm(inch) 915×282×165 (34.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5) 915×282×165 (36.0×11.1×6.5)
Dimensions (WxHxD)	Body mm(inch) 8.1(17.9) kg(lbs) 15(33.1)				
Weight	Body kg(lbs) 15(33.1)				
Sound level (H/M/L)	dB(A) 34/32/27 mm(inch) 6.35 (1/4)	dB(A) 34/32/27 mm(inch) 6.35 (1/4)	dB(A) 36/33/27 mm(inch) 6.35 (1/4)	dB(A) 39/37/35 mm(inch) 6.35 (1/4)	dB(A) 43/41/38 mm(inch) 6.35 (1/4)
Piping connections	Liquid mm(inch) 6.35 (1/4) Gas mm(inch) 9.52 (3/8)				
Dehumidification rate	l/h 1.0	l/h 1.2	l/h 1.5	l/h 2.0	l/h 2.5

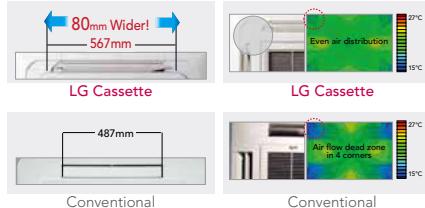
Note : Due to our policy of innovation some specifications may be changed without notification.

Multi Split _ Ceiling Cassette Type

Comfort Operation

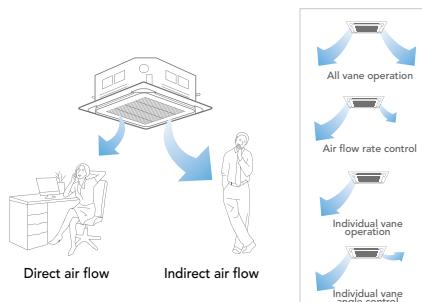
Wide jet Air Flow

Improved wide vanes reduce dead bands and provide better air and temperature distribution.



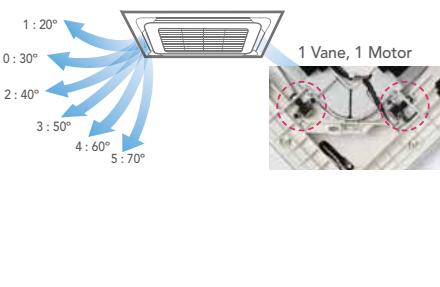
Independent Vane Operation

Vane angle control satisfies both users who like direct wind or indirect wind and also reduces cold air draft.



Automatic Vane angle Control

One motor per vane is adopted to control each of four vane independently, freely controlling air current according to situations.



Easy Installation

Detachable Corner Panels

The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check leakage in the drain connection pipe.



One Touch Panel

The simple push-up panel design easily connect the panel with the body, enabling the installer to use his two hands freely.

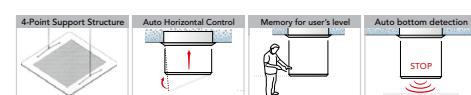


Auto Elevation Grille (Accessory : PTEGM0)

Easy filter cleaning with elevation grille

- Installed inside main body
- Auto horizontal level
- 4 points support
- Memory for user's level
- Max. 4.5m length

* Pls refer to the PDB for available model



Various Indoor Units

Capacity (kW)	1.5	2.1	2.6	3.5	5.3	7
1-Way Cassette Type			MT09AH NC1	MT11AH NC1		
4-Way Cassette Type	MT06AH NR0	MT08AH NR0	MT10AH NR0	MT12AH NR0	MT18AH NQ0	MT24AH NP0

Specifications

Model	Panel	Ceiling Cassette - 1 way	
		MT09AH NC1 PT-HCC	MT11AH NC1 PT-HCC
Cooling Capacity	Btu/h	9,000	12,000
	kW	2.64	3.52
Heating Capacity	Btu/h	10,000	13,200
	kW	2.93	3.87
Running current	A	0.56	0.56
Air flow rate (H/M/L)	cm³	8.5/7.5/5	9.5/8/7
	cfm	300/265/230	336/283/247
Dimensions (W*H*D)	Body mm(inch)	860x180x390 (33.8x7.1x15.3)	860x180x390 (33.8x7.1x15.3)
	Decorative Panel mm	1050x30x480 (41.3x1.2x18.9)	1050x30x480 (41.3x1.2x18.9)
Weight	Body kg(lbs)	22(48.5)	22(48.5)
	Decorative Panel kg(lbs)	4(8.8)	4(8.8)
Sound level (H/M/L)	dB(A±3	35/32 / 28	37 / 33 / 29
Piping Connections	Liquid inch(mm)	6.35 (1/4)	6.35 (1/4)
	Gas inch(mm)	9.52 (3/8)	9.52 (3/8)
Dehumidification rate	1/h	1.1	1.3

Note : Due to our policy of innovation some specifications may be changed without notification.

Model	Panel	Ceiling Cassette - 4way		
		MT06AH NR0 PT-UQC	MT08AH NR0 PT-UQC	MT10AH NR0 PT-UQC
Cooling Capacity	Btu/h	5,000	7,000	9,000
	kW	1.46	2.05	2.64
Heating Capacity	Btu/h	5,500	8,000	10,000
	kW	1.6	2.34	2.93
Current Nominal running current	A	0.35	0.35	0.35
Air flow rate (H/M/L)	cm³	7.5/6/5	7.5/6/5	8.5/7.5/6.5
	cfm	265/211/176	265/211/176	300/265/230
Dimensions (W*H*D)	Body mm(inch)	570x214x570(22.4x8.4x22.4)	570x214x570(22.4x8.4x22.4)	570x214x570(22.4x8.4x22.4)
	Decorative Panel mm	700x30x700(27.5x1.2x27.5)	700x30x700(27.5x1.2x27.5)	700x30x700(27.5x1.2x27.5)
Weight	Body kg(lbs)	14(30.9)	14(30.9)	14(30.9)
	Decorative Panel kg(lbs)	3(6.6)	3(6.6)	3(6.6)
Sound level (H/M/L)	dB(A±3	31/27/24	31/27/24	32/29/25
Piping Connections	Liquid inch(mm)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas inch(mm)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Dehumidification rate	1/h	0.8	1.0	1.1

Note : Due to our policy of innovation some specifications may be changed without notification.

Model	Panel	Ceiling Cassette - 4way		
		MT12AH NR0 PT-UQC	MT14AH NR0 PT-UQC	MT24AH NP0 PT-UMC
Cooling Capacity	Btu/h	12,000	18,000	24,000
	kW	3.52	5.28	7.03
Heating Capacity	Btu/h	13,200	19,800	26,400
	kW	3.87	5.8	7.74
Current Nominal running current	A	0.35	0.43	0.6
Air flow rate (H/M/L)	cm³	9.5/8/6.5	13/12/10	17/15/13
	cfm	336/283/230	459/423/353	600/500/459
Dimensions (W*H*D)	Body mm(inch)	570x214x570(22.4x8.4x22.4)	570x214x570(22.4x8.4x22.4)	840x204x500(33.1x10.0x33.1)
	Decorative Panel mm	700x30x700(27.5x1.2x27.5)	700x30x700(27.5x1.2x27.5)	950x25x950(37.4x1.0x37.4)
Weight	Body kg(lbs)	14(30.9)	15(33.1)	21(46.3)
	Decorative Panel kg(lbs)	3(6.6)	3(6.6)	5(11.0)
Sound level (H/M/L)	dB(A±3	35/31/27	40/37/34	39/37/34
Piping Connections	Liquid inch(mm)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas inch(mm)	9.52 (3/8)	12.7(1/2)	12.7(1/2)
Dehumidification rate	1/h	1.2	2.4	3.0

Note : Due to our policy of innovation some specifications may be changed without notification.

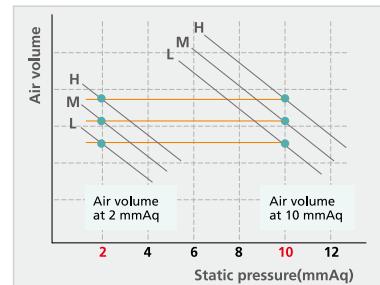
Multi Split_ Ceiling Concealed Duct Type

Linear E.S.P. Control

Air volume and sound kept as design regardless of E.S.P change using this technology , you can

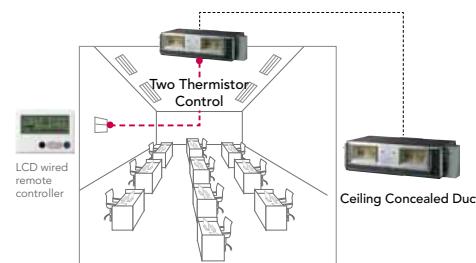
- Optimize duct work Installation
- Keep capacity & sound level as desired
- Simplify model numbers

The phase control motor technology gives benefit of saving money to Installer.



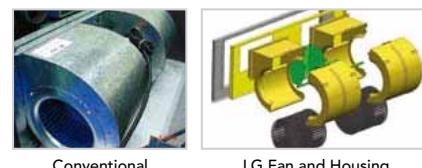
Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



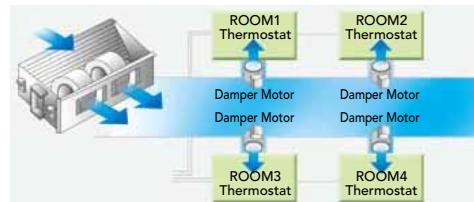
Quiet Operation & Easy Service

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient. The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



Zone Controller

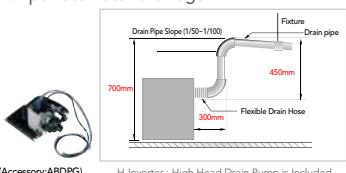
This feature can be used to control the operation of the Air Conditioning Unit where each zone (maximum of 4 zones) has a separate thermostat and damper motor, your Air Conditioning Specialist can advise you if you require a VAV (Variable Air Volume) Installation in your home / office, as well as providing a quotation for Installation (including the supply of thermostats and damper motors).



*Notes: MB18AH, MB24AH, MB30AH, MB36AH

High Head Drain Pump

Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.



Various Indoor Units

Capacity (kW)	2.6	3.5	5.3	7.0
Slim Duct	MB09AHL N12	MB12AHL N12	MB18AHL N22	MB24AHL N22
High Static Duct		MB18AH NH0	MB24AH NH0	

Specifications

Model	Ceiling Concealed Duct - Slim Duct			
	MB09AHL N12	MB12AHL N12	MB18AHL N22	MB24AHL N22
Cooling capacity	Btu/h kW	9,000 2.64	12,000 3.52	18,000 5.27
Heating capacity	Btu/h kW	10,000 2.93	13,200 3.87	19,200 5.8
Current Nominal running current	A	1.02	1.02	1.6
Air flow rate (H/M/L)	cm³/min cfm	8,575/5,655 300/265/230	9,585/7,555 334/300/265	15,135/11,555 530/477/406
Dimensions (WxHxD)	Body mm(inch)	820×190×575(32.3×7.5×22.6)	820×190×575(32.3×7.5×22.6)	1,100×190×575(43.3×7.5×22.6)
Weight	Body kg(lbs)	20.5(45.2)	20.5(45.2)	26.5(58.4)
Sound level (H/M/L)	dB(A)+3	31/26/25	33/31/26	34/31/29
Piping	Liquid mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
Connections	Gas mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)
Dehumidification rate	l/h	1.0	1.2	2.0

Model	Ceiling Concealed Duct - High Static Duct			
	MB18AH NH0	MB24AH NH0		
Cooling capacity	Btu/h kW	18,000 5.28	24,000 7.03	
Heating capacity	Btu/h kW	19,800 5.8	26,400 7.74	
Current Nominal running current	A	0.75	0.75	
Air flow rate (H/M/L)	cm³/min cfm	16,514/15,13 585/512/459	18,165/14 636/583/494	
Dimensions (WxHxD)	Body mm(inch)	880×260×450(34.6×10.2×17.7)	880×260×450(34.6×10.2×17.7)	
Weight	Body kg(lbs)	35(77.2)	35(77.2)	
Sound level (H/M/L)	dB(A)+3	36 / 34 / 32	38/36/34	
Piping	Liquid mm(inch)	6.35(1/4)	6.35(1/4)	
Connections	Gas mm(inch)	12.7(1/2)	12.7(1/2)	
Dehumidification rate	l/h	2.0	2.5	

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Multi Split _ Ceiling & Floor Type

Console Type

Flexible Installation

The Perfect Choice to Free up maximum Wall or Floor Space
•Two-way installation
The rounded design of the floor/ceiling-suspended dual type unit allows either ceiling or floor-level installation. Ceiling installation frees up wall and floor space, while floor-level installation helps prevent the loss of warm air.



Airflow Direction Control

Horizontal Airflow Direction Control.
Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.



Vertical Airflow Direction Control
The airflow direction can be adjusted as desired by using the remote controller.



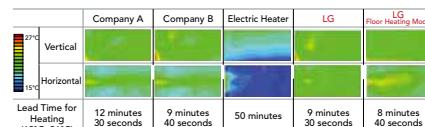
Comfort Air Flow

•Different air flow of cooling & heating
For cooling, the vane is adjusted upwards to let the cold air travel up. As for heating, the vane sends the heated air downwards to balance room temperature specially for floor.



•Quick floor heating

Console air conditioners can operate faster to provide more powerful performance. The results is to attain the desired temperature much faster in floor heating mode than conventional air conditioners.



•EZ vane tap control



•Quiet operation (22dB)



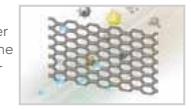
Healthy Air (3 stage air filter system)

1st Advanced pre filter :
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.



2nd Allergy Filter :

Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



3rd Nano Plasma Ion Generator :

The sterilized ion generating system, Ion Generator, emits around 1.2 million ions, and catches hazardous substances floating in the air, therefore proactively looking for and catching germs.



Various Indoor Units

Capacity (kW)	2.6	3.5	5.3	7.0
	MV09AH NEO	MV12AH NEO	MV18AH NB0	MV24AH NB0

Specifications

Model	Ceiling & Floor			
	MV09AH NEO	MV12AH NEO	MV18AH NB0	MV24AH NB0
Cooling Capacity	Btu/h 9,000 kW 2.64	Btu/h 12,000 kW 3.52	Btu/h 18,000 kW 5.27	Btu/h 24,000 kW 7.03
Heating Capacity	Btu/h 10,000 kW 2.93	Btu/h 13,200 kW 3.87	Btu/h 19,800 kW 5.8	Btu/h 25,200 kW 7.38
Current Nominal running current	A 0.56	A 0.56	A 0.67	A 0.67
Air flow rate (H/M/L)	cmm 7,864/4,500 cfm 276/226/177	cmm 10,083/6,500 cfm 353/293/230	cmm 13,512/11 cfm 477/424/388	cmm 15,135/12 cfm 530/477/424
Dimensions (W*H*D)	Body mm(inch) 900×200×490(35.4×7.9×19.3) Weight Body kg(lbs) 12(26.5)	Body mm(inch) 900×200×490(35.4×7.9×19.3) Weight Body kg(lbs) 12(26.5)	Body mm(inch) 1,200×205×15(47.2×8.1×24.2) Weight Body kg(lbs) 30(66.1)	Body mm(inch) 1,200×205×15(47.2×8.1×24.2) Weight Body kg(lbs) 30(66.1)
Piping Connections	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 9.52(3/8)	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 12.7(1/2)	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 12.7(1/2)	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 12.7(1/2)
Dehumidification rate	1/h 1.0	1.2	2.0	3.0

Note : Due to our policy of innovation some specifications may be changed without notification.

Various Indoor Units

Capacity (kW)	2.6	3.5	5.3
	CQ09 NA0	CQ12 NA0	CQ18 NA0

Specifications

Model	Console			
	Btu/h 9,000 kW 2.64	Btu/h 12,000 kW 3.52	Btu/h 18,000 kW 5.27	Btu/h 24,000 kW 7.03
Cooling Capacity	Btu/h 10,000 kW 2.93	Btu/h 13,200 kW 3.87	Btu/h 19,800 kW 5.8	Btu/h 25,200 kW 7.38
Running current	A 0.56	A 0.56	A 0.67	A 0.67
Air flow rate (H/M/L/Sleep)	cmm 8,165/5,520 cfm 283/230/177	cmm 8,165/5,520 cfm 283/230/177	cmm 8,165/5,520 cfm 283/230/177	cmm 8,165/5,520 cfm 283/230/177
Dimensions (W*H*D)	Body mm(inch) 700×600×210(27.5×23.6×8.3) Weight Body kg(lbs) 13.8(30.4)			
Piping Connections	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 9.52(3/8)	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 12.7(1/2)	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 12.7(1/2)	Liquid mm(inch) 6.35(1/4) Gas mm(inch) 12.7(1/2)
Dehumidification rate	1/h 1.0	1.2	2.0	2.0

Note : Due to our policy of innovation some specifications may be changed without notification.

Distributor Box

PMBD3620, PMBD3630, PMBD3640, PMBD7220, PMBD7230

Easy Installation with Various Distributor Box

For	2 Indoors	3 Indoors	4 Indoors
Distributor			

Various distributors can make much easier installation for any sites

Features

- Distribution of refrigerant to various indoor units.
- 3 models (2, 3, 4 indoor units)
- Consists of EEV inside it
- Controlling PCB inside the unit
- Internally insulated (prevents any chances of drainage)
- Flare joints for easy and clean installation
- Compact design (low height)
- Flexible installation



Specifications_Distributors

Model	PMBD3620	PMBD3630	PMBD3640	PMBD7220	PMBD7230
Connectable Indoor Units Capacity	1~2	1~3	1~4	1~2	1~3
Btu/h	7kW/9kW/12kW/24k	7kW/9kW/12kW/24k	7kW/9kW/12kW/24k	18kW/24kW/30kW/36k	18kW/24kW/30kW/36k
Power Source φ/V/Hz	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240	1, 50, 220~240
Power Consumption W	10	10	10	10	10
Running Current A	0.05	0.05	0.05	0.05	0.05
Dimensions W*H*D mm(inch)	302×143×95(11.9×5.6×9.9)	302×143×95(11.9×5.6×9.9)	302×143×95(11.9×5.6×9.9)	302×143×95(11.9×5.6×9.9)	302×143×95(11.9×5.6×9.9)
Net Weight kg(lb)	4.8(10.6)	4.9(10.8)	4.9(10.8)	5.1(11.2)	5.1(11.2)
Piping Connection (To Outdoor Unit) Liquid(g)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Gas(g)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
Piping Connection (To Indoor Unit) Liquid(g)	6.35(1/4)×2EA	6.35(1/4)×2EA	6.35(1/4)×2EA	6.35(1/4)×2EA	6.35(1/4)×2EA
Gas(g)	9.52(3/8)×2EA	9.52(3/8)×2EA	9.52(3/8)×2EA	12.7×2EA	12.7×2EA
Accessories Hanger (Bracket)	EA 4				
Screw	EA 8				
Manual	EA 1				

Note :

- The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)
- The BD should be installed inside the building.

Note : Due to our policy of innovation some specifications may be changed without notification.

Y Branch and Branch Kit

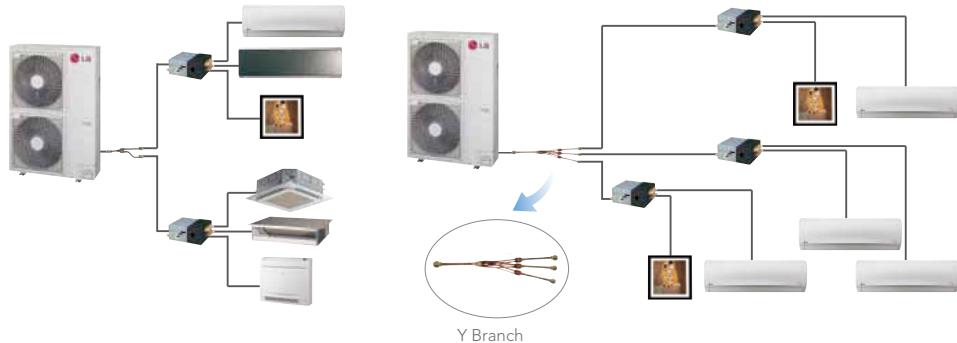
PMBL3620 / PMBL5620 (2units) / PMBL1203F0 (3units)



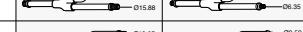
Features

- Y Branch and Branch kit make Multi Fdx installation much easier.
- Y-Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

Application



Accessory model name

Model Name	No. of BD units	Applicable Model	Specification	
			Gas	Liquid
PMBL3620	2 units	Only 3φ, 36k Btu/h		
PMBL5620	2 units	1φ, 3φ		
PMBL1203F0	3 units	1φ, 3φ		

Combination Table_ MULTI

MU2M15 ULO

Operation	Combination of Indoor Unit (kBtu/h)	Cooling												
		Each Capacity			Total Capacity			Input(W)						
		Min	Max	Rating	Min	Max	Rating	Min	Max	Rating	Min	Max		
1 Unit	UNIT-A	UNIT-B	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
	5	5	5000	-	4600	1.3	5000	1.5	6000	1.8	380	500	580	
	7	7	7000	-	4600	1.3	7000	2.1	8400	2.5	380	500	665	
	9	9	9000	-	5400	1.6	9000	2.6	10800	3.2	514	660	905	
	12	12	12000	-	7200	2.1	12000	3.5	14400	4.2	703	1000	1498	
	5	5	10	5000	5000	6000	1.8	10000	2.9	12000	3.5	784	800	1187
	5	7	12	5000	7000	7200	2.1	12000	3.5	14400	4.2	784	950	1406
2 Unit	5	9	14	5000	9000	8400	2.5	14000	4.1	16000	4.7	784	1080	1700
	5	12	17	4118	9882	8400	2.5	14000	4.1	16000	4.7	784	1080	1700
	7	7	14	7000	7000	8400	2.5	14000	4.1	15500	4.5	784	1080	1700
	7	9	16	6125	7875	8400	2.5	14000	4.1	15800	4.6	784	1080	1700
	9	9	18	7000	7000	8400	2.5	14000	4.1	16000	4.7	784	1080	1700
	7	12	19	5158	8842	8400	2.5	14000	4.1	16000	4.7	784	1080	1700
	9	12	21	6000	8000	8400	2.5	14000	4.1	16000	4.7	784	1080	1700

Note :
 1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB
 3.The total ability of connected a indoor unit is up to 21k Btu/h 4. At least two indoor units should be connected.

MU2M15 ULO

Operation	Combination of Indoor Unit (kBtu/h)	Heating												
		Each Capacity			Total Capacity			Input(W)						
		Min	Rating	Max	Min	Rating	Max	Min	Rating	Max	Min	Rating	Max	
1 Unit	UNIT-A	UNIT-B	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
	5	5	5500	-	4800	1.5	5500	1.6	6325	1.9	450	750	860	
	7	7	8400	-	5300	1.6	8400	2.5	9660	2.8	450	850	980	
	9	9	10800	-	6480	1.9	10800	3.2	12420	3.6	541	1190	1500	
	12	12	13200	-	7920	2.3	13200	3.9	14400	4.2	757	1460	1650	
	5	5	10	5500	5500	6600	1.9	11000	3.2	12650	3.7	744	1100	1100
	5	7	12	5500	8400	8340	2.4	13900	4.1	15985	4.7	744	990	1400
2 Unit	5	9	14	5714	10286	9600	2.8	16000	4.7	17400	5.1	744	1120	1800
	5	12	17	4706	11294	9600	2.8	16000	4.7	17400	5.1	744	1120	1800
	7	7	14	8000	8000	9600	2.8	16000	4.7	17400	5.1	744	1120	1800
	7	9	16	7000	9000	9600	2.8	16000	4.7	17500	5.1	730	1120	1800
	9	9	18	8000	8000	9600	2.8	16000	4.7	17600	5.2	730	1120	1800
	7	12	19	5895	10105	9600	2.8	16000	4.7	17800	5.2	730	1120	1800
	9	12	21	6857	9143	9600	2.8	16000	4.7	18000	5.3	730	1120	1800

Note :
 1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB
 3.The total ability of connected a indoor unit is up to 21k Btu/h 4. At least two indoor units should be connected.

MU2M17 ULO

Operation	Combination	Cooling												
		Each Capacity			Total Capacity			Input(W)						
		Min	Max	Rating	Min	Max	Rating	Min	Max	Rating	Min	Max		
1 Unit	UNIT-A	UNIT-B	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
	5	5	5000	-	4600	1.3	5000	1.5	6000	1.8	380	380	500	
	7	7	7000	-	4600	1.3	7000	2.1	8400	2.5	380	430	670	
	9	9	9000	-	5400	1.6	9000	2.6	10800	3.2	514	600	900	
	12	12	12000	-	7200	2.1	12000	3.5	14400	4.2	703	935	1430	
	5	5	10	5000	5000	6000	1.8	10000	2.9	11500	3.4	784	725	1090
	5	7	12	5000	7000	7200	2.1	12000	3.5	13800	4.0	784	930	1370
2 Unit	5	9	14	5000	9000	8400	2.5	14000	4.1	16100	4.7	784	1160	1690
	5	12	17	4706	11294	9600	2.8	16000	4.7	18000	5.3	784	1370	1830
	7	7	14	7000	7000	8400	2.5	14000	4.1	16800	4.9	784	1200	1830
	7	9	16	7000	9000	9600	2.8	16000	4.7	17500	5.3	784	1370	1830
	7	12	19	5894	10105	9600	2.8	16000	4.7	17800	5.2	784	1370	1830
	9	12	21	6857	9143	9600	2.8	16000	4.7	18000	5.3	784	1370	1830
	12	12	24	8000	8000	9600	2.8	16000	4.7	17500	5.3	784	1370	1830

Note :
 1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB
 3.The total ability of connected a indoor unit is up to 24k Btu/h 4. At least two indoor units should be connected.

MU2M17 ULO

Operation	Combination	Heating												
		Each Capacity			Total Capacity			Input(W)						
		Min	Max	Rating	Min	Max	Rating	Min	Max	Rating	Min	Max		
1 Unit	UNIT-A	UNIT-B	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
	5	5	5500	-	4800	1.5	5500	1.6	6325	1.9	450	450	600	
	7	7	8400	-	5300	2.5	8400	2.5	9660	2.8	450	650	950	
	9	9	10800	-	6480	1.9	10800	3.2	12420	3.6	541	880	1250	
	12	12	13200	-	7920	2.3	13200	3.9	14400	4.2	757	1200	1500	
	5	5	10	5500	5500	9600	2.8	11000	3.2	12650	3.7	744	900	1250
	5	7	12	5500	8000	9600	2.8	13500	4.0	15525	4.5	744	1050	1460
2 Unit	5	9	14	5500	10125	9600	2.8	15625	4.6	17969	5.3	744	1170	1660
	5	12	17	5294	12706	9600	2.8	18000	5.3	19500	5.7	730	1300	1730
	7	7	14	8000	8000	9600	2.8	16000	4.7	17400	5.1	744	1170	1660
	7	9	16	7875	10125	9600	2.8	18000	5.3	19500	5.7	730	1300	1730
	9	9	18	9000	9000	9600	2.8	18000	5.3	19500	5.7	730	1300	1730
	7	12	19	6631	11368	9600	2.8	18000	5.3	19500	5.7	730	1300	1730
	9	12	21	7714	10286	9600	2.8	18000	5.3	19500	5.7	730	1300	1730

Note :
 1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB
 3.The total ability of connected a indoor unit is up to 24k Btu/h 4. At least two indoor units should be connected.

Combination Table_ MULTI

MU3M19 UEO

Operation	Combination			Cooling												
				Each Capacity			Total Capacity			Input(W)						
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	5	5	5	5000	5000	-	6,000	1.3	5,000	1.5	6,000	1.8	480	480	960
	7	7	7	7	7000	-	-	4,600	1.2	7,000	2.1	8,400	2.5	480	560	1160
	9	9	9	9	9000	-	-	5,400	1.6	9,000	2.6	10,800	3.2	541	760	1580
	12	12	12	12	12000	-	-	7,200	2.1	12,000	3.5	14,400	4.2	690	1150	1980
	18	18	18	18	18000	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1330	2370
	5	5	10	5	5000	5000	-	6,000	1.8	10,000	2.9	12,000	3.5	811	811	1690
2 Unit	5	7	12	5	5000	7000	-	7,200	2.1	12,000	3.5	14,400	4.2	811	910	1830
	5	9	14	5	5000	9000	-	8,400	2.5	14,000	4.1	16,800	4.9	811	1020	2170
	5	12	17	5	5000	12000	-	10,200	3.0	17,000	5.0	20,400	6.0	811	1230	2250
	5	18	23	3913	14087	-	-	10,800	3.2	18,000	5.3	21,600	6.3	811	1250	2370
	7	7	14	7	7000	7000	-	8,400	2.5	14,000	4.1	16,800	4.9	811	1020	2090
	7	9	16	7	7000	9000	-	9,600	2.8	16,000	4.7	19,200	5.6	906	1170	2210
	9	9	18	9	9000	9000	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	7	12	19	6632	11368	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	9	12	21	7714	10286	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	12	12	24	9000	9000	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	7	18	25	9000	9000	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	9	18	27	9000	9000	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	12	18	30	9000	9000	-	-	10,800	3.2	18,000	5.3	21,600	6.3	924	1250	2370
	5	5	5	15	5000	5000	5000	9,000	2.6	15,000	4.4	18,000	5.3	947	1050	2350
3 Unit	5	5	7	17	5000	5000	7000	10,200	3.0	17,000	5.0	20,400	6.0	947	1140	2320
	5	5	9	19	4737	4737	8526	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	5	12	22	4091	4091	9818	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	7	7	19	4737	6632	6632	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	7	9	21	4286	6000	7714	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	7	12	24	3750	5250	9000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	9	9	23	3913	7043	7043	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	9	12	26	3442	6231	8308	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	5	12	12	29	3103	7448	7448	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	7	21	6000	6000	6000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	7	21	6000	6000	6000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	9	23	5478	5478	7043	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	9	9	25	5040	6480	6480	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	7	12	26	4846	4846	8308	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	9	9	9	27	6000	6000	6000	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	7	9	12	28	4500	5786	7714	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350
	9	9	12	30	5400	5400	7200	10,800	3.2	18,000	5.3	21,600	6.3	947	1200	2350

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB

2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB

3. The total ability of connected a indoor unit is up to 30kBtu/h

4. At least two indoor units should be connected.

MU3M19 UEO

Operation	Combination			Heating												
				Each Capacity			Total Capacity			Input(W)						
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	5	5	5	5500	-	-	4800	1.4	5500	1.6	6,325	1.9	586	860	1290
	7	7	7	7	8400	-	-	4800	1.4	8400	2.5	9640	2.8	586	980	1400
	9	9	9	9	10800	-	-	6480	1.9	10800	3.2	12420	3.6	771	1140	1540
	12	12	12	12	13200	-	-	7920	2.3	13200	3.9	15180	4.4	866	1370	1820
	18	18	18	18	21600	-	-	12960	3.8	21600	6.3	24840	7.3	1150	1640	2480
	5	5	10	5	5500	5500	-	6600	1.9	11000	3.2	12650	3.7	933	1080	1640
2 Unit	5	7	12	5	5500	8400	-	8340	2.4	13900	4.1	15985	4.7	933	1280	1720
	5	9	14	5	5500	10800	-	9780	2.9	16300	4.8	18745	5.5	933	1460	1890
	5	12	17	5	5500	13200	-	11220	3.3	18700	5.5	21505	6.3	1095	1500	2040
	5	18	23	23	4696	16904	-	12960	3.8	21600	6.3	24840	7.3	1095	1530	2480
	7	7	14	7	8400	8400	-	10080	3.0	16800	4.9	19320	5.7	933	1460	2280
	7	9	16	7	8400	10800	-	11520	3.4	19200	5.6	22080	6.5	1001	1530	2410
	9	9	18	18	10800	10800	-	12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	7	12	19	19	7957	13643	-	12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	9	12	21	21	9257	12343	-	12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	12	12	24	24	10800	10800	-	12960	3.8	21600	6.3	24840	7.3	1150	1580	2480
	7	18	25	25	10800	10800	-	12960	3.8	21600	6.3	24840	7.3	1150	1490	2480
	9	18	27	27	10800	10800	-	12960	3.8	21600	6.3	24840	7.3	1150	1490	2480
	12	18	30	30	10800	10800	-	12960	3.8	21600	6.3	24840	7.3	1150	1490	2480
3 Unit	5	5	5	15	5500	5500	5500	9900	2.9	16500	4.8	18975	5.6	1095	1270	2260
	5	5	7	17	5500	5500	8400	11640	3.4	19400	5.7	22310	6.5	1095	1310	2380
	5	5	9	19	5684	5684	10232	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	5	12	22	4909	4909	11782	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	7	7	19	5684	7958	7958	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	7	9	21	5143	7200	9257	12960	3.8	21600	6.3	24840	7.3	1095	1330	2400
	5	7	12	24	4500	6300	1									

Combination Table_ MULTI

MU3M21 UEO

Operation	Combination (kBtu/h)			Cooling												
				Each Capacity (Btu/h)			Total Capacity			Input (W)						
	Unit-A	Unit-B	Unit-C	Total	Unit-A	Unit-B	Unit-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max
1 Unit	5	5	5	5	5,000	-	-	6,300	1.3	5,000	1.5	5,500	1.6	720	720	810
	7	7	7	7	7,000	-	-	6,300	1.9	7,000	2.1	7,700	2.3	720	720	810
	9	9	9	9	9,000	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	850	1,030
	12	12	12	12	12,000	-	-	7,200	2.1	12,000	3.5	13,200	3.9	672	1,120	1,510
	18	18	18	18	18,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,670	2,150
	5	5	5	10	5,000	5,000	-	6,000	1.8	10,000	2.9	11,000	3.2	756	910	1,680
2 Unit	5	7	12	12	5,000	7,000	-	7,200	2.1	12,000	3.5	13,200	3.9	756	1,020	1,860
	5	9	14	14	5,000	9,000	-	8,400	2.5	14,000	4.1	15,400	4.5	876	1,100	2,020
	7	7	14	14	7,000	7,000	-	8,400	2.5	14,000	4.1	15,400	4.5	756	1,100	2,020
	7	9	16	16	7,000	9,000	-	9,600	2.8	16,000	4.7	17,600	5.2	876	1,220	2,170
	5	12	17	17	5,000	12,000	-	10,200	3.0	17,000	5.0	18,700	5.5	1,008	1,350	2,260
	9	9	18	18	9,000	9,000	-	10,800	3.2	18,000	5.3	19,800	5.8	1,002	1,510	2,560
	7	12	19	19	7,000	12,000	-	11,400	3.4	19,000	5.6	20,900	6.1	1,008	1,640	2,710
	9	12	21	21	9,000	12,000	-	12,600	3.7	21,000	6.2	23,100	6.8	1,044	1,700	2,830
	5	18	23	23	5,000	18,000	-	13,800	4.1	21,000	6.8	23,100	6.8	1,284	1,770	2,870
	12	12	24	24	11,500	11,500	-	13,800	4.1	21,000	6.8	23,100	7.5	1,194	1,910	2,940
	7	18	25	25	6,720	17,280	-	14,400	4.2	21,000	7.1	23,100	7.8	1,284	1,830	2,940
	9	18	27	27	8,000	16,000	-	14,400	4.2	21,000	7.1	23,100	8.1	1,284	1,830	2,940
3Unit	12	18	30	30	9,600	14,400	-	14,400	4.2	21,000	7.1	23,100	8.5	1,284	1,830	2,940
	5	5	5	15	5,000	5,000	5,000	9,000	2.6	15,000	4.4	16,000	5.3	1,044	1,050	2,100
	5	5	7	17	5,000	5,000	7,000	10,200	3.0	17,000	5.0	20,400	6.0	1,044	1,260	2,410
	5	5	9	19	5,000	5,000	9,000	11,400	3.4	19,000	5.6	22,800	6.7	1,152	1,450	2,730
	5	7	7	19	5,000	7,000	7,000	11,400	3.4	19,000	5.6	22,800	6.7	1,044	1,450	2,730
	5	7	9	21	5,000	7,000	9,000	12,600	3.7	21,000	6.2	25,000	7.4	1,152	1,540	2,820
	7	7	7	21	7,000	7,000	7,000	12,600	3.7	21,000	6.2	25,000	7.4	1,044	1,540	2,820
	5	5	12	22	5,000	5,000	12,000	13,200	3.9	21,000	6.5	25,000	7.8	1,200	1,540	2,850
	7	7	9	23	7,000	7,000	9,000	13,800	4.1	21,000	6.8	25,000	8.1	1,152	1,540	2,910
	5	9	9	23	5,000	9,000	9,000	13,800	4.1	21,000	6.8	25,000	8.1	1,152	1,540	2,910
	5	7	12	24	5,000	7,000	12,000	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	7	9	9	25	6,720	8,640	8,640	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	5	9	12	26	4,615	8,308	11,077	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	7	7	12	26	6,462	6,462	11,077	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	9	9	9	27	8,000	8,000	8,000	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	7	9	12	28	6,000	7,714	10,286	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	5	5	18	28	4,286	4,286	15,429	14,400	4.2	21,000	7.1	25,000	8.5	1,230	1,540	2,910
	5	12	12	29	4,138	9,931	9,931	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	5	7	18	30	4,000	5,600	14,400	14,400	4.2	21,000	7.1	25,000	8.5	1,230	1,540	2,910
	9	9	12	30	7,200	7,200	9,600	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	7	12	12	31	5,419	9,290	9,290	14,400	4.2	21,000	7.1	25,000	8.5	1,200	1,540	2,910
	5	9	18	32	3,750	6,750	13,500	14,400	4.2	21,000	7.1	25,000	8.5	1,230	1,540	2,910
	7	7	18	32	5,250	5,250	13,500	14,400	4.2	21,000	7.1	25,000	8.5	1,230	1,540	2,910
	9	12	12	33	6,545	8,727	14,400	14,400	4.2	21,000	7.1	25,000	8.5	1,230	1,540	2,910

Note :
1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

MU3M21 UEO

Operation	Combination (kBtu/h)			Heating												
				Each Capacity (Btu/h)			Total Capacity			Input (W)						
	Unit-A	Unit-B	Unit-C	Total	Unit-A	Unit-B	Unit-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1 Unit	5	5	5	5	8,000	-	-	7,560	2.2	8,000	2.4	8,800	2.6	880	880	1,200
	9	9	9	9	10,000	-	-	7,560	2.2	10,000	2.9	10,900	3.2	880	1,010	1,340
	12	12	12	12	13,200	-	-	7,920	2.3	13,200	3.9	14,500	4.3	880	1,370	1,900
	18	18	18	18	19,800	-	-	11,880	3.5	19,800	5.8	21,800	6.4	1,200	2,080	2,730
	5	5	5	10	5,500	5,500	-	6,600	1.9	11,000	3.2	12,100	3.6	918	970	1,300
	5	7	12	12	5,500	8,400	-	8,340	2.5	13,900	4.1	15,290	4.5	918	1,160	1,850
2 Unit	5	9	14	14	5,500	10,000	-	9,300	2.7	15,500	4.6	18,500	5.4	1,038	1,400	2,200
	7	7	14	14	8,400	8,400	-	10,080	3.0	16,800	4.9	18,500	5.4	918	1,400	2,200
	7	9	16	16	8,400	10,800	-	11,520	3.4	19,200	5.6	21,100	6.2	1,038	1,710	2,510
	5	12	17	17	5,500	13,200	-	11,220	3.3	18,700	5.3	23,700	7.0	1,212	1,890	2,700
	9	9	18	18	10,800	10,800	-	12,960	3.8	21,600	6.4	23,700	7.0	1,200	2,040	2,660
	7	12	19	19	8,400	14,400	-	13,680	4.0	22,800	6.7	25,000	7.4	1,212	2,160	2,790
	9	18	27	27	9,600	19,200	-	15,120	4.4	24,000	7.4	26,500	8.1	1,260	2,390	2,950
	12	18	30	30	11,520	17,280	-	17,280	5.1	24,000	8.5	26,500	9.4	1,428	2,630	2,950
	5	5	5	15	5,500	5,500	5,500	9,900	2.9	16,500	4.9	18,150	5.3	1,260	1,260	2,430
	5	5	7	17	5,500	8,400	11,640	3.4	19,400	5.7	21,340	6.3	1,260	1,530	2,540	
	5	5	9	19	5,500	10,000	12,600	3.7	21,000	6.2	23,100	6.8	1,278	1,750	2,680	
	5	7	7	19	5,500	8,400	8,000	13,140	3.9	21,900	6.4	24,090	7.1	1,260	1,750	2,680
3Unit	5	7	9	21	5,500	10,000	14,340	4.2	24,000	7.0	26,500</td					

Combination Table_ MULTI

LG Air Conditioners 2010 | 102_103

MU4M25 UEO

Operation	Combination of Indoor Unit (kBtu/h)					Cooling													
						Each Capacity				Total Capacity				Input (W)					
	Min	Rating	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	W	W				
1 Unit	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	5	5,000	-	-	-	6,300	1.3	5,000	1.5	5,500	1.6	720	720	810
	5	7	7	7	20	5,000	7,000	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	720	720	810
	7	9	9	9	24	5,000	7,000	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	850	1,050
	9	12	12	12	32	5,000	7,000	-	-	-	7,200	2.1	12,000	3.5	13,000	3.9	872	1,100	1,510
	12	12	12	12	32	5,000	7,000	-	-	-	10,800	3.2	18,000	5.1	19,800	5.8	1,002	1,670	2,150
	18	18	18	18	36	5,000	7,000	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,230	2,010	3,090
	24	24	24	24	48	5,000	7,000	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,230	2,010	3,090
	5	7	9	12	18	5,000	7,000	-	-	-	10,800	3.2	18,000	5.1	19,800	5.8	1,002	1,510	2,150
	7	9	12	12	24	5,000	7,000	-	-	-	10,800	3.2	18,000	5.1	19,800	5.8	1,002	1,510	2,150
	9	12	12	12	24	5,000	7,000	-	-	-	10,800	3.2	18,000	5.1	19,800	5.8	1,002	1,510	2,150
2 Unit	5	5	7	7	10	5,000	5,000	-	-	-	6,000	1.8	11,000	3.2	756	910	1,680		
	5	7	7	7	12	5,000	7,000	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	1,020	1,860	
	5	9	9	9	14	5,000	9,000	-	-	-	8,400	2.5	14,000	4.1	15,400	4.5	876	1,100	2,020
	7	7	7	7	14	7,000	7,000	-	-	-	8,400	2.5	14,000	4.1	15,400	4.5	876	1,100	2,020
	7	9	9	9	16	7,000	9,000	-	-	-	9,600	2.8	16,000	4.7	17,600	5.2	876	1,220	2,170
	5	12	12	12	24	5,000	7,000	-	-	-	10,800	3.0	18,000	5.0	19,800	5.5	1,020	1,920	
	9	12	12	12	24	5,000	7,000	-	-	-	10,800	3.0	18,000	5.0	19,800	5.5	1,020	1,920	
	12	12	12	12	24	5,000	7,000	-	-	-	10,800	3.0	18,000	5.0	19,800	5.5	1,020	1,920	
	18	18	18	18	36	5,000	7,000	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,230	2,010	3,090
	24	24	24	24	48	5,000	7,000	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,230	2,010	3,090
3 Unit	5	5	5	5	15	5,000	5,000	-	-	-	9,000	2.6	15,000	4.4	18,000	5.3	1,044	1,050	2,100
	5	5	7	7	17	5,000	5,000	-	-	-	10,200	3.0	18,000	5.0	1,044	1,260	2,410		
	5	5	9	9	19	5,000	9,000	-	-	-	11,400	3.4	19,000	5.6	22,800	6.7	1,152	1,450	2,730
	5	7	7	7	19	5,000	7,000	-	-	-	11,400	3.4	19,000	5.6	22,800	6.7	1,044	1,370	2,730
	5	7	9	9	21	5,000	7,000	-	-	-	12,600	3.7	21,000	6.8	1,152	1,540	2,930		
	7	7	7	7	21	7,000	7,000	-	-	-	12,600	3.7	21,000	6.8	1,152	1,540	2,930		
	7	7	7	7	21	7,000	7,000	-	-	-	12,600	3.7	21,000	6.8	1,152	1,540	2,930		
	7	9	9	9	23	7,000	7,000	-	-	-	13,800	4.1	23,000	6.8	1,152	1,790	2,910		
	5	9	9	9	23	5,000	9,000	-	-	-	13,800	4.1	23,000	6.8	1,152	1,790	2,910		
	7	12	12	12	24	5,000	7,000	-	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
4 Unit	5	5	5	5	26	5,000	4,936	8,936	11,077	-	10,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	7	7	26	5,000	4,936	8,936	11,077	-	10,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	9	9	28	6,000	8,000	8,000	8,000	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
	5	5	12	12	30	4,941	6,353	7,727	8,727	-	14,400	4.2	24,000	7.1	28,800	8.5	1,200	1,820	3,050
5 Unit	5	5	5	5	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	5	7	7	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	5	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	7	7	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
	5	7	9	9	39	5,538	7,385	11,077	-	-	14,400	4.2	24,000	7.1	28,800	8.5	1,230	1,820	3,020
6 Unit	5	5	5	5	20	5,000	5,000	5,000	5,000	-	12,000	3.5	20,000	5.9	24,000	7.1	1,194	1,470	2,700
	5	5	7	7	20	5,000	5,000	5,000	5,000	-	13,200	3.9	22,000	6.5	24,400	7.8	1,194	1,590	2,830
	5	5	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	7	7	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
	5	7	9	9	24	5,000	5,000	5,000	5,000	-	14,400	4.2	24,000	7.1	25,500	8.4	1,194	1,730	2,730
7 Unit	5	5	5	5	37	5,000	5,000	5,000	5,000	-	8,727	4.2	24,000	7.1	29,000	8.5	1,194</		

Combination Table_ MULTI

MU4M27 U40

Operation	Combination of Indoor Unit (kBtu/h)					Cooling																
						Each Capacity			Total Capacity			Input(W)										
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A(Btu/h)	UNIT-B(Btu/h)	UNIT-C(Btu/h)	UNIT-D(Btu/h)	UNIT-E(Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max		
1 Unit	5	5	-	-	-	5	5,000	-	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	720	720	790		
	7	7	7,000	-	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	720	720	790	-	-	-	-		
	9	9	9,000	-	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	820	1,000	-	-	-	-		
	12	12	12,000	-	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	774	1,070	1,480	-	-	-	-		
	18	18	18,000	-	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,097	1,610	2,110	-	-	-	-		
	24	24	24,000	-	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,650	1,920	3,060	-	-	-	-		
	5	5	10	5,000	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	834	910	1,720	-	-	-	-		
	5	7	12	5,000	7,000	-	-	-	7,200	2.1	12,000	3.5	13,800	4.1	834	1,020	1,910	-	-	-	-	
	5	9	14	5,000	9,000	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	1,094	1,100	2,040	-	-	-	-	
	7	7	14	7,000	7,000	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	834	1,100	2,040	-	-	-	-	
2 Unit	7	9	16	7,000	9,000	-	-	-	9,600	2.8	16,000	4.7	18,400	5.4	1,094	1,220	2,190	-	-	-	-	
	5	12	17	5,000	12,000	-	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,311	1,350	2,270	-	-	-	-	
	9	9	18	9,000	9,000	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,265	1,510	2,570	-	-	-	-	
	7	12	19	7,000	12,000	-	-	-	11,400	3.4	19,000	5.6	20,900	6.1	1,311	1,640	2,730	-	-	-	-	
	9	12	21	9,000	12,000	-	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,490	1,700	2,850	-	-	-	-	
	5	18	23	5,000	18,000	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,746	1,770	2,890	-	-	-	-	
	12	12	24	12,000	12,000	-	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,653	1,910	3,070	-	-	-	-	
	7	18	25	7,000	18,000	-	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,746	2,030	3,100	-	-	-	-	
	9	18	27	9,000	18,000	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,893	2,240	3,120	-	-	-	-	
	5	24	29	5,000	24,000	-	-	-	17,400	5.1	27,000	8.5	31,050	9.4	1,979	2,420	3,120	-	-	-	-	
3 Unit	12	18	30	12,000	18,000	-	-	-	18,000	5.3	27,000	8.8	31,050	9.7	1,979	2,510	3,120	-	-	-	-	
	7	24	31	6,774	23,226	-	-	-	18,000	5.3	27,000	8.8	31,050	9.7	1,979	2,510	3,120	-	-	-	-	
	9	24	33	8,182	21,818	-	-	-	18,000	5.3	27,000	8.8	31,050	9.7	1,979	2,510	3,120	-	-	-	-	
	18	18	36	15,000	15,000	-	-	-	18,000	5.3	27,000	8.8	31,050	10.1	1,979	2,510	3,120	-	-	-	-	
	12	24	36	10,000	20,000	-	-	-	18,000	5.3	27,000	8.8	31,050	9.7	1,979	2,510	3,120	-	-	-	-	
	5	5	5	15	5,000	5,000	5,000	-	-	9,000	2.6	15,000	4.4	17,250	5.1	1,490	1,050	2,100	-	-	-	-
	5	5	7	17	5,000	5,000	7,000	-	-	10,200	3.0	17,000	5.0	19,550	5.7	1,490	1,260	2,410	-	-	-	-
	5	5	9	19	5,000	5,000	9,000	-	-	11,400	3.4	19,000	5.6	21,850	6.4	1,575	1,450	2,730	-	-	-	-
	5	7	7	19	5,000	7,000	7,000	-	-	11,400	3.4	19,000	5.6	21,850	6.4	1,490	1,450	2,730	-	-	-	-
	5	7	9	21	5,000	7,000	9,000	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,575	1,540	2,820	-	-	-	-
4 Unit	7	7	7	21	7,000	7,000	7,000	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820	-	-	-	-
	5	5	12	22	5,000	5,000	12,000	-	-	13,200	3.9	22,000	6.5	25,300	7.4	1,800	1,610	2,850	-	-	-	-
	7	7	9	23	7,000	7,000	9,000	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,575	1,790	2,910	-	-	-	-
	5	9	9	23	5,000	9,000	9,000	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,746	1,790	2,910	-	-	-	-
	5	7	12	24	5,000	7,000	12,000	-	-	14,400	4.2	24,000	7.1	27,600	8.1	1,800	1,820	3,050	-	-	-	-
	7	9	9	25	7,000	9,000	9,000	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,746	1,930	3,070	-	-	-	-
	5	9	12	26	5,000	9,000	12,000	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,909	2,030	3,080	-	-	-	-
	7	7	12	26	7,000	7,000	12,000	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,800	2,030	3,080	-	-	-	-
	9	9	9	27	9,000	9,000	9,000	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,893	2,120	3,100	-	-	-	-
	7	9	12	28	7,000	9,000	12,000	-	-	16,800	4.9	27,000	8.2	31,050	9.5	1,909	2,220	3,120	-	-	-	-
	5	5	18	28	5,000	5,000	18,000	-	-	16,800	4.9	27,000	8.2	31,050	9.5	1,948	2,220	3,120	-	-	-	-
3 Unit	5	12	29	5,000	12,000	12,000	-	-	17,400	5.1	27,000	8.5	31,050	9.5	1,948	2,330	3,120	-	-	-	-	
	5	7	18	30	5,000	7,000	18,000	-	-	18,000	5.3	27,000	8.8	31,050	10.1	1,948	2,420	3,120	-	-	-	-
	9	9	12	30	9,000	9,000	12,000	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	7	12	31	6,774	11,613	11,613	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-	
	5	9	18	32	4,688	8,438	16,875	-	-	18,000	5.3	27,000	8.8	31,050	10.1	1,948	2,420	3,120	-	-	-	-
	7	7	18	32	6,563	6,563	16,875	-	-	18,000	5.3	27,000	8.8	31,050	10.1	1,948	2,420	3,120	-	-	-	-
	9	12	33	8,182	10,909	10,909	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-	
	7	9	18	34	6,176	7,941	15,882	-	-	18,000	5.3	27,000	8.8	31,050	10.1	1,948	2,420	3,120	-	-	-	-
	5	5	24	34	4,412	4,412	21,176	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	5	12	18	35	4,286	10,286	15,429	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	7	7	24	36	4,167	5,833	20,000	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
MU4M27 U40	9	9	18	36	7,500	7,500	15,000	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	7	12	18	37	5,676	9,730	14,595	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	5	9	24	38	3,947	7,105	18,947	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	7	7	24	38	5,526	5,526	18,947	-	-	18,000	5.3	27,000	8.8	31,050	9.9	1,948	2,420	3,120	-	-	-	-
	9	12	18	39	6,92																	

Combination Table_ MULTI

MU4M27 U40

Operation	Combination of Indoor Unit (kBtu/h)	Heating														
		Each Capacity				Total Capacity				Input(W)						
		Min	Rating	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max			
1 Unit	UNIT-A UNIT-B UNIT-C UNIT-D UNIT-E Total	5,500	-	-	-	-	5,000	1.5	5,500	1.6	6,050	1.8	880	840	1,440	
	5	5,500	-	-	-	-	7,560	2.2	8,000	2.4	8,800	2.6	880	880	1,440	
	7	8,000	-	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	978	1,010	1,630	
	9	10,000	-	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	1,273	1,370	2,250	
	12	13,200	-	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,901	2,080	3,310	
	18	19,800	-	-	-	-	15,240	4.5	25,400	7.5	26,600	7.8	2,569	2,770	3,870	
	24	25,400	-	-	-	-	15,240	4.5	25,400	7.5	26,600	7.8	2,569	2,770	3,870	
2 Unit	5 5	10	6,000	6,000	-	-	7,200	2.1	12,000	3.5	13,800	4.1	1,249	970	1,850	
	5 7	12	6,000	8,400	-	-	8,640	2.5	14,400	4.2	16,560	4.9	1,249	1,160	2,160	
	5 9	14	6,000	10,800	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,366	1,400	2,557	
	7 7	14	8,400	8,400	-	-	10,080	3.0	16,800	4.9	19,320	5.7	1,249	1,400	2,557	
	7 9	16	8,400	10,800	-	-	11,520	3.4	19,200	5.6	22,080	6.5	1,366	1,710	3,100	
	5 12	17	6,000	14,400	-	-	12,240	3.6	20,400	6.0	22,440	6.6	1,311	1,890	3,403	
	9 9	18	10,800	10,800	-	-	12,960	3.8	21,600	6.4	24,840	7.3	1,406	2,060	3,587	
	7 12	19	8,400	14,400	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,886	2,160	3,383	
	9 12	21	10,800	14,400	-	-	15,120	4.4	25,200	7.4	27,720	8.1	2,320	2,390	3,390	
	5 18	23	6,000	21,600	-	-	14,560	4.9	27,600	8.1	31,740	9.3	1,746	2,630	3,450	
	12 12	24	14,400	14,400	-	-	17,280	5.1	28,800	8.5	31,680	9.3	2,522	2,770	3,540	
	7 18	25	8,400	21,600	-	-	18,000	5.3	30,000	8.8	33,000	10.1	2,631	2,810	3,600	
	9 18	27	10,800	21,600	-	-	19,440	5.7	31,000	9.5	34,100	11.0	2,770	2,900	3,680	
	5 24	29	5,750	27,600	-	-	20,010	5.9	31,000	9.8	34,100	10.8	1,979	3,010	3,680	
	12 18	30	13,800	20,700	-	-	20,700	6.1	31,000	10.1	34,100	11.2	2,957	3,090	3,680	
	7 24	31	7,790	26,710	-	-	20,700	6.1	31,000	10.1	34,100	11.2	2,957	3,090	3,680	
	9 24	33	9,409	25,091	-	-	20,700	6.1	31,000	10.1	34,100	11.2	2,957	3,090	3,680	
	18 18	35	17,250	17,250	-	-	20,700	6.1	31,000	10.1	34,100	11.7	2,910	3,090	3,680	
	12 24	36	11,500	23,000	-	-	20,700	6.1	31,000	10.1	34,100	11.2	2,910	3,090	3,680	
3 Unit	5 5 5	15	6,000	6,000	6,000	-	-	10,800	3.2	18,000	5.3	20,160	6.1	1,490	1,260	2,580
	5 5 7	17	6,000	6,000	8,400	-	-	12,240	3.6	20,400	6.0	22,848	6.9	1,490	1,530	2,700
	5 5 9	19	6,000	6,000	10,800	-	-	13,680	4.0	22,800	6.7	25,533	7.7	1,575	1,750	2,830
	5 7 7	19	6,000	8,400	8,400	-	-	13,680	4.0	22,800	6.7	25,536	7.7	1,490	1,750	2,830
	5 7 9	21	6,000	8,400	10,800	-	-	15,120	4.4	25,200	7.4	28,224	8.5	1,575	1,860	2,960
	7 7 7	21	8,400	8,400	8,400	-	-	15,120	4.4	25,200	7.4	28,224	8.5	1,599	1,860	2,960
	5 5 12	22	6,000	6,000	14,400	-	-	15,840	4.7	26,400	7.8	29,568	8.9	1,800	1,950	3,030
	7 7 9	23	8,400	8,400	10,800	-	-	15,650	4.9	27,600	8.1	30,912	9.3	1,754	2,020	3,150
	5 9 9	23	6,000	10,800	10,800	-	-	16,560	4.9	27,600	8.1	30,912	9.3	1,746	2,020	3,150
	5 7 12	24	6,000	8,400	14,400	-	-	17,280	5.1	28,800	8.5	32,256	9.7	1,800	2,110	3,290
	7 9 9	25	8,400	10,800	10,800	-	-	18,000	5.3	30,000	8.8	33,600	10.1	1,979	2,220	3,410
	5 9 12	26	6,000	10,800	14,400	-	-	18,720	5.5	30,000	9.2	33,600	10.5	1,909	2,320	3,500
	7 7 12	26	8,400	8,400	14,400	-	-	18,720	5.5	30,000	9.2	33,600	10.5	2,103	2,320	3,500
	9 9 9	27	10,800	10,800	10,800	-	-	19,440	5.7	31,000	9.5	34,720	11.0	2,243	2,410	3,570
	7 9 12	28	8,400	10,800	14,400	-	-	20,160	5.9	31,000	9.9	34,720	11.4	2,359	2,480	3,620
	5 5 18	28	6,000	6,000	21,600	-	-	20,160	5.9	31,000	9.9	34,720	11.4	2,491	2,480	3,620
	5 12 12	29	6,000	14,400	14,400	-	-	20,880	6.1	31,000	10.2	34,720	11.5	2,491	2,560	3,650
	5 7 18	30	5,750	8,050	20,700	-	-	20,700	6.1	31,000	10.1	34,720	11.7	2,491	2,690	3,680
	9 9 12	30	10,350	10,350	13,800	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	7 12 12	31	7,790	13,355	13,355	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	5 9 18	32	5,391	9,703	19,406	-	-	20,700	6.1	31,000	10.1	34,720	11.7	2,491	2,690	3,680
	7 7 18	32	7,547	7,547	19,406	-	-	20,700	6.1	31,000	10.1	34,720	11.7	2,491	2,690	3,680
	9 12 12	33	9,409	12,545	12,545	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	7 9 18	34	7,103	9,132	18,265	-	-	20,700	6.1	31,000	10.1	34,720	11.7	2,491	2,690	3,680
	5 5 24	34	5,074	5,074	24,353	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	5 12 18	35	4,929	11,829	17,743	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	7 7 24	36	4,792	6,708	23,000	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	12 12 12	36	11,500	11,500	11,500	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	9 9 18	36	8,625	8,625	17,250	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	7 12 18	37	6,527	11,189	16,784	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	5 9 24	38	4,539	8,171	21,789	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	7 7 24	38	6,355	6,355	21,789	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	9 12 18	39	7,962	10,615	15,923	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	7 9 24	40	6,038	7,763	20,700	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	5 12 24	41	4,207	10,098	20,195	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680
	5 18 18	41	4,207	15,146	-	-	20,700	6.1	31,000	10.1	34,720	11.4	2,491	2,690	3,680	

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Operation	Combination of Indoor Unit (kBtu/h)	Heating														
		Each Capacity				Total Capacity				Input(W)						
		Min	Rating	Max	Btu/h	kW	Min	Rating	Max	Btu/h	kW	Min	Rated			
4 Unit	5 5 5 5	20	6,000	6,000	6,000	6,000	-	14,400	4.2	24,000	7.1	26,880	8.5	2,095	1,650	2,920
	5 5 5 7	22	6,000	6,000	6,0											

Combination Table_ MULTI

MU5M30 U40

Operation	Combination of Indoor Unit (kBtu/h)	Cooling																		
		Each Capacity					Total Capacity			Input (W)										
		Min		Rating		Max	Btu/h		kW		Btu/h		kW		Min		Rated		Max	
1 Unit	UNIT-A UNIT-B UNIT-C UNIT-D UNIT-E Total	5	5,000	-	-	-	-	-	6,300	1.9	5,000	1.5	5,500	1.6	720	720	790	790	790	790
		7	7,000	-	-	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	720	720	790	790	790	790
		9	9,000	-	-	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	720	820	1,000	1,000	1,000	1,000
		12	12,000	-	-	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	774	1,070	1,480	1,480	1,480	1,480
		18	18,000	-	-	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,209	1,610	2,110	2,110	2,110	2,110
		24	24,000	-	-	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,650	1,920	3,060	3,060	3,060	3,060
2 Unit	5 5	5	5,000	5,000	-	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	834	991	1,720	1,720	1,720	1,720
		5	7,000	5,000	7,000	-	-	-	7,200	2.1	12,000	3.5	13,100	4.1	834	1,000	1,910	1,910	1,910	1,910
		5	9,000	5,000	9,000	-	-	-	8,400	2.5	14,000	4.6	16,100	4.7	1,094	1,100	2,040	2,040	2,040	2,040
		7	7,000	7,000	7,000	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	834	1,100	2,040	2,040	2,040	2,040
		7	9,000	7,000	9,000	-	-	-	9,400	2.8	16,000	4.7	18,400	5.4	1,094	1,230	2,190	2,190	2,190	2,190
		5	12,000	5,000	12,000	-	-	-	10,200	3.0	17,000	5.0	18,700	5.5	1,311	1,350	2,270	2,270	2,270	2,270
		9	9,000	9,000	-	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	1,265	1,510	2,570	2,570	2,570	2,570
		7	12,000	7,000	12,000	-	-	-	11,400	3.4	19,000	5.6	20,900	6.1	1,311	1,640	2,730	2,730	2,730	2,730
		9	12,000	9,000	12,000	-	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,490	1,750	2,850	2,850	2,850	2,850
		5	18,000	5,000	18,000	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,746	1,890	2,890	2,890	2,890	2,890
		12	12,000	12,000	-	-	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,653	1,980	3,070	3,070	3,070	3,070
		7	18,000	7,000	18,000	-	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,746	2,130	3,100	3,100	3,100	3,100
		9	18,000	9,000	-	-	-	-	15,200	4.6	27,000	7.9	31,050	9.1	1,893	2,310	3,130	3,130	3,130	3,130
		5	24,000	5,000	24,000	-	-	-	17,400	5.1	29,000	8.5	31,900	9.4	1,979	2,420	3,140	3,140	3,140	3,140
		12	18,000	18,000	-	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	3,160	3,160	3,160
		7	24,000	7,000	24,000	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	3,160	3,160	3,160
		9	24,000	9,000	-	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	3,160	3,160	3,160
		18	18,000	15,000	-	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	3,160	3,160	3,160
		12	24,000	12,000	-	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	3,160	3,160	3,160
		24	18,000	12,000	-	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,979	2,510	3,160	3,160	3,160	3,160
3 Unit	5 5 5	5	2,000	2,000	5,000	5,000	-	-	6,000	3.0	15,000	4.4	1,098	1,850	2,100	2,100	2,100	2,100	2,100	2,100
		5	5,000	5,000	5,000	7,000	-	-	10,200	3.0	17,000	5.0	19,550	5.7	1,490	1,860	2,410	2,410	2,410	2,410
		5	5,000	5,000	9,000	-	-	-	11,400	3.4	19,000	5.4	21,850	6.4	1,575	1,450	2,730	2,730	2,730	2,730
		5	7,000	5,000	7,000	7,000	-	-	11,400	3.4	19,000	5.6	21,850	6.4	1,490	1,450	2,730	2,730	2,730	2,730
		5	7,000	5,000	9,000	-	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,575	1,540	2,820	2,820	2,820	2,820
		7	7,000	7,000	7,000	7,000	-	-	12,600	3.7	21,000	6.2	24,150	7.1	1,490	1,540	2,820	2,820	2,820	2,820
		5	12,000	5,000	12,000	-	-	-	13,200	3.9	22,000	6.5	25,300	7.4	1,800	1,610	2,850	2,850	2,850	2,850
		7	7,000	7,000	9,000	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,575	1,790	2,910	2,910	2,910	2,910
		9	12,000	5,000	9,000	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,746	1,790	2,910	2,910	2,910	2,910
		23	7,000	7,000	9,000	-	-	-	14,400	4.2	24,000	7.1	27,600	8.1	1,800	1,820	3,140	3,140	3,140	3,140
		7	9,000	9,000	9,000	-	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,746	1,930	3,070	3,070	3,070	3,070
		5	12,000	9,000	12,000	-	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,909	2,030	3,080	3,080	3,080	3,080
		7	12,000	7,000	12,000	-	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,909	2,030	3,080	3,080	3,080	3,080
		9	9,000	9,000	9,000	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,893	2,120	3,100	3,100	3,100	3,100
		28	7,000	9,000	12,000	-	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,909	2,220	3,120	3,120	3,120	3,120
		5	5,000	5,000	18,000	-	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,948	2,220	3,120	3,120	3,120	3,120
		29	5,000	12,000	-	-	-	-	17,400	5.1	32,480	9.5	1,948	2,330	3,140	3,140	3,140	3,140	3,140	3,140
		5	9,000	9,000	12,000	-	-	-	18,000	5.3	30,000	8.8	33,400	9.9	1,948	2,420	3,160	3,160	3,160	3,160
		7	12,000	9,000	12,000	-	-	-	18,000	5.3	30,000	8.8	33,400	9.9	1,948	2,420	3,160	3,160	3,160	3,160
		5	12,000	11,613	11,613	-	-	-	18,000	5.3	30,000	8.8	33,400	9.9	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	33,400	9.9	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,948	2,420	3,160	3,160	3,160	3,160
		5	9,000	8,438	8,438	-	-	-	18,000	5.3	30,000									

Combination Table_ MULTI

MU5M30 U40

Operation	Combination of Indoor Unit (kBtu/h)	Heating										
		Each Capacity			Total Capacity			Input (W)				
		Min	Rating	Max	Btu/h	kW	Btu/h	kW	Min	Rated	Max	
1 Unit	UNIT-A UNIT-B UNIT-C UNIT-D UNIT-E Total	5,500	-	-	-	-	7,560	2.2	5,500	1.6	6,050	1.8
5	5,500	7,560	2.2	5,500	1.6	6,050	1.8	880	840	1,440	1,440	
7	8,000	-	-	-	-	7,560	2.2	8,000	2.4	8,800	2.6	
9	9,000	-	-	-	-	7,560	2.2	10,000	2.9	9,788	1,010	
12	12,000	-	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	
18	18,180	-	-	-	-	11,880	3.5	19,800	5.8	21,788	6.4	
24	25,400	-	-	-	-	15,240	4.5	25,400	7.5	26,600	7.8	
2 Unit	UNIT-A UNIT-B UNIT-C UNIT-D UNIT-E Total	10,600	6,000	-	-	-	7,200	2.1	12,000	3.5	13,800	4.1
5	10,600	12,000	2.1	12,000	3.5	13,800	4.1	1,249	997	1,850	1,850	
5	7	8,000	2.5	8,000	2.4	8,800	2.6	1,160	1,040	1,610	1,610	
5	9	10,000	3.0	10,000	3.0	16,800	4.9	19,200	5.7	1,364	1,400	
7	7	8,400	8,400	-	-	10,800	3.0	16,800	4.9	19,320	5.7	
7	9	8,400	10,800	-	-	10,800	3.0	16,800	4.9	1,249	1,400	
5	12	17,600	14,400	-	-	11,520	3.4	19,200	5.5	1,364	1,710	
5	12	17,600	14,400	-	-	12,240	3.6	20,400	6.6	1,311	1,890	
9	9	18,000	10,800	-	-	12,960	3.8	21,600	6.4	24,840	7.3	
7	12	19,800	14,400	-	-	13,680	4.0	22,800	6.7	25,080	7.4	
9	12	21,800	14,400	-	-	15,120	4.4	25,200	7.4	27,720	8.1	
5	18	23,600	21,600	-	-	16,560	4.9	27,600	8.1	31,740	9.3	
12	12	24,1400	14,400	-	-	17,280	5.1	28,800	8.5	31,680	9.3	
7	18	25,800	21,600	-	-	18,000	5.3	30,000	8.8	34,500	10.1	
9	18	27,100	21,600	-	-	19,440	5.7	32,400	9.5	37,260	11.0	
5	24	29,570	27,600	-	-	20,010	5.9	33,350	9.8	36,685	10.2	
12	18	30,180	20,700	-	-	20,700	6.1	34,500	10.1	37,950	11.2	
7	24	31,790	26,710	-	-	20,700	6.1	34,500	10.1	37,950	11.2	
9	24	31,940	25,091	-	-	20,700	6.1	34,500	10.1	37,950	11.2	
18	18	32,150	17,250	-	-	20,700	6.1	34,500	10.1	37,950	11.7	
12	24	36,1100	23,000	-	-	20,700	6.1	34,500	10.1	37,950	11.7	
18	24	41,780	19,174	-	-	20,700	6.1	34,500	10.1	37,950	11.7	
24	48,170	17,250	-	-	-	20,700	6.1	34,500	10.1	37,950	11.7	
30 Unit	UNIT-A UNIT-B UNIT-C UNIT-D UNIT-E Total	15,600	6,000	-	-	-	10,900	3.3	18,000	5.3	21,000	6.1
5	5	5	17,600	6,000	-	-	12,240	3.6	20,400	6.6	23,460	6.9
5	5	7	19,600	6,000	-	-	12,240	3.6	20,400	6.6	1,490	1,530
5	5	9	19,600	10,800	-	-	13,680	4.0	22,800	6.7	24,220	7.7
5	7	7	19,600	8,400	8,400	-	13,680	4.0	22,800	6.7	1,490	1,750
9	9	21,600	8,400	10,800	-	-	15,120	4.4	25,200	7.4	28,980	8.5
7	7	21	8,400	8,400	8,400	-	15,120	4.4	25,200	7.4	28,980	8.5
5	5	12	22,600	6,000	14,400	-	15,840	4.7	26,400	7.8	30,360	8.9
7	7	9	23,800	8,400	10,800	-	16,560	4.9	27,600	8.1	31,740	9.3
5	9	23,800	10,800	10,800	-	-	17,280	5.1	28,800	8.5	32,400	9.5
5	7	12	24,600	8,400	14,400	-	17,280	5.1	28,800	8.5	33,120	9.7
7	9	25,800	10,800	10,800	-	-	18,000	5.3	30,000	8.8	34,500	10.1
5	9	12	26,600	10,800	14,400	-	18,720	5.5	31,200	9.2	35,880	10.5
7	7	26	8,400	8,400	14,400	-	18,720	5.5	31,200	9.2	35,880	10.5
9	9	27	10,800	10,800	10,800	-	19,440	5.7	32,400	9.5	37,260	11.0
7	9	28	10,800	10,800	14,400	-	20,160	5.9	33,600	9.9	38,640	11.4
5	18	28,600	6,000	21,600	-	-	20,160	5.9	33,600	9.9	38,640	11.4
5	12	29,600	14,400	14,400	-	-	20,880	6.1	34,500	10.2	38,976	11.5
5	7	30,750	8,050	20,700	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	9	30,750	10,500	13,800	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	31,750	13,355	13,355	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	9	31,750	9,703	19,404	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	9	32,150	7,547	7,547	19,404	-	20,700	6.1	34,500	10.1	39,675	11.4
7	7	32,150	7,547	7,547	19,404	-	20,700	6.1	34,500	10.1	39,675	11.4
9	9	32,150	12,455	12,455	19,404	-	20,700	6.1	34,500	10.1	39,675	11.4
7	9	32,150	9,132	18,265	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	5	34	5,074	24,353	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	35,074	17,433	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	36,470	23,000	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	37,074	20,700	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	37,950	10,800	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	38,600	10,800	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	39,675	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	40,160	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	40,675	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	41,240	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	41,815	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	42,490	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	43,165	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	43,840	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	44,515	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	45,190	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	45,865	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	46,540	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	47,215	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	47,890	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	48,565	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	49,240	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	49,915	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	50,590	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	51,265	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	51,940	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	52,615	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	53,290	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	53,965	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	54,640	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	55,315	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	55,990	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	56,665	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	57,340	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	58,015	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	58,690	11,4	-	-	-	20,700	6.1	34,500	10.1	39,675	11.4
5	7	59,365	11,4	-	-	-	20,700	6.1	34,500	10.1		

Combination Table_ MULTI

MU5M40 UH0

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input(W)		
	Min		Rating		Max				
Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	
16	9,600	2.8	18,000	4.7	18,400	5.4	1,038	1,730	2,140
18	10,800	3.2	18,000	5.3	20,700	6.1	1,107	1,845	2,280
19	11,400	3.3	19,000	5.6	21,850	6.4	1,136	1,894	2,360
21	12,600	3.7	21,000	6.2	24,150	7.1	1,244	2,074	2,575
23	13,800	4.0	23,000	6.7	26,450	7.7	1,317	2,195	2,705
24	14,400	4.2	24,000	7.0	27,600	8.1	1,420	2,346	2,960
25	15,000	4.4	25,000	7.3	28,750	8.4	1,459	2,432	3,024
26	15,600	4.6	26,000	7.6	29,900	8.8	1,501	2,502	3,140
27	16,200	4.7	27,000	7.9	31,050	9.1	1,536	2,560	3,190
28	16,800	4.9	28,000	8.2	32,200	9.4	1,593	2,655	3,310
30	18,000	5.3	30,000	8.8	34,500	10.1	1,684	2,814	3,487
31	18,600	5.4	31,000	9.1	35,650	10.4	1,696	2,826	3,524
32	19,200	5.6	32,000	9.4	36,800	10.8	1,755	2,925	3,640
33	19,800	5.8	33,000	9.7	37,950	11.1	1,788	2,980	3,712
34	20,400	6.0	34,000	10.0	39,100	11.5	1,872	3,120	3,820
35	21,000	6.2	35,000	10.3	40,250	11.8	1,944	3,240	4,068
36	21,600	6.3	36,000	10.5	41,400	12.1	2,020	3,366	4,232
37	22,200	6.5	37,000	10.8	42,550	12.5	2,106	3,510	4,410
38	22,800	6.7	38,000	11.1	43,700	12.8	2,144	3,574	4,500
39	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
40	24,000	7.0	40,000	11.7	45,000	13.5	2,178	3,630	4,652
41	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
42	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
43	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
44	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
45	24,000	7.0	40,000	11.7	46,000	13.5	2,190	3,650	4,652
46	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
47	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
48	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
49	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
50	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
51	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652
52	24,000	7.0	40,000	11.7	46,000	13.5	2,178	3,630	4,652

MU5M40 UH0

Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input(W)		
	Min		Rating		Max				
Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	
16	11,040	3.2	18,400	5.4	20,424	6.0	1,428	2,380	2,642
18	12,420	3.6	20,700	6.1	22,977	6.7	1,542	2,604	2,860
19	13,110	3.8	21,850	6.4	24,254	7.1	1,638	2,730	3,004
21	14,490	4.2	24,150	7.1	26,807	7.9	1,728	2,880	3,292
23	15,870	4.6	26,450	7.7	29,360	8.6	1,749	2,915	3,346
24	16,560	4.9	27,600	8.1	30,630	9.0	1,809	3,015	3,412
25	17,250	5.1	28,750	8.4	31,913	9.4	1,859	3,09	3,540
26	17,940	5.3	29,900	8.8	33,189	9.7	1,958	3,264	3,705
27	18,630	5.5	31,050	9.1	34,466	10.1	2,009	3,349	3,818
28	19,320	5.7	32,200	9.4	35,742	10.5	2,055	3,425	3,980
30	20,700	6.1	34,500	10.1	38,295	11.2	2,074	3,454	4,165
31	21,390	6.3	35,650	10.4	39,572	11.6	2,094	3,483	4,234
32	22,080	6.5	36,800	10.8	40,848	12.0	2,110	3,517	4,360
33	22,770	6.7	37,950	11.1	42,125	12.3	2,143	3,571	4,464
34	23,460	6.9	39,100	11.5	43,401	12.7	2,162	3,604	4,585
35	24,150	7.1	40,250	11.8	44,678	13.1	2,167	3,612	4,606
36	24,840	7.3	41,400	12.1	45,954	13.5	2,182	3,636	4,655
37	25,530	7.5	42,550	12.5	47,231	13.8	2,184	3,644	4,745
38	26,220	7.7	43,700	12.8	48,507	14.2	2,190	3,650	4,770
39	26,910	7.9	44,850	13.1	49,784	14.6	2,200	3,674	4,811
40	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
41	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
42	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
43	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
44	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
45	27,600	8.1	46,000	13.5	50,000	14.7	2,220	3,700	4,843
46	27,600	8.1	46,000	13.5	51,000	14.9	2,220	3,700	4,843
47	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,652
48	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,652
49	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,652
50	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,652
51	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,652
52	27,600	8.1	46,000	13.5	51,000	14.9	2,190	3,650	4,652

FM40AH UH5

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input(W)		
	Min		Rating		Max				
Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	
16	9,600	2.8	18,400	5.4	20,424	6.0	1,038	1,730	2,140
18	10,800	3.2	20,700	6.1	22,977	6.7	1,107	1,845	2,280
19	11,400	3.3	19,000	5.6	21,850	6.4	1,136	1,894	2,360
21	12,600	3.7	21,000	6.2	24,150	7.1	1,244	2,074	2,575
23	13,800	4.0	23,000	6.7	26,450	7.7	1,317	2,195	2,708
24	14,400	4.2	24,000	7.0	27,600	8.1	1,420	2,346	2,960
25	15,000	4.4	25,000	7.3	28,750	8.4	1,459	2,432	3,024
26	15,600	4.6	26,000	7.6	29,900	8.8	1,501	2,502	3,140
27	16,200	4.7	27,000	7.9	31,050	9.1	1,536	2,560	3,190
28	16,800	4.9	28,000	8.2	32,200	9.4	1,593	2,655	3,310
30	18,000	5.3	30,000	8.8	34,500	10.1	1,684	2,814	3,487
31	18,600	5.4	31,000	9.1	35,650	10.4	1,696	2,826	3,524
32	19,200	5.6	32,000	9.4	36,800	10.8	1,755	2,925	3,640
33	19,800	5.8	33,000	9.7	37,950	11.1	1,788	2,980	3,712
34	20,400	6.0	34,000	10.0	39,100	11.5	1,872	3,120	3,820
35	21,000	6.2	35,000	10.3	40,250	11.8	1,944	3,240	4,068
36	21,600	6.3	36,000	10.5	41,400	12.1	2,020	3,366	4,232
37	22,200	6.5	37,000	10.8	42,550	12.5	2,105	3,510	4,410
38	22,800	6.7	38,000	11.1	43,700	12.8	2,144	3,574	4,500
39	23,400	6.9	39,000	11.4	44,850	13.1	2,173	3,621	4,570
40	24,000	7.0	40,000	11.7	45,000	13.5	2,178	3,630	4,652
41	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
42	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
43	24,000	7.0	40,000	11.7	45,000	13.5	2,190	3,650	4,652
44	24,000								

Combination Table_ MULTI

FM48AH U33

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input(W)								
	Min		Rating		Max		Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	19,000	5.6	20,900	6.1	841	1,401	1,611						
20	12,000	3.5	20,000	5.9	22,000	6.4	883	1,472	1,693						
21	12,600	3.7	21,000	6.2	23,100	6.8	926	1,543	1,774						
22	13,200	3.9	22,000	6.4	24,200	7.1	968	1,614	1,856						
23	13,800	4.0	23,000	6.7	25,300	7.4	1,011	1,684	1,937						
24	14,400	4.2	24,000	7.0	26,400	7.7	1,053	1,755	2,019						
25	15,000	4.4	25,000	7.3	27,500	8.1	1,096	1,826	2,100						
26	15,600	4.6	26,000	7.6	28,500	8.4	1,141	1,935	2,225						
27	16,200	4.7	27,000	7.9	29,610	8.7	1,227	2,044	2,351						
28	16,800	4.9	28,000	8.2	30,670	9.0	1,292	2,153	2,476						
29	17,400	5.1	29,000	8.5	31,720	9.3	1,357	2,262	2,602						
30	18,000	5.3	30,000	8.8	32,780	9.6	1,423	2,372	2,727						
31	18,600	5.5	31,000	9.1	33,830	9.9	1,484	2,481	2,853						
32	19,200	5.6	32,000	9.4	34,890	10.2	1,554	2,590	2,978						
33	19,800	5.8	33,000	9.7	35,940	10.5	1,619	2,699	3,104						
34	20,400	6.0	34,000	10.0	37,000	10.8	1,685	2,808	3,229						
35	21,000	6.2	35,000	10.3	38,050	11.0	1,750	2,917	3,355						
36	21,600	6.3	36,000	10.5	39,600	11.6	1,816	3,026	3,480						
37	22,200	6.5	37,000	10.8	40,700	11.9	1,859	3,099	3,564						
38	22,800	6.7	38,000	11.1	41,800	12.2	1,903	3,172	3,648						
39	23,400	6.9	39,000	11.4	42,900	12.6	1,947	3,245	3,732						
40	24,000	7.0	40,000	11.7	44,000	12.9	2,091	3,318	3,816						
41	24,600	7.2	41,000	13.0	46,100	13.2	2,155	3,391	4,000						
42	25,200	7.4	42,000	13.3	48,200	13.5	2,219	3,464	4,050						
43	25,800	7.6	43,000	13.6	49,300	13.8	2,283	3,537	4,050						
44	26,400	7.7	44,000	12.9	48,340	14.2	2,395	3,624	4,398						
45	27,000	7.9	45,000	13.2	49,080	14.4	2,381	3,699	4,564						
46	27,600	8.1	46,000	13.5	50,150	14.6	2,464	3,777	4,636						
47	28,200	8.3	47,000	13.7	51,220	14.8	2,548	3,857	4,714						
48	28,800	8.4	48,000	13.8	52,300	15.5	2,622	3,931	4,786						
49	29,400	8.6	49,343	14.3	53,177	15.6	2,712	4,020	5,062						
50	30,000	8.8	49,684	14.3	53,554	15.7	2,797	4,053	5,077						
51	30,600	9.0	49,024	14.4	53,931	15.8	2,720	4,546	5,077						
52	31,200	9.1	49,372	14.5	54,300	15.9	2,733	4,559	5,106						
53	31,800	9.3	49,715	14.6	54,685	16.0	2,743	4,572	5,121						
54	32,400	9.5	50,058	14.7	55,062	16.1	2,751	4,585	5,135						
55	33,000	9.7	50,401	14.8	55,439	16.2	2,759	4,594	5,150						
56	33,600	9.8	50,744	14.9	55,816	16.4	2,767	4,611	5,164						
57	34,200	10.0	51,087	15.0	56,193	16.5	2,774	4,624	5,179						
58	34,800	10.2	51,430	15.1	56,570	16.6	2,782	4,637	5,190						
59	35,400	10.4	51,773	15.2	56,947	16.7	2,790	4,650	5,190						
60	36,000	10.5	52,116	15.3	57,324	16.8	2,798	4,663	5,190						
61	36,600	10.7	52,459	15.4	57,701	16.9	2,806	4,676	5,190						
62	37,200	10.9	52,800	15.5	58,080	17.0	2,813	4,689	5,190						

FM48AH U33

Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Input(W)								
	Min		Rating		Max		Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	12,768	3.7	21,280	6.2	22,897	6.7	1,301	2,168	2,494						
20	13,440	3.9	23,000	6.6	24,014	7.0	1,350	2,250	2,588						
21	14,112	4.1	23,520	6.9	25,131	7.4	1,399	2,332	2,681						
22	14,784	4.3	24,640	7.2	26,249	7.7	1,448	2,413	2,775						
23	15,454	4.5	25,760	7.5	27,365	8.0	1,497	2,495	2,869						
24	16,124	4.7	26,880	7.9	28,483	8.3	1,545	2,576	2,963						
25	16,800	4.9	28,000	8.2	29,600	8.7	1,643	2,739	3,150						
26	17,472	5.1	29,120	8.5	30,869	9.0	1,694	2,826	3,250						
27	18,144	5.3	30,240	8.9	32,138	9.4	1,748	2,913	3,350						
28	18,816	5.5	31,360	9.2	33,407	9.8	1,800	3,000	3,450						
29	19,488	5.7	32,480	9.5	34,676	10.2	1,852	3,087	3,550						
30	20,160	5.9	33,600	9.8	35,945	10.5	1,904	3,174	3,650						
31	20,832	6.1	34,720	10.2	37,215	10.9	1,957	3,261	3,750						
32	21,504	6.3	35,840	10.5	39,240	11.3	2,030	3,348	3,850						
33	22,176	6.5	36,960	10.8	40,340	11.7	2,119	3,436	4,000						
34	22,846	6.7	40,000	11.0	43,400	12.0	2,176	3,520	4,150						
35	23,520	6.9	41,000	12.2	45,736	13.4	2,303	3,642	4,205						
36	24,192	7.1	42,000	12.5	46,850	13.7	2,347	3,714	4,287						
37	24,864	7.3	43,000	12.8	48,000	14.0	2,401	3,787	4,360						
38	25,532	7.5	44,000	13.2	49,080	14.4	2,452	3,867	4,430						
39	26,208	7.7	45,000	13.5	49,900	14.7	2,519	3,940	4,500						
40	26,880	7.9	46,000	13.8	50,740	15.0	2,576	4,013	4,576						
41	27,552	8.1	47,000	14.0	51,660	15.2	2,634	4,087	4,650						
42	28,224	8.3	48,000	14.2	52,580	15.4	2,691	4,161	4,725						
43	28,896	8.5	48,616	14.1	51,966	15.2	2,750	4,239	4,785						
44	29,568	8.7	49,280	14.4	52,342	15.5	2,814	4,300	4,854						
45	30,240	8.9	50,040	14.8	54,936	16.1	2,876	4,364	4,923						
46	30,912	9.1	51,520	15.1	56,430	16.3	2,938	4,436	5,014						
47	31,584	9.3	52,640	15.4	57,510	16.6	3,001	4,506	5,084						
48	32,256	9.5	53,660	15.7	58,640	16.9	3,063	4,574	5,152						
49	32,928	9.7	54,680	15.9	59,750	17.2	3,124	4,642	5,220						
50	33,600	9.9	55,700	16.2	60,820	17.5	3,186	4,709	5,288						
51	34,272	10.1	56,730	16.5	61,850	17.8	3,247	4,777	5,356						
52	34,944	10.3	57,760	16.8	62,880	18.1	3,308	4,845	5,424						
53	35,616	10.5	58,790	17.1	63,910	18.4	3,369	4,913	5,492						
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Combination Table_ MULTI 3Phase



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FM37AH UEE

Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Current(A)			Input(W)		
	Min	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Min	Rated	Max
16	9600	2.8	16000	4.7	17600	5.2	1.7	2.6	2.9	800	1333	1533
18	10800	3.2	18000	5.3	19800	5.8	1.8	2.9	3.2	900	1500	1725
19	11400	3.3	19000	5.6	20900	6.1	1.9	3.0	3.3	950	1583	1821
21	12600	3.7	21000	6.2	23100	6.8	2.1	3.3	3.6	1050	1750	2013
23	13800	4.0	23000	6.7	25300	7.4	2.3	3.6	4.0	1150	1917	2204
24	14400	4.2	24000	7.0	26400	7.7	2.4	3.7	4.2	1200	2000	2300
25	15000	4.4	25000	7.3	27500	8.1	2.5	3.8	4.3	1250	2083	2396
26	15400	4.6	26000	7.6	28400	8.4	2.5	4.0	4.5	1300	2167	2492
27	16200	4.7	27000	7.9	29700	8.7	2.6	4.1	4.6	1350	2250	2588
28	16800	4.9	28000	8.2	30800	9.0	2.7	4.3	4.8	1400	2333	2683
30	18000	5.3	30000	8.8	33000	9.7	2.9	4.5	5.1	1500	2500	2875
31	18300	5.4	30500	8.9	33500	9.8	3.0	4.7	5.3	1550	2583	2971
32	18600	5.5	31000	9.1	34100	10.0	3.1	4.8	5.4	1600	2667	3067
33	18900	5.5	31500	9.2	34650	10.2	3.2	5.0	5.6	1650	2750	3163
34	19200	5.6	32000	9.4	35200	10.3	3.3	5.1	5.8	1700	2833	3258
35	19500	5.7	32500	9.5	35750	10.5	3.3	5.2	5.9	1750	2917	3354
36	21600	6.3	33000	9.7	37000	10.8	3.4	5.4	6.0	1800	3000	3450
37	22200	6.5	33942	9.9	37336	10.9	3.5	5.4	6.0	1807	3012	3464
38	22800	6.7	34507	10.1	37958	11.1	3.5	5.4	6.1	1811	3019	3472
39	23400	6.9	34884	10.2	38373	11.2	3.5	5.4	6.1	1814	3024	3477
40	24000	7.0	35239	10.3	38763	11.4	3.5	5.4	6.1	1819	3032	3486
41	24400	7.2	35565	10.4	39121	11.5	3.5	5.4	6.1	1823	3038	3494
42	25200	7.4	35954	10.4	39153	11.5	3.5	5.5	6.1	1824	3040	3496
43	25800	7.6	35947	10.5	39542	11.6	3.5	5.5	6.1	1831	3051	3509
44	26400	7.7	36167	10.6	39784	11.7	3.5	5.5	6.1	1835	3059	3518
45	27000	7.9	36167	10.6	39784	11.7	3.5	5.5	6.1	1835	3059	3518
46	27600	8.1	36300	10.6	39930	11.7	3.5	5.5	6.2	1838	3063	3523

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Total Indoor Unit Capacity(kBtu/h)	Heating Capacity						Current(A)			Input(W)		
	Min	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	Min	Rating	Max
16	10752	3.2	17920	5.3	19712	5.8	1.7	2.6	2.9	813	1356	1559
18	12096	3.5	20160	5.9	22176	6.5	1.8	2.9	3.2	915	1525	1754
19	12768	3.7	21280	6.2	23408	6.9	1.9	3.0	3.4	966	1610	1851
21	14112	4.1	23520	6.9	25872	7.6	2.1	3.3	3.7	1068	1779	2046
23	15454	4.5	25740	7.5	28336	8.3	2.3	3.6	4.0	1169	1949	2241
24	16128	4.7	26880	7.9	29568	8.7	2.4	3.7	4.2	1220	2033	2338
25	16800	4.9	28000	8.2	30800	9.0	2.5	3.9	4.4	1271	2118	2436
26	17472	5.1	29120	8.5	32032	9.4	2.6	4.0	4.6	1322	2203	2533
27	18144	5.3	30240	8.9	33264	9.7	2.7	4.2	4.7	1373	2288	2631
28	18816	5.5	31360	9.2	34486	10.1	2.8	4.4	4.9	1423	2327	2728
30	20160	5.9	33600	9.8	36960	10.8	3.0	4.6	5.2	1525	2542	2923
31	20832	6.1	34720	10.2	38192	11.2	3.1	4.8	5.4	1576	2626	3020
32	21504	6.3	35840	10.5	39424	11.6	3.2	4.9	5.5	1627	2711	3118
33	21511	6.3	35851	10.5	39436	11.6	3.2	5.1	5.7	1678	2796	3215
34	22048	6.5	36747	10.8	40422	11.8	3.3	5.2	5.8	1728	2881	3313
35	22579	6.6	37632	11.0	41395	12.1	3.4	5.3	6.0	1779	2965	3410
36	22800	6.7	38000	11.1	42000	12.3	3.5	5.4	6.1	1830	3050	3508
37	23145	6.8	38576	11.3	42433	12.4	3.4	5.4	6.1	1822	3037	3493
38	23353	6.8	38921	11.4	42813	12.5	3.4	5.4	6.0	1818	3030	3484
39	23491	6.9	39151	11.5	43067	12.6	3.4	5.4	6.0	1815	3025	3478
40	23560	6.9	39267	11.5	43194	12.7	3.4	5.3	6.0	1800	3000	3449
41	23644	6.9	39406	11.5	43347	12.7	3.4	5.3	5.9	1790	2983	3430
42	23630	6.9	39383	11.5	43322	12.7	3.4	5.3	5.9	1785	2974	3421
43	23768	7.0	39613	11.6	43574	12.8	3.3	5.2	5.9	1762	2937	3377
44	23847	7.0	39744	11.6	43719	12.8	3.3	5.2	5.8	1747	2911	3348
45	23860	7.0	39767	11.7	43744	12.8	3.3	5.1	5.8	1742	2904	3339
46	23906	7.0	39843	11.7	43827	12.8	3.3	5.1	5.8	1739	2899	3334

Note :

1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB

2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB

3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.

Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

4.Total capacity index of indoor unit should be within 16~46 kBtu/h(40%~130%)

5.At least two indoor units should be connected.

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Total Indoor Unit Capacity(kBtu/h)	Cooling Capacity						Input(W)		
	Min	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9600	2.8	16000	4.7	17600	5.2	796	1327	1526
18	10800	3.2	18000	5.3	19800	5.8	893	1489	1712
19	11400	3.3	19000	5.6	20900	6.1	943	1572	1807
21	12600	3.7	21000	6.2	23100	6.8	1042	1737	1998
23	13800	4.0	23000	6.7	25300	7.4	1011	1684	1937
24	14400	4.2	24000	7.0	26400	7.7	1053	1755	2019
25	15000	4.4	25000	7.3	27500	8.1	1096	1826	2100
26	15600	4.6	26000	7.6	28600	8.4	1161	1935	2225
27	16200	4.7	27000	7.9	29700	8.7	1227	2044	2351
28	16800	4.9	28000	8.2	30800	9.0	1292	2153	2476
29	17400	5.1	29000	8.5	31900	9.3	1357	2262	2602
30	18000	5.3	30000	8.8	33000	9.7	1423	2372	2727
31	18600	5.5	31000	9.1	34100	10.0	1488	2481	2853
32	19200	5.6	32000	9.4	35200	10.3	1554	2590	2978
33	19800	5.8	33000	9.7	36300	10.6	1619	2699	3104
34	20400	6.0	34000	10.0	37400	11.0	1683	2808	3229
35	21000	6.2	35000	10.3	38500	11.3	1750	2917	3355
36	21600	6.3	36000	10.5	39600	11.6	1816	3026	3480
37	22200	6.5	37000	10.8	40700	11.9	1859	3099	3564
38	22800	6.7	38000	11.1	41800	12.2	1903	3172	3648
39	23400	6.9	39000	11.4	42900	12.6	1947	3245	3732
40	24000	7.0	40000	11.7	44000	12.9	2093	3391	3900
41	24600	7.2	41000	12.0	45100	13.2	2132	3553	4086
42	25200	7.4	42000	12.3	46000	13.5	2083	3472	3993
43	25800	7.4	42333	12.4	46167	13.5	2132	3553	4086
44	26500	7.5	42667	12.5	46333	13.6	2180	3634	4179
45	28000	8.2	45000	12.6	46500	13.6	2229	3714	4271
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Combination Table_ MULTI 3Phase

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Total Indoor Unit Capacity(kBtu/h)		Cooling Capacity			Input(W)					
		Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11400	3.3	33000	9.6	20900	6.3	941	1572	1807	19
21	12800	3.7	37000	9.8	21400	6.7	1000	1630	1940	21
23	13800	4.0	39000	9.7	23300	7.4	1011	1684	1937	23
24	14400	4.2	42000	10.0	24600	7.7	1053	1755	2019	24
25	15000	4.4	45000	10.3	25700	8.1	1047	1849	2069	25
26	16200	4.7	49000	10.6	27500	8.3	1064	1826	2100	26
27	16800	4.9	52000	10.8	28100	8.5	1081	1843	2125	27
28	16800	4.9	52000	10.8	28000	8.7	1227	2044	2351	28
29	17400	5.1	52000	10.8	28100	9.3	1257	2232	2602	29
30	18000	5.3	53000	10.9	28800	9.7	1423	2337	2727	30
31	18000	5.3	53000	10.9	34000	10.9	1423	2337	2727	31
32	19200	5.6	53000	10.9	35200	10.3	1510	2591	2978	32
33	19800	5.8	53000	10.9	36300	10.6	1619	2699	3104	33
34	20400	6.0	54000	10.9	37400	11.0	1685	2767	3229	34
35	21600	6.3	55000	11.3	38500	11.3	1750	2843	3475	35
36	21600	6.3	56000	11.3	39600	11.6	1784	2908	3480	36
37	22200	6.5	57000	11.5	40700	11.9	1859	3099	3564	37
38	22800	6.7	58000	11.1	41800	12.2	1903	3172	3648	38
39	22800	6.7	58000	11.1	41800	12.2	1952	3245	3732	39
40	24000	7.0	58000	11.7	44000	12.9	1991	3318	3816	40
41	24000	7.2	40000	12.0	45100	13.2	2030	3391	3900	41
42	25200	7.4	40000	12.3	46200	13.5	2083	3472	3993	42
43	25200	7.4	40000	12.3	47300	13.8	2083	3472	4086	43
44	26400	7.7	40000	12.9	48400	14.2	2140	3534	4179	44
45	27000	7.9	45000	13.2	49500	14.7	3030	3729	4271	45
46	27600	8.1	45000	13.5	50600	14.8	3066	3735	4364	46
47	28200	8.3	45000	13.5	51700	15.0	3133	3802	4467	47
48	28800	8.5	45000	13.5	52800	15.2	3200	3868	4499	48
49	29200	8.5	45000	13.5	53900	15.4	3267	3935	4550	49
50	29211	8.6	45000	14.3	53943	15.7	3271	3941	4543	50
51	29471	8.6	45000	14.3	53943	15.7	3271	3941	4543	51
52	29473	8.6	45000	14.3	53943	15.7	3271	3941	4543	52
53	29292	8.7	45000	14.6	54567	16.0	2616	4360	5014	53
54	30334	8.8	50507	14.7	55029	16.1	2713	4522	5200	54
55	30340	8.9	50400	14.8	54500	16.2	2760	4600	5300	55
56	30341	8.9	50400	14.8	55000	16.3	2760	4600	5300	56
57	30351	9.0	51066	15.0	56066	16.5	2740	4600	5300	57
58	30357	9.0	51409	15.1	56134	16.6	2740	4600	5400	58
59	31063	9.1	51771	15.2	56816	16.7	2760	4600	5400	59
60	31064	9.2	51771	15.2	57259	16.7	2760	4600	5400	60
61	31474	9.2	52457	15.4	58209	16.9	2740	4600	5500	61
62	31680	9.3	52800	15.5	58000	17.0	2740	4600	5500	62

Note:
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°CWB, outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Value of change in capacity is based on the variation in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within -1%~4% (Btu/kW±1.5%)
5.At least two indoor units should be connected.

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Total Indoor Unit Capacity(kBtu/h)		Heating Capacity			Input(W)					
		Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	12540	3.7	20900	6.3	22700	6.7	1136	1894	2178	19
21	13840	4.0	23000	7.4	2379	7.4	1011	1684	1937	21
23	15180	4.4	25300	7.4	2577	8.1	1497	2495	2669	23
24	15400	4.6	26400	7.6	28600	8.4	1161	1935	2225	24
25	16600	4.6	26400	7.6	28600	8.4	1227	2044	2351	25
26	17160	5.0	28600	8.4	29102	8.7	1227	2044	2351	26
27	18200	5.2	29700	8.7	30173	9.1	1357	2292	2640	27
28	18480	5.4	30800	9.0	31900	9.3	1423	2372	2727	28
29	19140	5.4	31900	9.3	34771	10.2	1839	3035	3525	29
30	19140	5.4	31900	9.3	34771	10.2	1839	3035	3525	30
31	19400	5.5	31900	9.3	34771	10.2	1848	3048	3525	31
32	20460	6.0	34100	10.0	37169	10.9	1937	3325	3708	32
33	21100	6.2	35200	10.3	38300	11.2	1983	3325	3708	33
34	20400	6.0	34000	10.0	37400	11.0	1985	3325	3708	34
35	21000	6.2	35000	10.3	38800	11.3	1750	2917	3355	35
36	21560	6.3	36000	10.5	38600	11.6	1814	3026	3480	36
37	22500	6.5	36000	10.8	38600	11.8	1989	3105	3490	37
38	22800	6.7	38000	11.1	41900	12.3	1903	3172	3449	38
39	23400	6.9	39000	11.4	42900	12.6	1947	3245	3732	39
40	24000	7.0	40000	11.4	44000	12.9	1949	3218	3718	40
41	24000	7.0	40000	11.4	44000	12.9	1949	3218	3718	41
42	25200	7.4	40000	12.3	46000	13.3	2083	3472	3993	42
43	25800	7.6	43000	13.0	47100	13.9	2132	3535	4086	43
44	26400	7.7	44000	13.2	47400	14.2	2180	3634	4179	44
45	27000	7.9	45000	13.5	48600	14.5	2277	3745	4347	45
46	27600	8.1	46000	13.5	49600	14.8	2277	3745	4347	46
47	28200	8.3	47000	13.8	51700	15.2	2325	3876	4457	47
48	28800	8.5	48000	14.1	52800	15.5	2374	3957	4550	48
49	29400	8.6	48000	14.1	52800	15.5	2407	4043	4643	49
50	29800	8.6	48000	14.4	54100	16.0	2411	4118	4730	50
51	30300	8.9	50500	14.8	55350	16.2	2591	4199	4820	51
52	30311	9.0	51333	15.0	56200	16.5	2591	4201	4874	52
53	31300	9.2	52147	15.3	57050	16.7	2616	4362	4904	53
54	31300	9.2	52147	15.3	57050	16.7	2616	4362	4904	54
55	31950	9.4	53529	15.6	58211	17.1	2817	4696	5400	55
56	32100	9.4	53500	15.7	58863	17.2	2896	4826	5500	56
57	32520	9.5	53750	16.0	58894	17.6	2911	4852	5340	57
58	33050	9.5	54250	16.2	59562	17.8	2946	4910	5650	58
59	33550	9.5	54250	16.2	59562	17.8	2946	4910	5650	59
60	32700	9.6	54500	16.0	59888	17.5	2946	4910	5650	60
61	32850	9.6	54750	16.0	60219	17.6	2946	4910	5650	61
62	33150	9.7	55250	16.2	60891	17.8	2946	4910	5650	62
63	33300	9.8	55300	16.3	61213	17.9	2946	4910	5650	63
64	33300	9.8	55300	16.4	61213	17.9	2946	4910	5650	64
65	33450	9.8	55750	16.3	61544	18.0	2946	4910	5650	65
66	33450	9.8	56000	16.4	61875	18.1	2946	4910	5650	66
67	33750	9.8	56000	16.4	62053	18.2	2946	4910	5650	67
68	33900	9.9	56500	16.6	62638	18.3	2946	4910	5650	68
69	34050	10.0	56750	16.6	62869	18.4	2946	4910	5650	69
70	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650	70
71	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650	71
72	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650	72
73	34200	10.0	57000	16.7	63200	18.5	2946	4910	5650	73

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Total Indoor Unit Capacity(kBtu/h)		Cooling Capacity			Input(W)					
		Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max

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