LG
Life's Good

LG HVAC SOLUTION
COMMERCIAL
AIR CONDITIONERS

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Why LG Commercial Air Conditioning

LG INVERTER TECHNOLOGY CUTS POWER CONSUMPTION

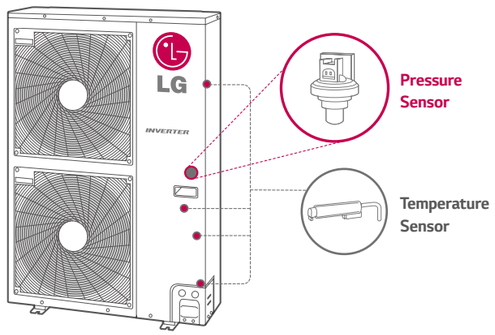
LG has taken the initiative to develop new, highly efficient, inverter technology. In addition to consuming less electricity, the company's advanced inverter systems have powerful performance and enhanced reliability.

A clear illustration of how innovative technology can make a real difference, LG's Inverter compressor provides a welcome reduction in power usage (up to 40%) and operational costs.
Designed for commercial spaces, such as offices and retail stores, the new model offers effective comfort, greater endurance and exceptional seasonal energy efficiency.

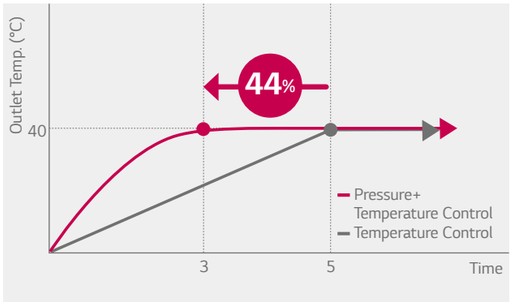
TEMPERATURE & PRESSURE CONTROL OF VRF TECHNOLOGY ENSURES FASTER, MORE ACCURATE AND STABLE OPERATION OF COMPRESSOR

LG's Single and Multi Split models, the only solutions in the same product category to feature innovative Temperature & Pressure Control Sensor equipped with advanced VRF pressure control technology.

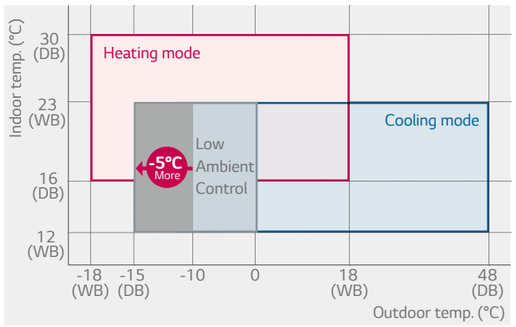
Generally single and multi split systems estimate pressure to operate compressor via a single sensor, which measures refrigerant, internal and external temperature. However, LG's latest Single and Multi Split series add the Temperature & Pressure Control Sensor, which directly analyzes and controls refrigerant pressure and temperature, boosting compressor performance in terms of accuracy and efficiency.
Precisely, the Temperature & Pressure Control Sensor leads to quicker, more effective heating and cooling. It also helps to extend the compressor's operational lifespan and ensure stable performance in all kinds of weather conditions.



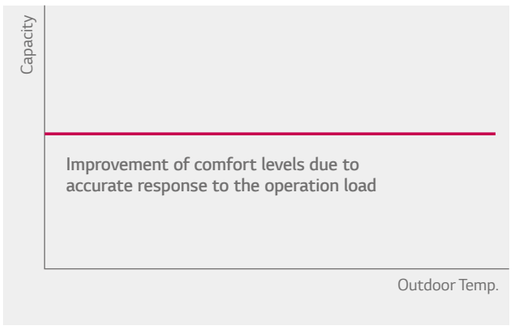
Quick



Wide



Stable



LG HVAC SOLUTION

INDEX

SINGLE SPLIT

MULTI SPLIT

VITALIZING EVERY ENVIRONMENT

LG IMPROVES QUALITY OF LIFE

In an affordable, eco-friendly way. Over the years, LG has strived to meet the demand for high quality air conditioning solutions with greater energy efficiency, that can reduce energy costs and also help protect the environment. Greater energy savings can be achieved over the lifetime of the product that can offer cost savings to your home and business.

SINGLE SPLIT

H-INVERTER / STANDARD INVERTER LINE UP

H-Inverter

kBtu	Type / kW	Ceiling Cassette	Ceiling Concealed Duct	Ceiling & Floor / Ceiling Suspended	Universal Outdoor Units	
					1 Phase	3 Phase
9	2.5					
12	3.5	UT12H NP1		UV12H NJ1	UU12WH UE1	
18	5.0	UT18H NP1	UB18H NG1	UV18H NJ1	UU18WH UE1	
21	6.0	UT21H NN1	UB21H NG1	UV21H NK1	UU21WH U41	
24	7.1	UT24H NN1	UB24H NG1	UV24H NK1	UU24WH U41	
30	8.0					
36	10.0	UT36H NM4	UB36H NR3	UV36H NL4	UU36WH U34	UU37WH U33
42	12.5	UT42H NM4	UB42H NR3	UV42H NL4	UU42WH U34	UU43WH U33
48	14.0	UT48H NM4	UB48H NR3	UV48H NL4	UU48WH U34	UU49WH U33
60	15.0					

Standard Inverter

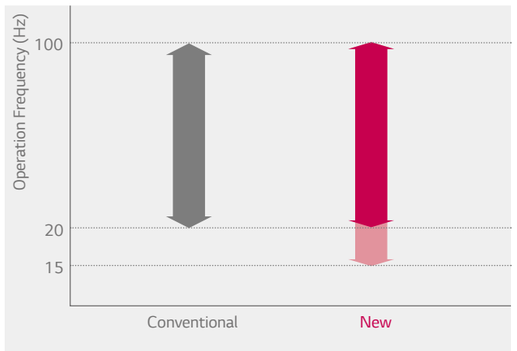
kBtu	Type / kW	Ceiling Cassette	Ceiling Concealed Duct		Ceiling & Floor / Ceiling uspended	Console	Wall mounted Floor standing	Universal Outdoor Units	
								1 Phase	3 Phase
9	2.5	CT09 NR2		CB09L N12	CV09 NE2	CQ09 NA0		UU09W ULD	
12	3.5	CT12 NR2		CB12L N22	CV12 NE2	CQ12 NA0		UU12W ULD	
18	5.0	CT18 NQ2	CM18 N14	CB18L N22	CV18 NJ2	CQ18 NA0		UU18W UE2	
21	6.0								
24	7.1	CT24 NP2	CM24 N14	CB24L N32	CV24 NJ2			UU24W U42	
30	8.0	UT30 NP2	UM30 N14		UV30 NJ2		UJ30 NV2	UU30W U42	
36	10.0	UT36 NN2	UM36 N24		UV36 NK2		UJ36 NV2	UU36W UO2	UU37W UO2
42	12.5	UT42 NM2	UM42 N24		UV42 NL2			UU42W U32	UU43W U32
48	14.0	UT48 NM2	UM48 N34		UV48 NL2		UP48NT2	UU48W U32	UU49W U32
60	15.0	UT60 NM2	UM60 N34		UV60 NL2			UU60W U32	UU61W U32

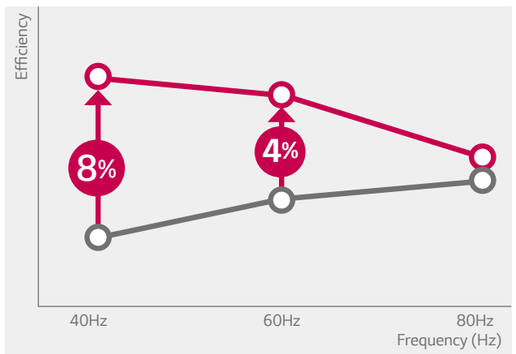
SINGLE SPLIT

SUPREME ENERGY EFFICIENCY

BLDC (Brushless Direct Current motor) **Compressor**

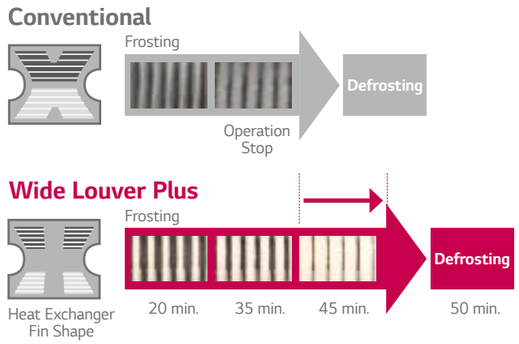
LG air conditioners are equipped with a BLDC compressor that uses a strong neodymium magnet. The compressor has improved efficiency compared to standard AC inverter products and it is optimised for seasonal efficiency.

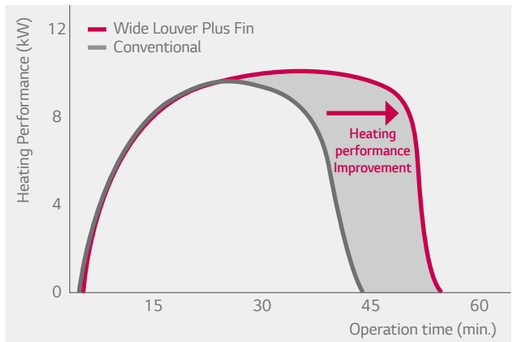




Wide Louver Plus Fin

Wide Louver Plus fin technology increases 11% of full load heating performance and 6% of COP compared to conventional fin. It can slow down frosting of heat exchanger and postpone the start of defrosting operation.

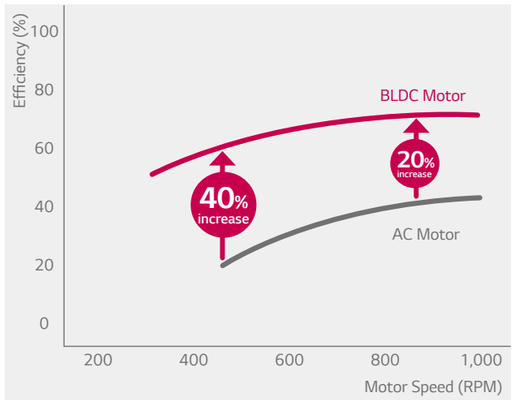




* Based on UU24W U42

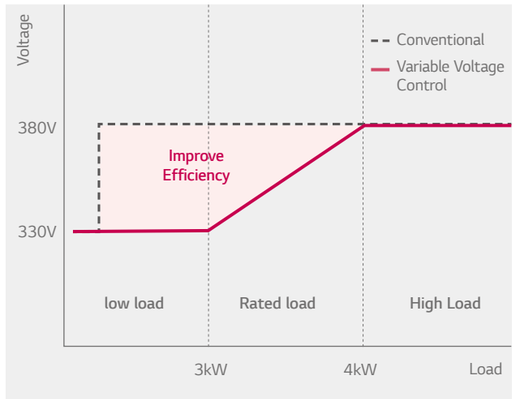
BLDC Fan Motor

The BLDC Fan motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds.



Variable Voltage Control

The compressor of new H-Inverter improved efficiency by adjusting compressor input voltage depends on the compressor input load.

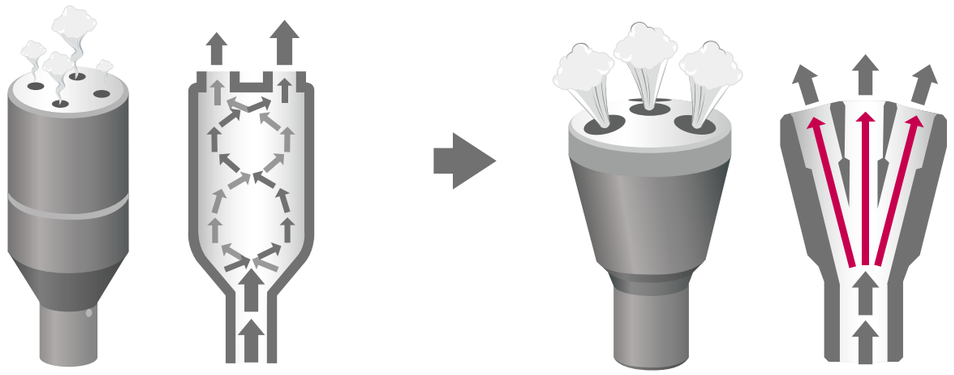


Optimised Heat Exchanger Path

Optimised heat exchanger path improved cycle efficiency up to 5%.

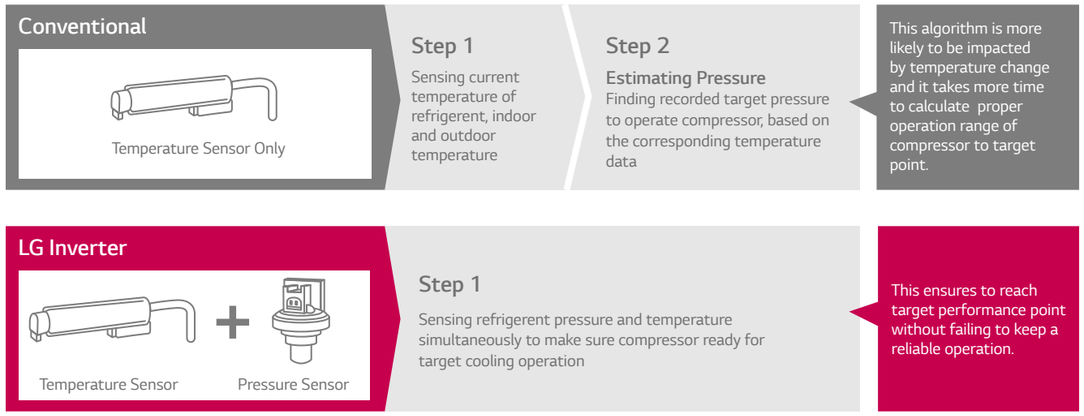
Conventional
Unequal distribution

New
Equal distribution



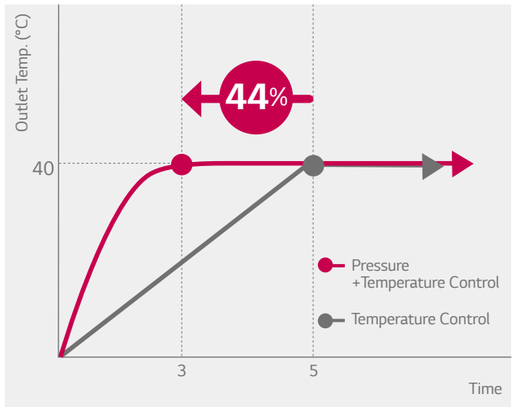
QUICK COOLING & HEATING

Quick Operating Response



Pressure control takes less time to reach the desired temperature up to 30% in cooling and 44% in heating with high level of accuracy and stability.

Heating

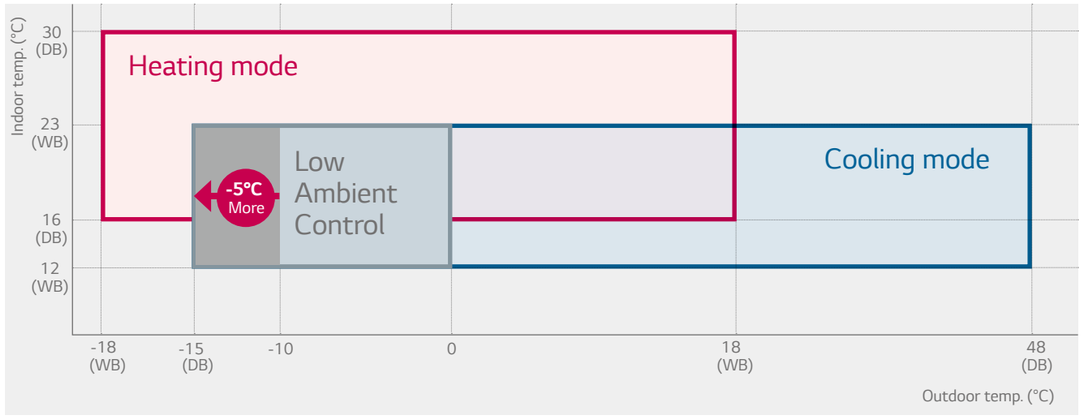


* Based on internal test data

RELIABLE PERFORMANCE

Wide Operation Range

Ideal solution for server rooms, machine rooms and kitchens.

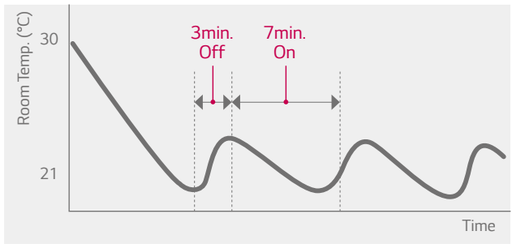


* Applied to Standard Inverter 5~15kW / H-Inverter 10~14kW

Stable Operation

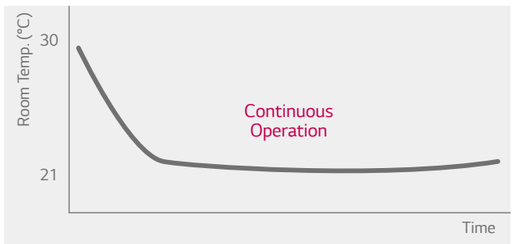
High and stable cooling performance at low temperatures.

Conventional



* Outdoor -10°C

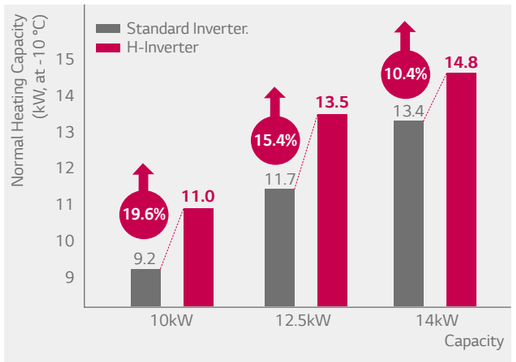
New



* Outdoor -15°C

Heating Capacity in Low Temperature

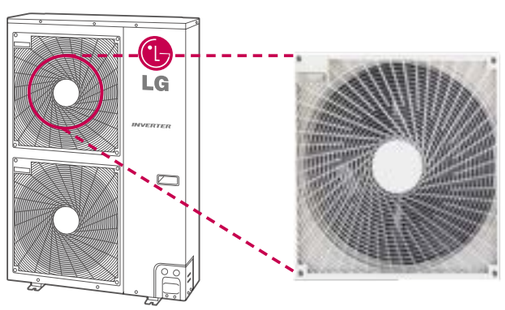
High and stable performance at low temperatures.



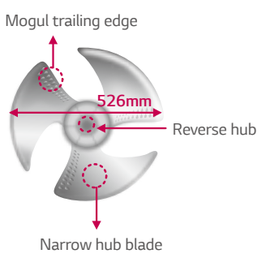
QUIET OPERATION

Improved Grille & Fan

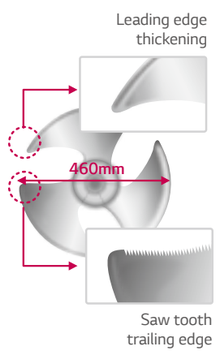
The new grille shape design on the outdoor unit helps to disperse air more efficiently which improves heat exchange and reduces noise level. The new axial Fan has a thick front edge and smooth rear edge, this provides a high efficiency, low noise, wide fan, as well as improving the air flow rate.



Grille



Fan Type 1

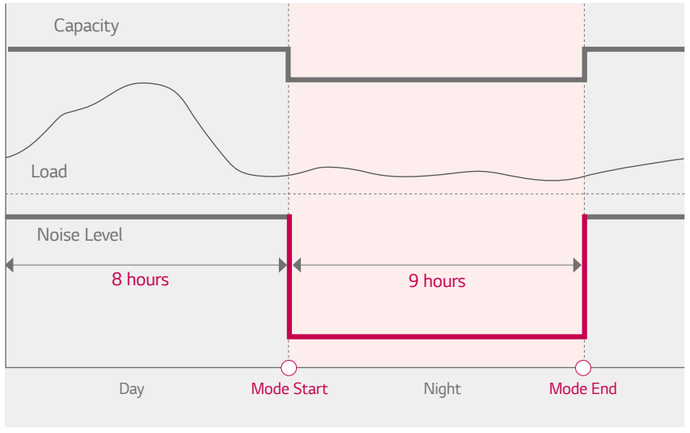


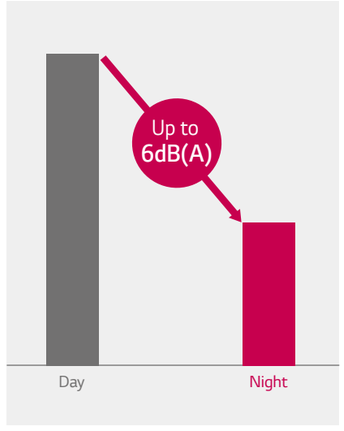
Fan Type 2

Night Silent Operation

Night silent operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.

• **Cooling Mode**





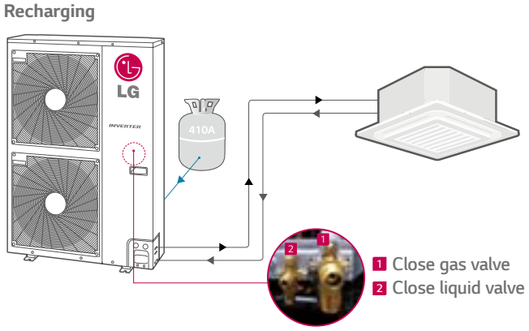
* Except UU09W ULD / UU12W ULD

CONVENIENT MAINTENANCE

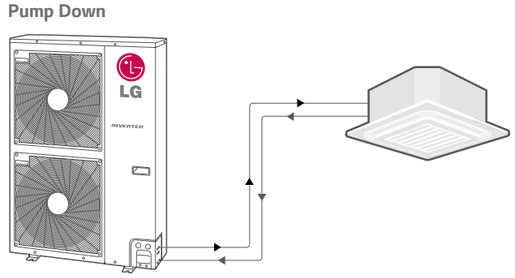
Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature. More importantly this function can be used when indoor units are being moved or repaired.

Recharging



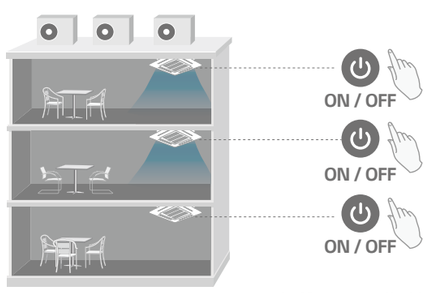
Pump Down



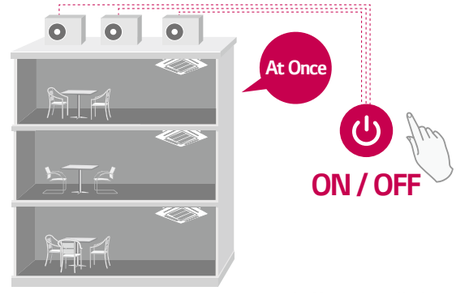
* Applied to Standard Inverter 5~15kW / H-Inverter 10~14kW

Outdoor Dry Contact

Air conditioners can be turned on/off at once with the on/off dry contact function that outdoor units have.



Conventional — On/Off is controlled by each unit

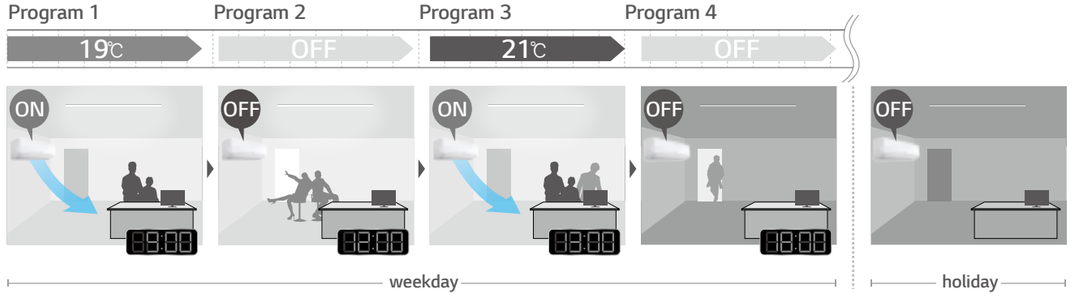


New — On/Off is controlled at once

* Applied to standard Inverter 10~15kW / H-Inverter 10~14kW

Weekly Program

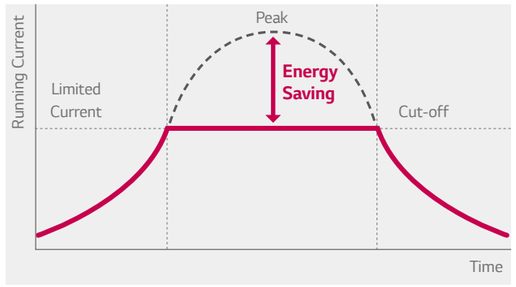
You can set up 2 reservations for one day, and up to 14 reservations for a week.



SAVING COST

Peak Current Control

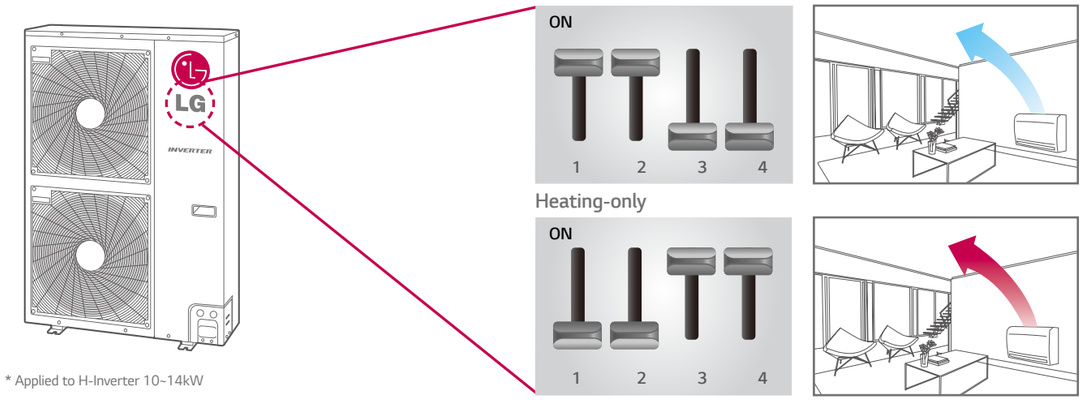
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption.
This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



* Applied to H-Inverter 10~14kW

Mode Lock

Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.

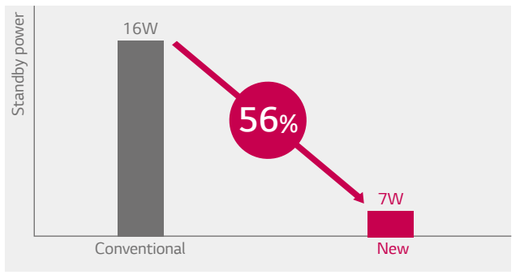


* Applied to H-Inverter 10~14kW

Standby Mode

New H-Inverter can minimise power consumption by turning power off on the PCB except for the MICOM which receives signals.

1-phase 10~14kW

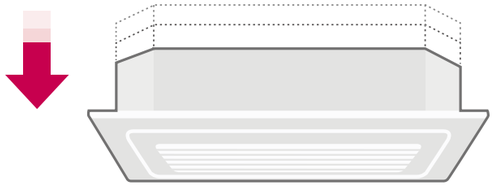


CEILING CASSETTE

CEILING CASSETTE

Compact Size

The indoor unit with slim and compact dimensions has reduced the restriction which enables successful installation in various spaces.

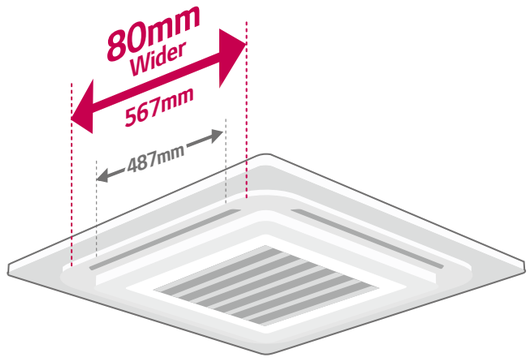


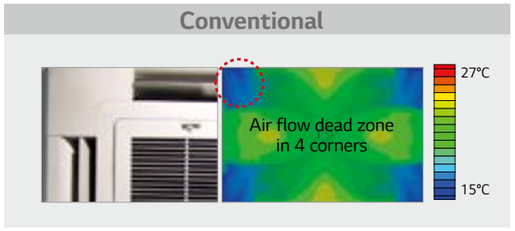
Length width : 840X840mm

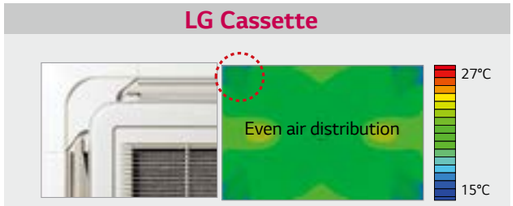
Standard Inverter	Height
7.1-8.0 kW	204mm
10.0 kW	246mm
12.5-15 kW	288mm

Wide Jet Air Flow

Improved vanes reduce the curved area and provide even distribution.

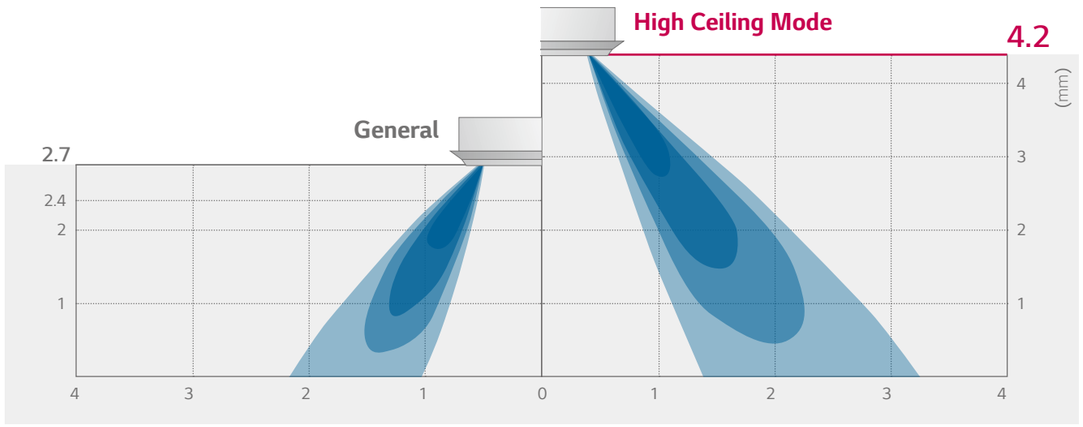






High Ceiling Mode

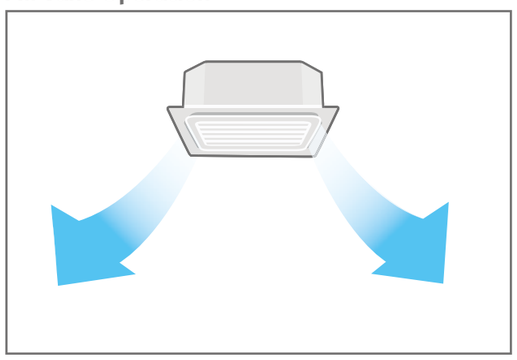
High ceiling mode provides powerful cooling and heating up to 4.2m in height, from ceiling to floor.



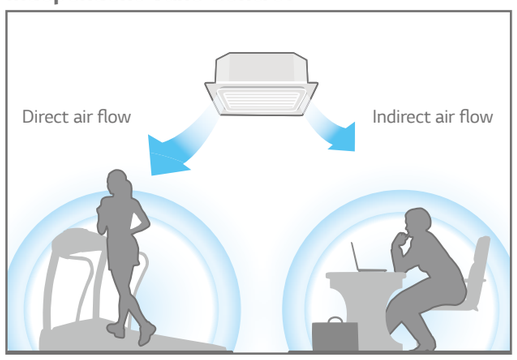
Independent Vane Operation

The independent vane operation feature uses separate motors, making it possible to control all four vanes independently.

All Vane Operation



Independent Vane Control



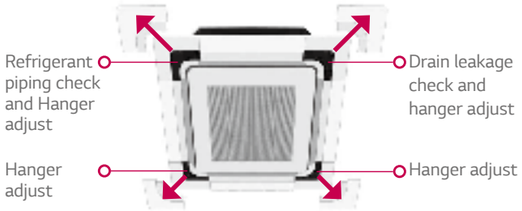
* Wired remote controller PQRCVSL0(QW) applied

CEILING CASSETTE

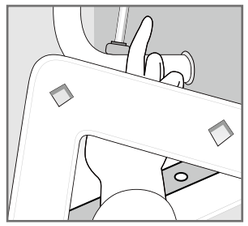
Convenient Panel Installation

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

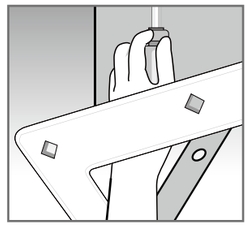
Detachable Corner Design



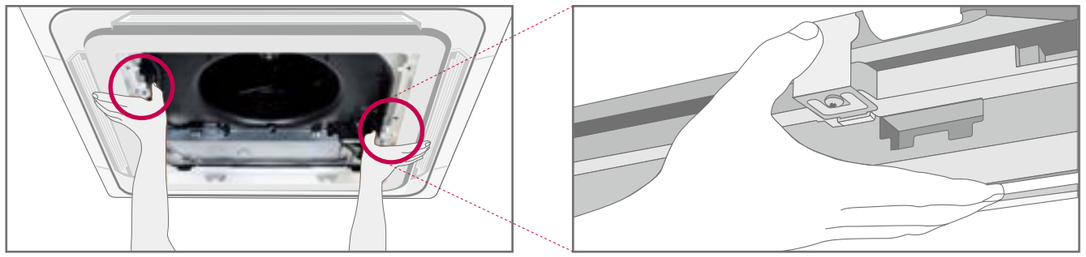
Drain Leakage Check



Hanger Adjust



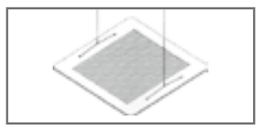
It is easy to install the panel to the body, using the button type panel design.



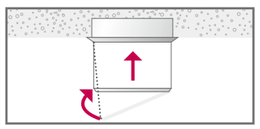
Auto Elevation Grille

Easy filter cleaning with elevation grill.

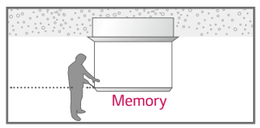
4-Point Support Structure



Auto Leveling



Memory for User's Level

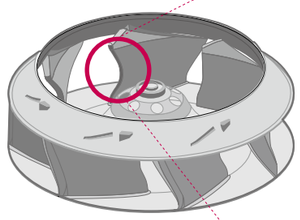


Auto Stop Detection

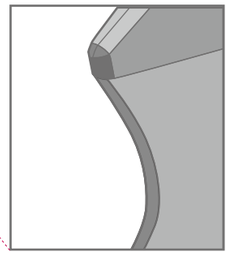
* Operating with wired remote controller PQRCVSL0(QW) and wireless remote controller included in PTEGM0.
* Except CT09 NR2 / CT12 NR2 / CT18 NQ2
* Applied to cassette panel PT-UMC1

Quite Operation with 3D Fan

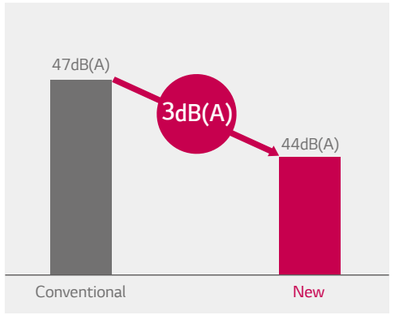
New technology of 3D fan is applied to H-Inverter cassettes 10~14kW. It increases air flow but reduces noise.



Blade Angle Changed
: Increase air flow and decrease noise



Curved Leading Edge
: Improve air flow in same RPM of conventional fans

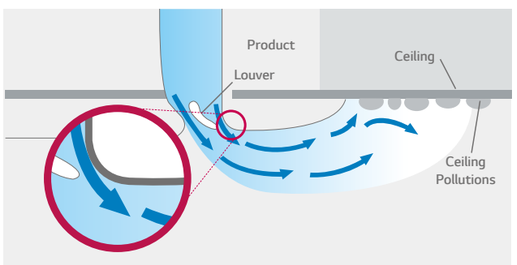


* H-Inverter Cassette 10kW

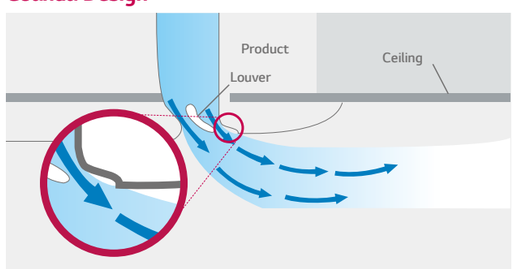
Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.

Conventional



Coanda Design



CEILING CASSETTE

Inverter

UT12H / UT18H / UT21H / UT24H

UU12WH

UU18WH

UU21WH
UU24WH

Indoor				UT12H NP1	UT18H NP1	UT21H NN1	UT24H NN1
Capacity	Cooling	Min/Nom/Max	kW	1.4/3.5/4.2	2.0/5.0/5.5	2.8/6.0/8.0	2.8/7.0/8.4
	Heating	Min/Nom/Max	kW	1.6/4.2/5.0	2.2/5.5/6.1	3.2/7.0/9.0	3.2/8.0/9.4
Low Temperature Capacity	Heating -7°C	Max	kW	4.1	5.3	7.1	7.9
Power Input (Set)	Cooling	Nom	kW	0.99	1.35	1.53	1.92
	Heating	Nom	kW	1.04	1.35	1.66	1.93
Power Input (Indoor)		Min/Nom/Max	W	20/30/30	20/50/60	30/70/80	40/110/120
Running Current	Cooling/Heating	Nom	A	4.4/4.6	6.0/6.7	7.6/7.7	9.5/9.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.54	3.70	3.92	3.65
COP				4.04	4.07	4.22	4.15
SEER				6.11	5.81	5.81	5.81
SCOP				4.11	4.01	4.11	4.11
Pdesign (@-10°C)			kW	4.0	5.0	7.0	7.2
Seasonal Energy Label	Cooling/Heating			A++/A+	A+/A+	A+/A+	A+/A+
Annual Energy Consumption	Cooling/Heating		kWh	201/1,366	302/1,750	362/2,390	422/2,459
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	13.0/12.0/10.0	17.0/15.0/13.0	21.0/18.0/16.0	21.0/18.0/16.0
Sound Pressure	Cooling	High/Medium/Low	dBA	35/33/31	39/37/34	40/38/36	40/38/36
Sound Power	Cooling	Max	dBA	44	52	54	59
Dehumidification Rate			l/h	1.3	2.1	2.7	2.7
Dimensions	Body	WxHxD	mm	840x204x840	840x204x840	840x246x840	840x246x840
Net Weight	Body		kg	21.0	21.0	23.5	23.5
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0	5.0
Outdoor				**UU12WH UE1**	**UU18WH UE1**	**UU21WH U41**	**UU24WH U41**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	50	58	58	58
Sound Pressure	Cooling	Nom	dBA	48	47	47	47
	Heating	Nom	dBA	48	50	50	50
Sound Power	Cooling	Max	dBA	60	60	62	63
Dimensions	WxHxD		mm	870x655x320	870x808x320	950x834x330	950x834x330
Net Weight			kg	46.0	58.0	63.0	63.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,250	2,000	2,200	2,200
	Additional Charge (after 10m)		g/m	20	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	15	20	25	25
Piping Length Total		Min~Max	m	5~30	5~50	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	20	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING CASSETTE

Inverter

UT36H / UT42H / UT48H

UU36WH
UU42WH
UU48WH

* Available from May

Indoor				UT36H NM4	UT42H NM4	UT48H NM4
Capacity	Cooling	Min/Nom/Max	kW	4.5/9.5/13.0	5.0/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.0/10.8/13.7	5.5/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.5	13.9	15.3
Power Input (Set)	Cooling	Nom	kW	2.15	3.13	3.80
	Heating	Nom	kW	2.39	3.35	4.05
Power Input (Indoor)		Min/Nom/Max	W	40/190/210	50/190/210	50/190/210
Running Current	Cooling/Heating	Nom	A	9.1/11.2	14.2/15.3	17.4/17.8
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				4.42	3.87	3.53
COP				4.53	4.03	3.83
SEER				7.30	-	-
SCOP				4.60	-	-
Pdesign (@-10°C)			kW	10.0	-	-
Seasonal Energy Label	Cooling/Heating			A++/A++	-	-
Annual Energy Consumption	Cooling/Heating		kWh	455/3,043	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	32.0/26.1/20.2	33.0/28.0/21.0	33.0/28.0/22.0
Sound Pressure	Cooling	High/Medium/Low	dBA	44/40/36	45/41/37	45/41/38
Sound Power	Cooling	Max	dBA	62	62	62
Dehumidification Rate			l/h	1.5	3.3	4.4
Dimensions	Body	WxHxD	mm	840x288x840	840x288x840	840x288x840
Net Weight	Body		kg	28.0	28.0	28.0
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950x25x950	950x25x950	950x25x950
	Weight		kg	5.0	5.0	5.0
Outdoor				**UU36WH U34**	**UU42WH U34**	**UU48WH U34**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING CASSETTE

H Inverter 3Phase

UT36H / UT42H / UT48H

UU37WH
UU43WH
UU49WH

* Available from May

Indoor				UT36H NM4	UT42H NM4	UT48H NM4
Capacity	Cooling	Min/Nom/Max	kW	4.5/9.5/13.0	5.0/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.0/10.8/13.7	5.5/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.5	13.9	15.3
Power Input (Set)	Cooling	Nom	kW	2.15	3.13	3.80
	Heating	Nom	kW	2.39	3.35	4.05
Power Input (Indoor)		Min/Nom/Max	W	40/190/210	50/190/210	50/190/210
Running Current	Cooling/Heating	Nom	A	3.8/4.2	5.5/5.9	6.7/7.1
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				4.42	3.87	3.53
COP				4.53	4.03	3.83
SEER				6.80	-	-
SCOP				4.60	-	-
Pdesign (@-10°C)			kW	10.0	-	-
Seasonal Energy Label	Cooling/Heating			A++/A++	-	-
Annual Energy Consumption	Cooling/Heating		kWh	489/3,043	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	32.0/26.1/20.2	33.0/28.0/21.0	33.0/28.0/22.0
Sound Pressure	Cooling	High/Medium/Low	dBA	44/40/36	45/41/37	45/41/38
Sound Power	Cooling	Max	dBA	62	62	62
Dehumidification Rate			l/h	1.5	3.3	4.4
Dimensions	Body	WxHxD	mm	840x288x840	840x288x840	840x288x840
Net Weight	Body		kg	28.0	28.0	28.0
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950x25x950	950x25x950	950x25x950
	Weight		kg	5.0	5.0	5.0
Outdoor				**UU37WH U33**	**UU43WH U33**	**UU49WH U33**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

Standard Inverter

CEILING CASSETTE

CT09 / CT12 / CT18 / CT24 / UT30

UU09W
UU12W

UU18W

UU24W
UU30W

Indoor				CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2	UT30 NP2
Capacity	Cooling	Min/Nom/Max	kW	1.0/2.5/2.8	1.4/3.4/3.7	2.0/4.7/5.5	2.8/7.1/7.8	3.2/8.0/8.8
	Heating	Min/Nom/Max	kW	1.2/3.0/3.3	1.6/4.0/4.4	2.2/5.5/6.1	3.2/8.0/8.8	3.6/9.0/9.9
Low Temperature Capacity	Heating -7°C	Max	kW	2.7	3.6	4.9	7.2	8.1
Power Input (Set)	Cooling	Nom	kW	0.75	1.06	1.46	1.92	2.49
	Heating	Nom	kW	0.81	1.10	1.52	2.21	2.72
Power Input (Indoor)		Min/Nom/Max	W	10/20/20	10/20/20	10/30/40	20/50/60	30/70/80
Running Current	Cooling/Heating	Nom	A	3.3/3.5	4.61/4.78	6.3/6.6	8.3/9.6	10.8/11.8
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.33	3.21	3.22	3.70	3.21
COP				3.70	3.64	3.62	3.62	3.31
SEER				5.11	5.61	4.81	6.11	6.11
SCOP				3.81	3.91	3.81	3.81	3.81
Pdesign (@-10°C)			kW	2.8	3.0	4.0	6.5	6.8
Seasonal Energy Label	Cooling/Heating			A/A	A+/A	B/A	A++/A	A++/A
Annual Energy Consumption	Cooling/Heating		kWh	172/1,032	213/1,077	343/1,474	407/2,395	459/2,505
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	8.5/7.0/6.0	9.5/8.0/7.0	13.0/12.0/11.0	17.0/15.0/13.0	19.0/17.0/15.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36/33/30	38/35/32	41/39/36	38/36/34	40/37/35
Sound Power	Cooling	Max	dBA	48	51	55	57	57
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4	2.5
Dimensions	Body	WxHxD	mm	570x214x570	570x214x570	570x256x570	840x204x840	840x204x840
Net Weight	Body		kg	14.0	14.0	15.5	20.5	20.5
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	700x22x700	700x22x700	700x22x700	950x25x950	950x25x950
	Weight		kg	3.0	3.0	3.0	5.0	5.0
Outdoor				**UU09W ULD**	**UU12W ULD**	**UU18W UE2**	**UU24W U42**	**UU30W U42**
Compressor	Type			Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	32	32	50	58	58
Sound Pressure	Cooling	Nom	dBA	47	47	48	48	48
	Heating	Nom	dBA	48	48	51	52	52
Sound Power	Cooling	Max	dBA	56	57	60	62	65
Dimensions	WxHxD		mm	770x540x245	770x540x245	870x655x320	950x834x330	950x834x330
Net Weight			kg	32.0	32.0	46.0	60.0	60.0
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400	2,000	2,000
	Additional Charge (after 10m)		g/m	20	20	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~43	-10~43	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	15	15	20	30	30
Piping Length Total		Min~Max	m	5~15	5~15	5~40	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	10	10	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition


UU36W


UU42W
UU48W
UU60W

Indoor				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min/Nom/Max	kW	4.0/10.0/11.0	5.0/12.5/13.8	5.5/13.9/15.7	5.9/14.6/16.3
	Heating	Min/Nom/Max	kW	4.4/11.0/12.1	5.0/14.0/15.4	6.4/15.4/17.6	6.8/16.9/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.51	5.50
Power Input (Indoor)		Min/Nom/Max	W	40/130/140	70/190/210	80/190/210	80/190/210
Running Current	Cooling/Heating	Nom	A	12.3/13.4	16.9/16.9	20.1/19.6	23.5/23.9
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	648/2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	24.0/22.0/19.0	30.0/28.0/26.0	34.0/32.0/30.0	34.0/32.0/30.0
Sound Pressure	Cooling	High/Medium/Low	dBA	43/40/37	46/44/43	49/47/45	49/47/45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	WxHxD	mm	840x246x840	840x288x840	840x288x840	840x288x840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950x25x950	950x25x950	950x25x950	950x25x950
	Weight		kg	5.0	5.0	5.0	5.0
Outdoor				**UU36W UO2**	**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

Standard Inverter
CEILING CASSETTE
3Phase
UT36 / UT42 / UT48 / UT60

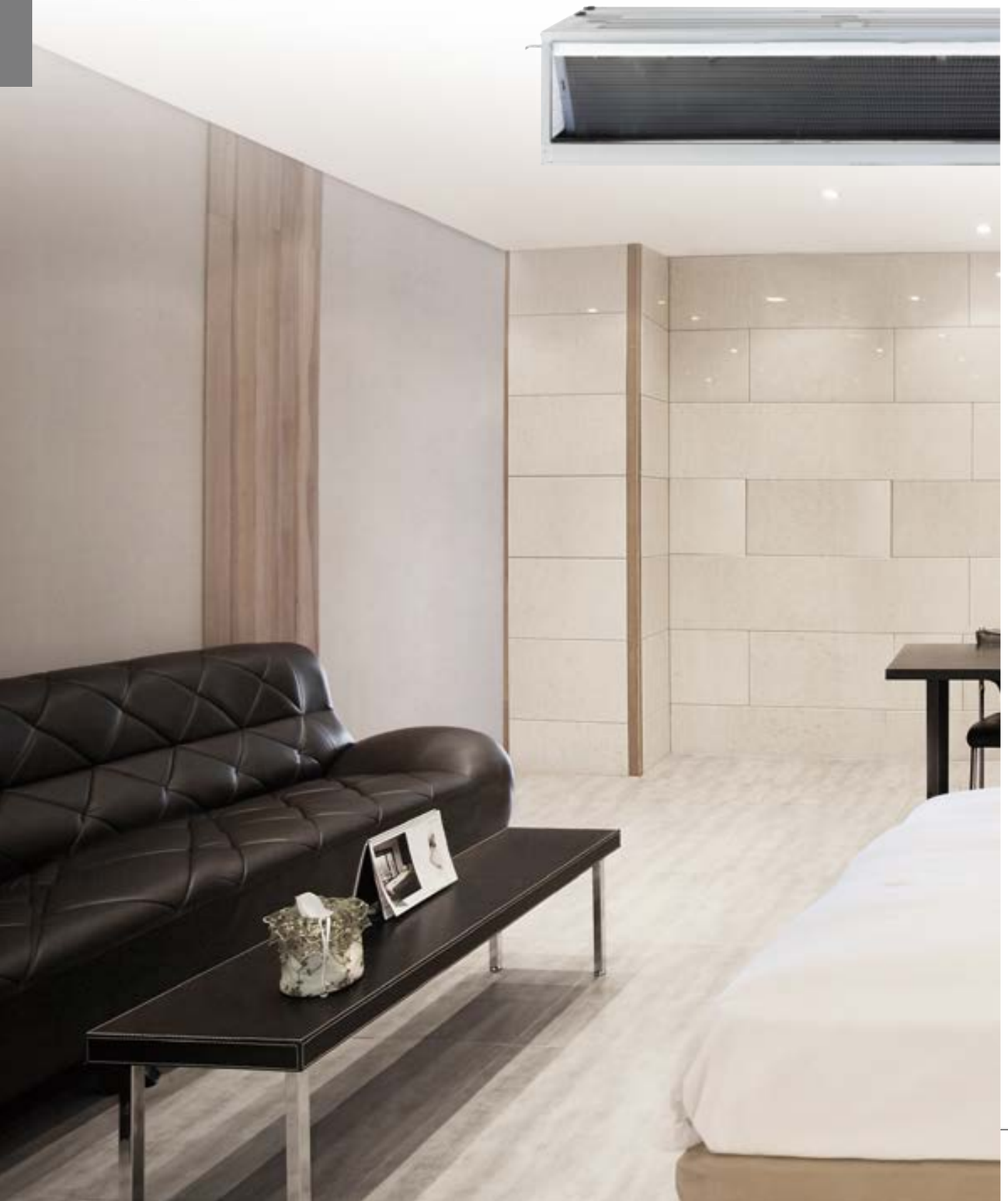

UU37W


UU43W
UU49W
UU61W

Indoor				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min/Nom/Max	kW	4.0/10.0/11.0	5.0/12.5/13.8	5.5/13.9/15.7	5.9/14.6/16.3
	Heating	Min/Nom/Max	kW	4.4/11.0/12.1	5.0/14.0/15.4	6.4/15.3/17.6	6.8/16.9/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.49	5.50
Power Input (Indoor)		Min/Nom/Max	W	40/130/140	70/190/210	80/190/210	80/190/210
Running Current	Cooling/Heating	Nom	A	4.1/4.5	5.6/5.6	6.7/6.5	7.8/8.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	648/2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	24.0/22.0/19.0	30.0/28.0/26.0	34.0/32.0/30.0	34.0/32.0/30.0
Sound Pressure	Cooling	High/Medium/Low	dBA	43/40/37	46/44/43	49/47/45	49/47/45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	WxHxD	mm	840x246x840	840x288x840	840x288x840	840x288x840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950x25x950	950x25x950	950x25x950	950x25x950
	Weight		kg	5.0	5.0	5.0	5.0
Outdoor				**UU37W UO2**	**UU43W U32**	**UU49W U32**	**UU61W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20	20
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

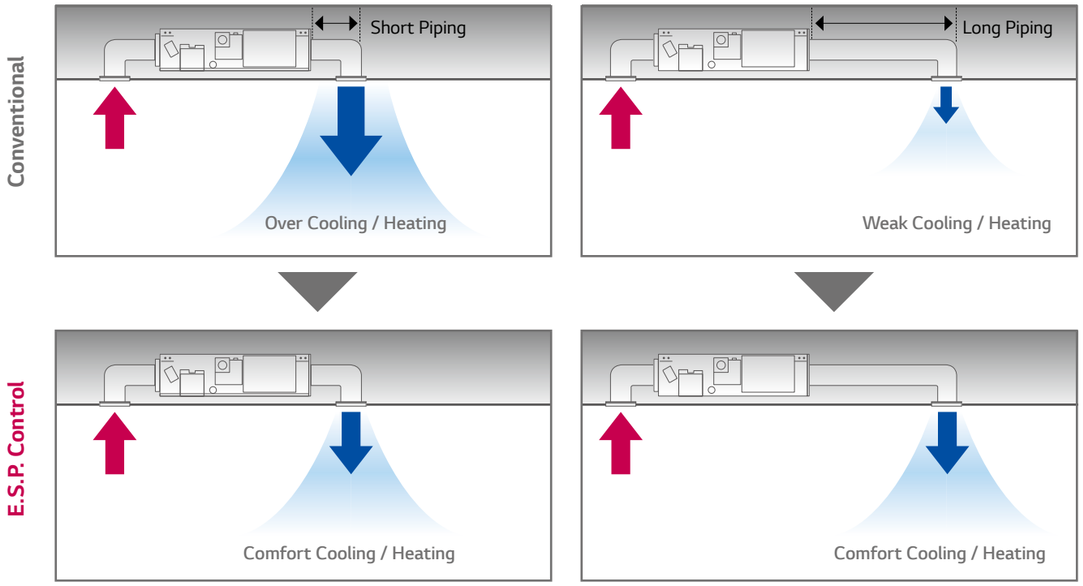
CEILING CONCEALED DUCT



CEILING CONCEALED DUCT

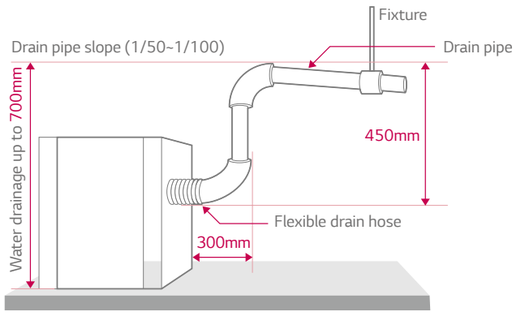
E.S.P. (External Static Pressure) Control

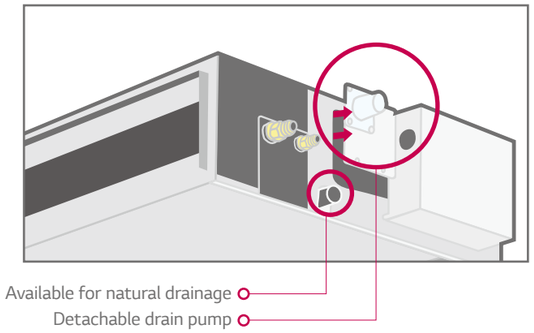
E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.



High Head Drain Pump

High head drain pump automatically drains water up to 200mm of drain-head height. It provides perfect solution for water drainage. (H-Inverter : Included / Standard Inverter : Accessory (ABDPG) / Low-static duct : Included)



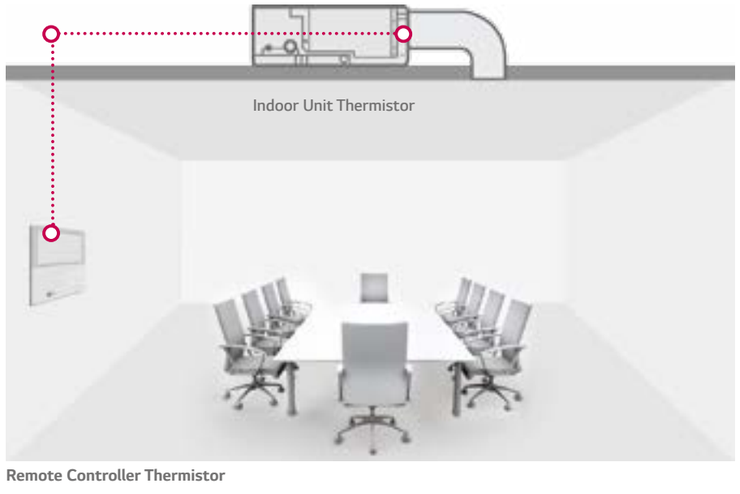


CEILING CONCEALED DUCT

Two Thermistors Control

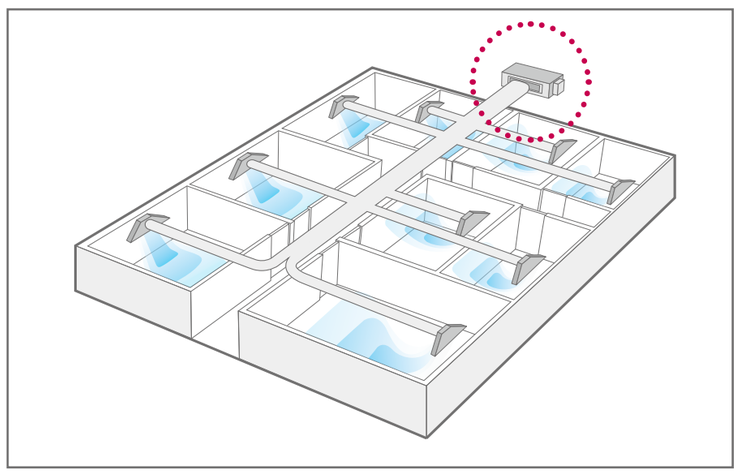
The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimise indoor air temperature for a more comfortable environment.

Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users



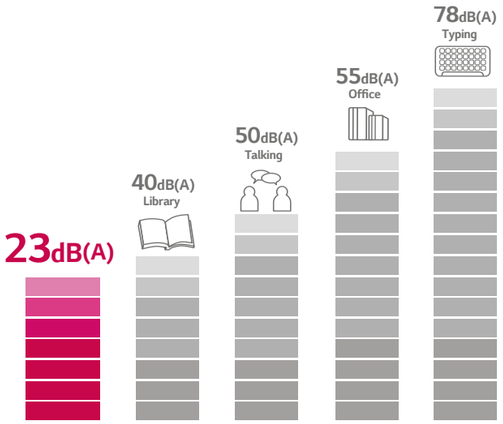
Operation for Multiple Rooms

Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously.



Quiet Operation

The noise level of low static ducts have been reduced, even though ESP has been increased.



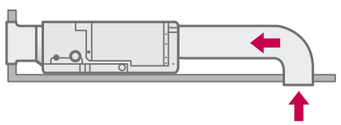
		CB09L N12	CB12L N22	CB18L N22	CB24L N32
Sound Pressure (High / Medium /Low)	db(A)	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32

Flexible Installation (Low static duct only)

The new low static duct allows the air intake at the rear or bottom under installation condition.

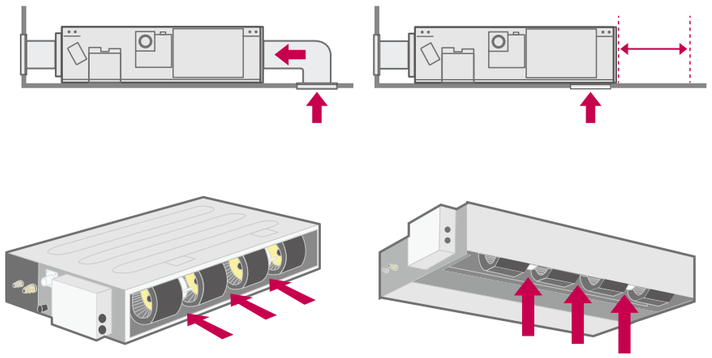
Conventional

Air intake at the only rear



New Low Static Duct

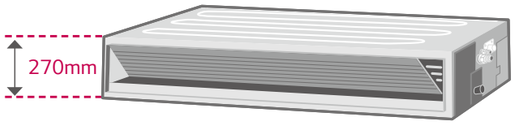
Air intake at the rear or bottom

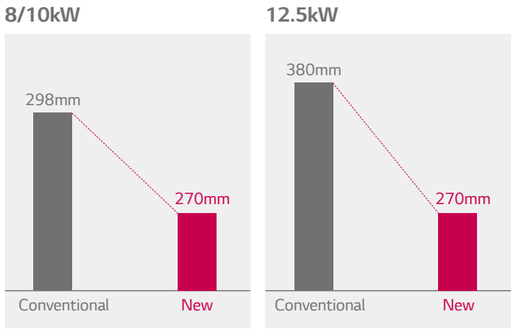


CEILING CONCEALED DUCT

Minimized Height

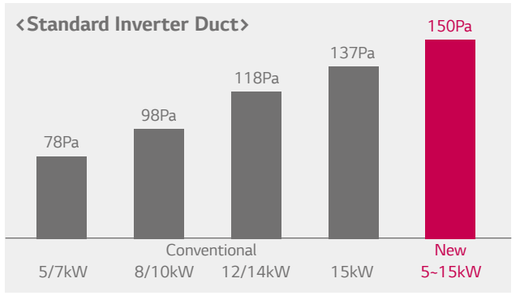
New mid-static ducts provide ideal solution for installation in limited space.





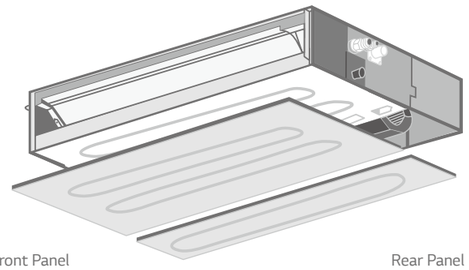
Maximized E.S.P. (External Static Pressure)

New standard inverter ducts improve E.S.P up to 150pa regardless of their capacities.



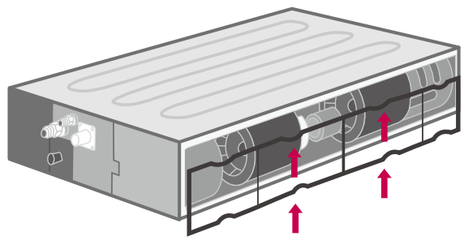
Easy Service & Maintenance

Users don't need to open whole panel for maintenance, since panel is divided into one for heat exchanger and one for fan/motor. Easily detach and attach the filter even in limited space.



Front Panel
(Heat Exchanger)

Rear Panel
(Fan / Motor)



Easily detach / Attach Filter

UU18WH

UU21WH
UU24WH

Indoor				UB18H NG1	UB21H NG1	UB24H NG1
Capacity	Cooling	Min/Nom/Max	kW	2.5/5.0/6.0	2.4/6.0/6.6	2.8/7.1/7.8
	Heating	Min/Nom/Max	kW	3.0/6.0/7.2	2.8/7.0/7.7	3.2/8.0/8.8
Low Temperature Capacity	Heating -7°C	Max	kW	5.9	6.9	7.9
Power Input (Set)	Cooling	Nom	kW	1.35	1.73	2.09
	Heating	Nom	kW	1.49	1.74	1.99
Power Input (Indoor)		Min/Max (ESP 2.5mmAq)	W	60/80	60/100	60/100
		Min/Max (ESP 8.0mmAq)	W	90/120	100/140	100/140
Running Current	Cooling/Heating	Nom	A	6.0/6.7	7.6/7.7	9.5/9.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.70	3.47	3.40
COP				4.03	4.02	4.02
SEER				5.31	5.61	5.61
SCOP				4.11	4.01	4.01
Pdesign (@-10°C)			kW	5.5	7.0	7.2
Seasonal Energy Label	Cooling/Heating			A/A+	A+/A+	A+/A+
Annual Energy Consumption	Cooling/Heating		kWh	330/1,878	375/2,450	444/2,520
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	17.0/15.0/13.0	25.0/20.0/14.0	25.0/20.0/14.0
Sound Pressure	Cooling	High/Medium/Low	dBA	30/28/27	37/33/29	37/33/29
Sound Power	Cooling	Max	dBA	56	60	60
Dehumidification Rate			l/h	1.2	0.4	1.4
Dimensions	Body	WxHxD	mm	1,182x298x450	1,182x298x450	1,182x298x450
Net Weight	Body		kg	34.0	35.0	35.0
External Static Pressure		Min~Max	mmAq(Pa)	2.5~10(25~98)	2.5~10(25~98)	2.5~10(25~98)
Outdoor				**UU18WH UE1**	**UU21WH U41**	**UU24WH U41**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	58	58	58
Sound Pressure	Cooling	Nom	dBA	47	47	47
	Heating	Nom	dBA	50	50	50
Sound Power	Cooling	Max	dBA	60	62	63
Dimensions	WxHxD		mm	870x808x320	950x834x330	950x834x330
Net Weight			kg	58.0	63.0	63.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	2,000	2,200	2,200
	Additional Charge (after 10m)		g/m	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	25	25
Piping Length Total		Min~Max	m	5~50	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING CONCEALED DUCT

H Inverter

UB36H / UB42H / UB48H

UU36WH
UU42WH
UU48WH

* Available from May

Indoor				UB36H NR1	UB42H NR1	UB48H NR1
Capacity	Cooling	Min/Nom/Max	kW	4.8/9.5/13.0	5.1/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.3/10.8/13.7	5.6/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.2	14.0	15.5
Power Input (Set)	Cooling	Nom	kW	2.16	3.16	3.88
	Heating	Nom	kW	2.57	3.50	4.18
Power Input (Indoor)		Min/Max (ESP 4.0mmAq)	W	80/180	90/190	100/220
		Min/Max (ESP 10.0mmAq)	W	100/200	120/220	190/280
Running Current	Cooling/Heating	Nom	A	10.0/12.0	14.5/16.2	18.1/19.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				4.40	3.83	3.45
COP				4.21	3.86	3.71
SEER				6.54	-	-
SCOP				4.23	-	-
Pdesign (@-10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A++/A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	508/3,641	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	34.0/28.0/21.0	37.0/31.0/24.0	40.0/34.0/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	39/37/35	40/38/36	41/39/37
Sound Power	Cooling	Max	dBA	60	62	62
Dehumidification Rate			l/h	1.6	3.7	4.5
Dimensions	Body	WxHxD	mm	1,230x380x590	1,230x380x590	1,230x380x590
Net Weight	Body		kg	53.0	53.0	53.0
External Static Pressure		Min~Max	mmAq(Pa)	4~12(39~118)	5~12(49~118)	5~12(49~118)
Outdoor				**UU36WH U34**	**UU42WH U34**	**UU48WH U34**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CONCEALED DUCT

H Inverter 3Phase

UB36H / UB42H / UB48H

UU37WH
UU43WH
UU49WH

* Available from May

Indoor				UB36H NR1	UB42H NR1	UB48H NR1
Capacity	Cooling	Min/Nom/Max	kW	4.8/9.5/13.0	5.1/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.3/10.8/13.7	5.6/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.2	14.0	15.5
Power Input (Set)	Cooling	Nom	kW	2.16	3.16	3.88
	Heating	Nom	kW	2.57	3.50	4.18
Power Input (Indoor)		Min/Max (ESP 4.0mmAq)	W	80/180	90/190	100/220
		Min/Max (ESP 10.0mmAq)	W	100/200	120/220	190/280
Running Current	Cooling/Heating	Nom	A	3.8/4.5	5.6/6.2	6.9/7.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				4.40	3.83	3.45
COP				4.21	3.86	3.71
SEER				6.54	-	-
SCOP				4.23	-	-
Pdesign (@-10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A++/A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	508/3,641	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	34.0/28.0/21.0	37.0/31.0/24.0	40.0/34.0/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	39/37/35	40/38/36	41/39/37
Sound Power	Cooling	Max	dBA	60	62	62
Dehumidification Rate			l/h	1.6	3.7	4.5
Dimensions	Body	WxHxD	mm	1,230x380x590	1,230x380x590	1,230x380x590
Net Weight	Body		kg	53.0	53.0	53.0
External Static Pressure		Min~Max	mmAq(Pa)	4~12(39~118)	5~12(49~118)	5~12(49~118)
Outdoor				**UU37WH U33**	**UU43WH U33**	**UU49WH U33**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CONCEALED DUCT

CM18 / CM24 / UM30

UU18W

UU24W
UU30W

* Available from May

* CM18 / CM24 are compatible with SCAC and MULTI

Indoor				CM18 N14	CM24 N14	UM30 N14
Capacity	Cooling	Min/Nom/Max	kW	2.0/5.0/5.4	2.8/7.1/7.8	3.2/7.8/8.8
	Heating	Min/Nom/Max	kW	2.4/6.0/6.6	3.2/8.0/8.8	3.6/9.0/9.9
Low Temperature Capacity	Heating -7°C	Max	kW	5.4	7.2	8.1
Power Input (Set)	Cooling	Nom	kW	1.45	2.36	2.20
	Heating	Nom	kW	1.66	2.49	2.43
Power Input (Indoor)		Min/Max (ESP 2.5mmAq)	W	50/80	50/90	90/150
		Min/Max (ESP 15.0mmAq)	W	90/160	100/180	160/240
Running Current	Cooling/Heating	Nom	A	6.3/7.2	10.3/10.8	10.1/10.7
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.41	3.11	3.51
COP				3.61	3.21	3.70
SEER				5.11	5.21	5.71
SCOP				3.81	3.81	4.01
Pdesign (@-10°C)			kW	3.8	6.0	6.5
Seasonal Energy Label	Cooling/Heating			A/A	A/A	A+/A+
Annual Energy Consumption	Cooling/Heating		kWh	339/1,396	477/2,205	478/2,269
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	16.5/14.5/13.0	18.0/16.5/14.5	22.0/20.0/18.0
Sound Pressure	Cooling	High/Medium/Low	dBA	34/32/30	35/34/32	37/35/34
Sound Power	Cooling	Max	dBA	59	60	62
Dehumidification Rate			l/h	2.0	2.5	2.8
Dimensions	Body	WxHxD	mm	900x270x700	900x270x700	900x270x700
Net Weight	Body		kg	24.0	24.0	25.0
External Static Pressure		Min~Max	mmAq(Pa)	2.5~15(25~147)	2.5~15(25~147)	2.5~15(25~147)
Outdoor				**UU18W UE2**	**UU24W U42**	**UU30W U42**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	50	58	58
Sound Pressure	Cooling	Nom	dBA	48	48	48
	Heating	Nom	dBA	51	52	52
Sound Power	Cooling	Max	dBA	60	62	65
Dimensions	WxHxD		mm	870x655x320	950x834x330	950x834x330
Net Weight			kg	46.0	60.0	60.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,400	2,000	2,000
	Additional Charge (after 10m)		g/m	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	30	30
Piping Length Total		Min~Max	m	5~40	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CONCEALED DUCT

UM36 / UM42 / UM48 / UM60

UU36W

UU42W
UU48W
UU60W

* Available from May

Indoor				UM36 N24	UM42 N24	UM48 N34	UM60 N34
Capacity	Cooling	Min/Nom/Max	kW	4.0/10.0/11.0	5.0/12.1/13.2	5.6/14.0/15.4	5.9/14.8/16.3
	Heating	Min/Nom/Max	kW	4.5/11.2/12.3	5.6/14.0/15.0	6.6/16.4/18.2	6.8/16.8/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	10.0	12.5	14.8	15.2
Power Input (Set)	Cooling	Nom	kW	3.12	3.76		
	Heating	Nom	kW	3.19	3.86		
Power Input (Indoor)		Min/Max (ESP 5.0mmAq)	W	120/210	140/260		
		Min/Max (ESP 15.0mmAq)	W	200/360	230/380		
Running Current	Cooling/Heating	Nom	A	13.6/13.9	16.6/17.2		
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.21	3.22		
COP				3.51	3.63		
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.8	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	685/2,866	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	32.0/28.0/24.0	38.0/33.0/28.0		
Sound Pressure	Cooling	High/Medium/Low	dBA	36/34/33	38/36/34		
Sound Power	Cooling	Max	dBA	60	62		
Dehumidification Rate			l/h	3.2	3.6		
Dimensions	Body	WxHxD	mm	1,250x270x700	1,250x270x700	1,250x360x700	1,250x360x700
Net Weight	Body		kg	35.0	37.0		
External Static Pressure		Min~Max	mmAq(Pa)	4~15(39~147)	5~15(49~147)		
Outdoor				**UU36W UO2**	**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	81.0	92.0	92.0	92
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4x0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CONCEALED DUCT

3Phase

UM36 / UM42 / UM48 / UM60

UU37W

UU43W
UU49W
UU61W

* Available from May

Indoor				UM36 N24	UM42 N24	UM48 N34	UM60 N34
Capacity	Cooling	Min/Nom/Max	kW	4.0/10.0/11.0	5.0/12.5/13.8	5.6/14.0/15.4	5.9/14.8/16.3
	Heating	Min/Nom/Max	kW	4.5/11.2/12.3	5.6/14.0/15.4	6.6/16.4/18.2	6.8 /16.8/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	10.0	12.5	14.8	15.2
Power Input (Set)	Cooling	Nom	kW	3.12	3.76		
	Heating	Nom	kW	3.19	3.86		
Power Input (Indoor)		Min/Max (ESP 5.0mmAq)	W	120/210	140/260		
		Min/Max (ESP 15.0mmAq)	W	200/360	230/380		
Running Current	Cooling/Heating	Nom	A	4.7/4.9			
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.21	3.22		
COP				3.51	3.63		
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.8	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	685/2,866	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	32.0/28.0/24.0	38.0/33.0/28.0		
Sound Pressure	Cooling	High/Medium/Low	dBA	36/34/33	38/36/34		
Sound Power	Cooling	Max	dBA	58	62		
Dehumidification Rate			l/h	2.6	3.6		
Dimensions	Body	WxHxD	mm	1,250x270x700	1,250x270x700	1,250x360x700	1,250x360x700
Net Weight	Body		kg	35.0	37.0		
External Static Pressure		Min~Max	mmAq(Pa)	4~15(39~147)	5~15(49~147)		
Outdoor				**UU37W UO2**	**UU43W U32**	**UU49W U32**	**UU61W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20	20
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

CEILING CONCEALED DUCT

CB09L / CB12L / CB18L / CB24L

UU09W
UU12W

UU18W

UU24W

Indoor				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling	Min/Nom/Max	kW	1.1/2.5/3.2	1.4/3.4/3.7	2.0/5.0/6.0	4.0/7.1/7.7
	Heating	Min/Nom/Max	kW	1.2/3.2/3.6	1.6/4.0/4.5	2.2/6.0/7.3	2.4/8.0/8.8
Low Temperature Capacity	Heating -7°C	Max	kW	3.5	4.4	6.7	8.7
Power Input (Set)	Cooling	Nom	kW	0.72	1.00	1.61	2.36
	Heating	Nom	kW	0.91	1.05	1.76	2.22
Power Input (Indoor)		Min/Max (ESP 2.5mmAq)	W	30/50	80/95	95/120	90/150
		Min/Max (ESP 5.0mmAq)	W	40/60	80/100	100/140	110/160
Running Current	Cooling/Heating	Nom	A	3.1/4.0	4.3/4.6	7.0/7.7	10.3/9.6
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.48	3.41	3.11	3.01
COP				3.51	3.81	3.41	3.61
SEER				5.11	5.61	4.61	5.11
SCOP				3.81	3.81	3.81	3.81
Pdesign (@-10°C)			kW	2.8	3.0	3.8	5.8
Seasonal Energy Label	Cooling/Heating			A/A	A+/A	B/A	A/A
Annual Energy Consumption	Cooling/Heating		kWh	172/1,032	213/1,105	377/1,400	487/2,137
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	9.0/7.0/5.5	10.0/8.5/7.0	15.0/12.5/10.0	20.0/16.0/12.0
Sound Pressure	Cooling	High/Medium/Low	dBA	30/26/23	31/28/27	36/34/31	39/35/32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	WxHxD	mm	700x190x700	900x190x700	900x190x700	1,100x190x700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
External Static Pressure		Min~Max	mmAq(Pa)	0~5(0~49)	0~5(0~49)	0~5(0~49)	0~5(0~49)
Outdoor				**UU09W ULD**	**UU12W ULD**	**UU18W UE2**	**UU24W U42**
Compressor	Type			Rotary	Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	32	32	50	58
Sound Pressure	Cooling	Nom	dBA	47	47	48	48
	Heating	Nom	dBA	48	48	51	52
Sound Power	Cooling	Max	dBA	56	57	60	62
Dimensions	WxHxD		mm	770x540x245	770x540x245	870x655x320	950x834x330
Net Weight			kg	32.0	32.0	46.0	60.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400	2,000
	Additional Charge (after 10m)		g/m	20	20	20	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~43	-10~43	-15~48	-15~48
	Heating	Min~Max	°C WB	-18 ~ 18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	15	15	20	30
Piping Length Total		Min~Max	m	5~15	5~15	5~40	5~50
Piping Elevation Difference	IDU-ODU	Max	m	10	10	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)

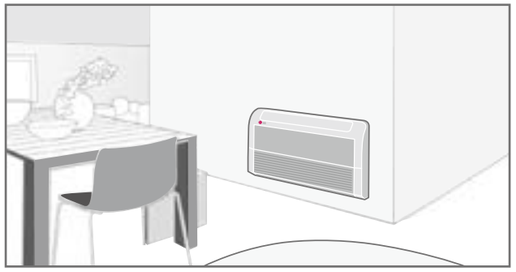
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

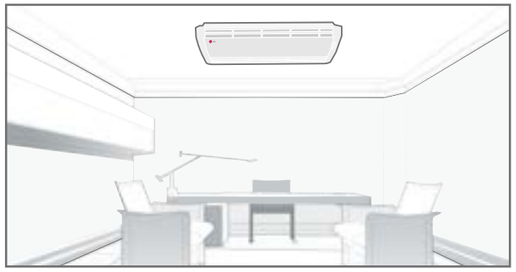
CEILING & FLOOR
CEILING SUSPENDED

CEILING & FLOOR
CEILING SUSPENDED

Flexible Installation

The ceiling and floor models can be installed either on the ceiling or on the floor.
This saves space when installed in the shops or offices.



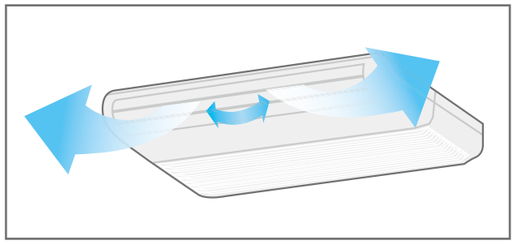


* Ceiling & Floor : CV09 NE2 / CV12 NE2

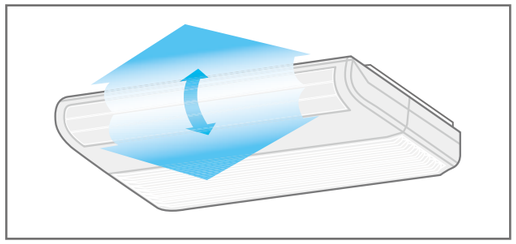
Airflow Direction Control

Vertical airflow direction can be adjusted using remote controller, and horizontal airflow direction can be adjusted manually.

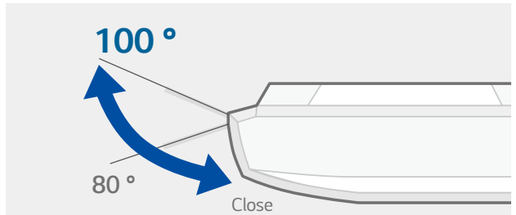
Horizontal



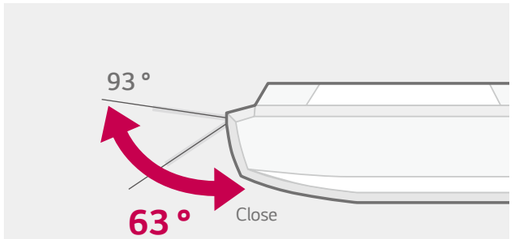
Vertical



Cooling



Heating



CEILING & FLOOR
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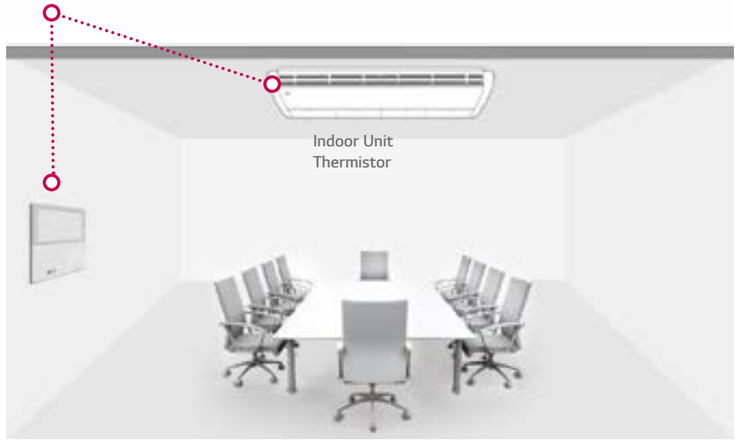
Two Thermistors Control

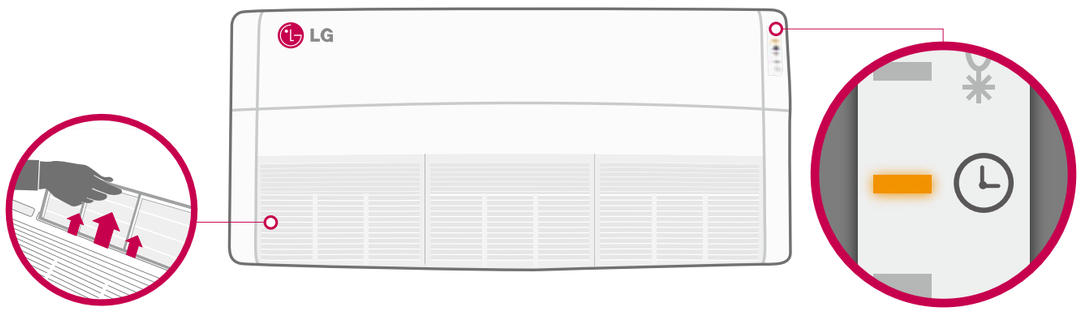
The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature.
Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users. Two thermistors can optimise indoor air temperature for a more comfortable environment.



Remote Controller Thermistor

Filter Change Alarm

The filter change alarm informs you when the unit has been operating for 2,400 hours. It is very easy to clean or change the filter.



One Touch Filter

Filter Change Alarm

CEILING SUSPENDED

Inverter

UV12H / UV18H / UV21H / UV24H


UU12WH


UU18WH


UU21WH
UU24WH


UV12H, UV18H


UV21H, UV24H

Indoor				UV12H NJ1	UV18H NJ1	UV21H NK1	UV24H NK1
Capacity	Cooling	Min/Nom/Max	kW	1.4/3.5/4.2	2.0/5.0/5.5	2.8/6.0/8.0	2.8/7.0/8.4
	Heating	Min/Nom/Max	kW	1.6/4.0/4.8	2.2/5.4/6.1	3.1/7.0/9.0	3.2/7.7/9.2
Low Temperature Capacity	Heating -7°C	Max	kW	3.9	5.3	7.1	7.7
Power Input (Set)	Cooling	Nom	kW	1.03	1.31	1.60	1.94
	Heating	Nom	kW	1.05	1.49	1.66	1.92
Power Input (Indoor)		Min/Max	W	40/60	40/70	40/80	40/90
Running Current	Cooling/Heating	Nom	A	4.4/4.6	6.0/6.7	7.6/7.7	9.5/9.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.40	3.81	3.75	3.61
COP				3.81	3.61	4.22	4.01
SEER				5.31	5.21	5.31	5.31
SCOP				4.01	3.81	4.01	4.01
Pdesign (@-10°C)			kW	4.0	5.3	7.0	7.2
Seasonal Energy Label	Cooling/Heating			A/A+	A/A	A/A+	A/A+
Annual Energy Consumption	Cooling/Heating		kWh	231/1,400	337/1,953	396/2,450	462/2,520
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	12.4/11.4/10.4	13.9/12.9/11.9	20.4/18.8/17.2	21.4/19.8/18.2
Sound Pressure	Cooling	High/Medium/Low	dBA	42/40/39	45/43/41	44/42/41	45/44/41
Sound Power	Cooling	Max	dBA	56	60	60	60
Dehumidification Rate			l/h	0.6	1.6	1.9	1.9
Dimensions	Body	WxHxD	mm	950x220x650	950x220x650	1,350x220x650	1,350x220x650
Net Weight	Body		kg	24.6	24.6	35.0	35.0
Outdoor				**UU12WH UE1**	**UU18WH UE1**	**UU21WH U41**	**UU24WH U41**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	50	58	58	58
Sound Pressure	Cooling	Nom	dBA	48	47	47	47
	Heating	Nom	dBA	48	50	50	50
Sound Power	Cooling	Max	dBA	60	60	62	63
Dimensions	WxHxD		mm	870x655x320	870x808x320	950x834x330	950x834x330
Net Weight			kg	46.0	58.0	63.0	63.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,250	2,000	2,200	2,200
	Additional Charge (after 10m)		g/m	20	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	15	20	25	25
Piping Length Total		Min~Max	m	5~30	5~50	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	20	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

UU36WH
UU42WH
UU48WH

* Available from May

Indoor				UV36H NL4	UV42H NL4	UV48H NL4
Capacity	Cooling	Min/Nom/Max	kW	4.5/9.5/13.0	5.0/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.0/10.8/13.7	5.5/13.5/16.5	6.1/15.0/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.1	13.9	15.2
Power Input (Set)	Cooling	Nom	kW	2.36	3.43	4.01
	Heating	Nom	kW	2.57	3.64	4.44
Power Input (Indoor)		Min/Max	W	80/160	80/160	85/160
Running Current	Cooling/Heating	Nom	A	11.4/12.1	16.2/17.2	18.9/20.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				4.02	3.53	3.34
COP				4.21	3.71	3.38
SEER				6.43	-	-
SCOP				4.36	-	-
Pdesign (@-10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A++/A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	517/3,532	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	28.6/26.9/25.2	28.6/26.9/25.2	31.5/29.7/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	47/46/44	47/46/44	48/47/45
Sound Power	Cooling	Max	dBA	65	66	67
Dehumidification Rate			l/h	3.4	5	5.8
Dimensions	Body	WxHxD	mm	1,750x220x650	1,750x220x650	1,750x220x650
Net Weight	Body		kg	36.0	36.0	36.0
Outdoor				**UU36WH U34**	**UU42WH U34**	**UU48WH U34**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	1/220-240/50	1 / 220-240 / 50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING SUSPENDED
UV36H / UV42H / UV48H

UU37WH
UU43WH
UU49WH

* Available from May

Indoor				UV36H NL4	UV42H NL4	UV48H NL4
Capacity	Cooling	Min/Nom/Max	kW	4.5/9.5/13.0	5.0/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.0/10.8/13.7	5.5/13.5/16.5	6.1/15.0/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.1	13.9	15.2
Power Input (Set)	Cooling	Nom	kW	2.36	3.43	4.01
	Heating	Nom	kW	2.57	3.64	4.44
Power Input (Indoor)		Min/Max	W	80/160	80/160	85/160
Running Current	Cooling/Heating	Nom	A	4.2/4.5	6.1/6.5	7.1/8.1
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				4.02	3.53	3.34
COP				4.21	3.71	3.38
SEER				6.43	-	-
SCOP				4.36	-	-
Pdesign (@-10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A++/A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	517/3,532	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	28.6/26.9/25.2	28.6/26.9/25.2	31.5/29.7/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	47/46/44	47/46/44	48/47/45
Sound Power	Cooling	Max	dBA	65	66	67
Dehumidification Rate			l/h	3.4	5	5.8
Dimensions	Body	WxHxD	mm	1,750x220x650	1,750x220x650	1,750x220x650
Net Weight	Body		kg	36.0	36.0	36.0
Outdoor				**UU37WH U33**	**UU43WH U33**	**UU49WH U33**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING & FLOOR

CV09 / CV12

UU09W
UU12W

* CV09 / CV12 are compatible with SCAC and MULTI.

Indoor				CV09 NE2	CV12 NE2
Capacity	Cooling	Min/Nom/Max	kW	1.0/2.5/2.8	1.3/3.3/3.6
	Heating	Min/Nom/Max	kW	1.2/3.0/3.3	1.5/3.8/4.2
Low Temperature Capacity	Heating -7°C	Max	kW	3.1	3.4
Power Input (Set)	Cooling	Nom	kW	0.75	1.09
	Heating	Nom	kW	0.83	1.18
Power Input (Indoor)		Min/Max	W	10/30	20/40
Running Current	Cooling/Heating	Nom	A	3.26/3.61	4.74/5.13
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
EER				3.33	3.03
COP				3.61	3.22
SEER				5.11	5.31
SCOP				3.81	3.81
Pdesign (@-10°C)			kW	3.0	3.0
Seasonal Energy Label	Cooling/Heating			A/A	A/A
Annual Energy Consumption	Cooling/Heating		kWh	172/1,102	218/1,102
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	7.6/6.9/6.2	9.2/7.6/6.6
Sound Pressure	Cooling	High/Medium/Low	dBA	38/35/32	40/36/31
Sound Power	Cooling	Max	dBA	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	WxHxD	mm	900x200x490	900x200x490
Net Weight	Body		kg	13.7	13.7
Outdoor				**UU09W ULD**	**UU12W ULD**
Compressor	Type			Rotary	Rotary
Airflow Rate		Nom	m^3/min	32	32
Sound Pressure	Cooling	Nom	dBA	47	47
	Heating	Nom	dBA	48	48
Sound Power	Cooling	Max	dBA	56	57
Dimensions	WxHxD		mm	770x540x245	770x540x245
Net Weight			kg	32.0	32.0
Refrigerant	Type			R410A	R410A
	Charge		g	1,000	1,000
	Additional Charge (after 10m)		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~43	-10~43
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75
Circuit Breaker			A	15	15
Piping Length Total		Min~Max	m	5~15	5~15
Piping Elevation Difference	IDU-ODU	Max	m	10	10
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING SUSPENDED

CV18 / CV24 / UV30

UU18W

UU24W
UU30W

* CV18 / CV24 are compatible with SCAC and MULTI.

Indoor				CV18 NJ2	CV24 NJ2	UV30 NJ2
Capacity	Cooling	Min/Nom/Max	kW	1.9/4.8/5.3	2.8/7.0/7.7	3.0/7.6/8.4
	Heating	Min/Nom/Max	kW	2.0/5.0/5.6	3.1/7.6/8.5	3.4/8.2/9.2
Low Temperature Capacity	Heating -7°C	Max	kW	4.6	6.9	7.5
Power Input (Set)	Cooling	Nom	kW	1.41	2.18	2.52
	Heating	Nom	kW	1.46	2.37	2.72
Power Input (Indoor)		Min/Max	W	30/50	40/60	40/60
Running Current	Cooling/Heating	Nom	A	6.1/6.3	9.5/10.3	11.0/11.8
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.40	3.21	3.02
COP				3.42	3.21	3.01
SEER				5.11	5.51	5.31
SCOP				3.81	3.81	3.81
Pdesign (@-10°C)			kW	4.0	5.8	6.3
Seasonal Energy Label	Cooling/Heating			A/A	A/A	A/A
Annual Energy Consumption	Cooling/Heating		kWh	329/1,474	445/2,137	502/2,321
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø12.7(1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	12.4/11.4/10.4	13.9/12.9/11.9	13.9/12.9/11.9
Sound Pressure	Cooling	High/Medium/Low	dBA	42/40/39	44/43/41	44/43/41
Sound Power	Cooling	Max	dBA	57	61	62
Dehumidification Rate			l/h	2.3	3.2	3.5
Dimensions	Body	WxHxD	mm	950x220x650	950x220x650	950x220x650
Net Weight	Body		kg	22.0	23.0	23.0
Outdoor				**UU18W UE2**	**UU24W U42**	**UU30W U42**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	50	58	58
Sound Pressure	Cooling	Nom	dBA	48	48	48
	Heating	Nom	dBA	51	52	52
Sound Power	Cooling	Max	dBA	60	62	65
Dimensions	WxHxD		mm	870x655x320	950x834x330	950x834x330
Net Weight			kg	46.0	60.0	60.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,400	2,000	2,000
	Additional Charge (after 10m)		g/m	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	30	30
Piping Length Total		Min~Max	m	5~40	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING SUSPENDED

UV36 / UV42 / UV48 / UV60

UU36W

UU42W
UU48W
UU60W

UV36

UV42, UV48 , UV60

Indoor				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min/Nom/Max	kW	3.8/9.5/10.5	5.0/12.5/13.8	5.3/13.3/14.6	5.7/14.4/15.7
	Heating	Min/Nom/Max	kW	4.2/10.5/11.6	5.6/13.6/15.4	6.4/15.3/17.6	6.8/16.8/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.78	3.89	4.28	5.24
	Heating	Nom	kW	3.08	3.68	4.49	5.42
Power Input (Indoor)		Min/Max	W	40/90	80/130	90/140	100/150
Running Current	Cooling/Heating	Nom	A	12.1/13.4	16.9/16.0	18.6/19.5	22.8/23.6
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.42	3.21	3.11	2.75
COP				3.41	3.70	3.41	3.10
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	652/2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	21.4/19.8/18.2	28.6/26.9/25.2	30.0/28.3/26.6	31.5/29.7/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45/44/41	46/44/43	47/46/44	48/47/45
Sound Power	Cooling	Max	dBA	63	63	63	63
Dehumidification Rate			l/h	3.5	4.5	5.8	6.2
Dimensions	Body	WxHxD	mm	1,350x220x650	1,750x220x650	1,750x220x650	1,750x220x650
Net Weight	Body		kg	34.1	42.5	42.5	42.5
Outdoor				**UU36W UO2**	**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING SUSPENDED

3Phase

UV36 / UV42 / UV48 / UV60

UU37W

UU43W
UU49W
UU61W

UV36

UV42, UV48 , UV60

Indoor				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min/Nom/Max	kW	3.8/9.5/10.5	5.0/12.5/13.8	5.3/13.3/14.6	5.7/14.4/15.7
	Heating	Min/Nom/Max	kW	4.2/10.5/11.6	5.6/13.6/15.4	6.4/15.3/17.6	6.8/16.8/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.78	3.89	4.28	5.24
	Heating	Nom	kW	3.08	3.68	4.49	5.42
Power Input (Indoor)		Min/Max	W	40/90	80/130	90/140	100/150
Running Current	Cooling/Heating	Nom	A	4.0/4.4	5.6/5.3	6.2/6.5	7.6/7.9
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1 / 220-240 / 50
EER				3.42	3.21	3.11	2.75
COP				3.41	3.70	3.41	3.10
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	652/2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	21.4/19.8/18.2	28.6/26.9/25.2	30.0/28.3/26.6	31.5/29.7/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45/44/41	46/44/43	47/46/44	48/47/45
Sound Power	Cooling	Max	dBA	63	63	63	63
Dehumidification Rate			l/h	3.5	4.5	5.8	6.2
Dimensions	Body	WxHxD	mm	1,350x220x650	1,750x220x650	1,750x220x650	1,750x220x650
Net Weight	Body		kg	34.1	42.5	42.5	42.5
Outdoor				**UU37W UO2**	**UU43W U32**	**UU49W U32**	**UU61W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 10m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20	20
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

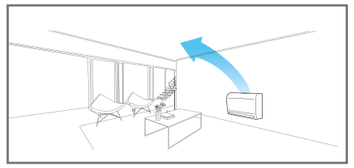
CONSOLE

CONSOLE

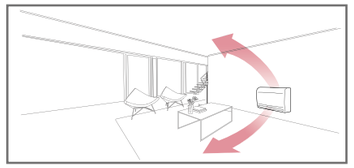
Optimised Air Flow for Cooling & Heating

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling.
When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.

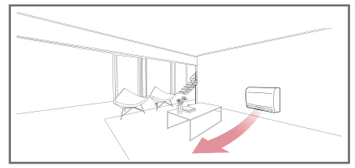
Cooling



Heating (Normal)

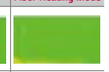
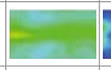
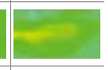


Heating (Floor Heating Mode)



Quick Floor Heating

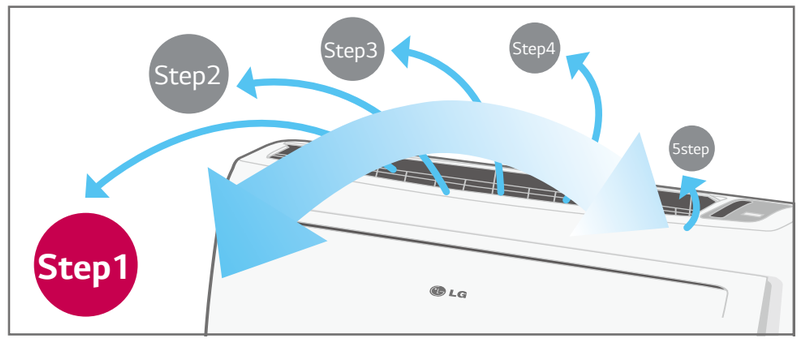
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating and help to reach the desired temperature quickly.

		Company A	Electric Heater	LG	LG Floor Heating Mode
27°C / 15°C	Vertical				
	Horizontal				
Lead Time for Heating (13℃ 21℃)		12 minutes 30 seconds	50 minutes	**9 minutes 30 seconds**	**8 minutes 40 seconds**

(Test Condition :Target Temp 23℃, Indoor Room:13℃~ , Outdoor Room:7℃)

5-Step Vane Control

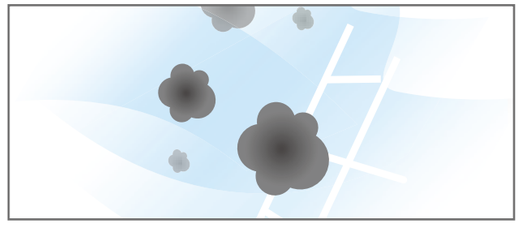
There are 5 different stages to control air flow direction.



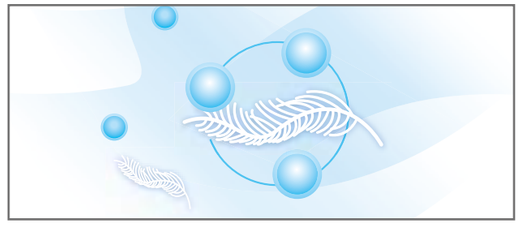
CONSOLE

Healthier Air (3 Stage Air Filter System)

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



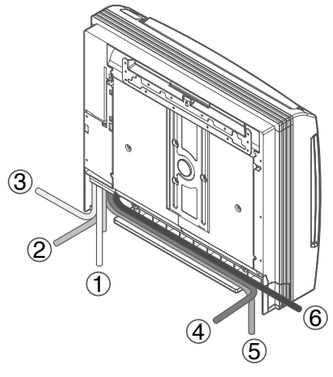
2nd Allergy Filter :
Filter consists of enzyme that breaks down allergens, apatite and organic/inorganic binders. When the air passes through the filter, allergens cling to the filter, and the filter deactivates the allergens.



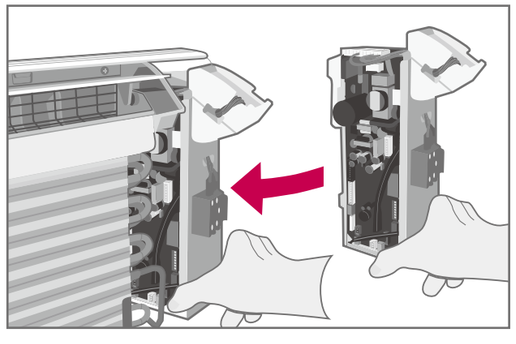
3rd Plasma Ion Generator :
The sterilised ion generator emits around 1.2 million ions, and traps some of the airborne hazardous substances.

Easy Installation and Service

6 different ways to install piping



Easy slide-type PCB



UU09W
UU12W

UU18W

*UU09W, UU12W only temperature control applied.
*CQ09 / CQ12/ CQ18 are compatible with SCAC and MULTI.

Indoor				CQ09 NA0	CQ12 NA0	CQ18 NA0
Capacity	Cooling	Min/Nom/Max	kW	1.3/2.6/3.4	1.4/3.5/3.7	2.0/4.6/5.5
	Heating	Min/Nom/Max	kW	1.4/3.1/4.2	1.6/4.0/4.4	2.2/4.8/6.0
Low Temperature Capacity	Heating -7°C	Max	kW	3.4	3.6	4.9
Power Input (Set)	Cooling	Nom	kW	0.64	1.06	1.49
	Heating	Nom	kW	0.74	1.08	1.40
Power Input (Indoor)		Min/Max	W	10/20	10/30	20/40
Running Current	Cooling/Heating	Nom	A	3.42/3.87	5.02/5.03	6.5/6.1
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.98	3.30	3.09
COP				4.19	3.70	3.43
SEER				5.11	5.31	4.71
SCOP				3.81	3.81	3.81
Pdesign (@-10°C)			kW	2.8	3.0	3.8
Seasonal Energy Label	Cooling/Heating			A/A	A/A	B/A
Annual Energy Consumption	Cooling/Heating		kWh	172/1,032	231/1,105	343/1,396
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	8.5/6.7/5.0	9.0/6.9/5.2	10.1/8.6/7.2
Sound Pressure	Cooling	High/Medium/Low	dBA	38/32/27	39/32/27	44/39/35
Sound Power	Cooling	Max	dBA	53	56	60
Dehumidification Rate			l/h	1.2	1.4	2.3
Dimensions	Body	WxHxD	mm	700×600×210	700×600×210	700×600×210
Net Weight	Body		kg	14.0	14.0	14.0
Outdoor				**UU09W ULD**	**UU12W ULD**	**UU18W UE2**
Compressor	Type			Rotary	Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	32	32	50
Sound Pressure	Cooling	Nom	dBA	47	47	48
	Heating	Nom	dBA	48	48	51
Sound Power	Cooling	Max	dBA	56	57	60
Dimensions	WxHxD		mm	770x540x245	770x540x245	870x655x320
Net Weight			kg	32.0	32.0	46.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400
	Additional Charge (after 7.5m)		g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~43	-10~43	-15~48
	Heating	Min~Max	°C WB	-18~18	-18 ~ 18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx2.5	3Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	15	15	20
Piping Length Total		Min~Max	m	5~15	5~15	5~40
Piping Elevation Difference	IDU-ODU	Max	m	10	10	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

FLOOR STANDING

Stylish Design

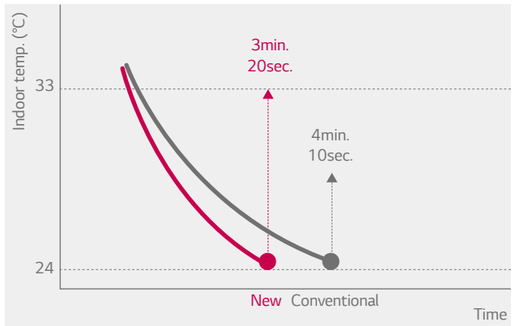
The new LG floor standing air conditioner which is Red Dot design award winner 2013, is ideal for modern interiors in your home or office.

reddot design award
winner 2013

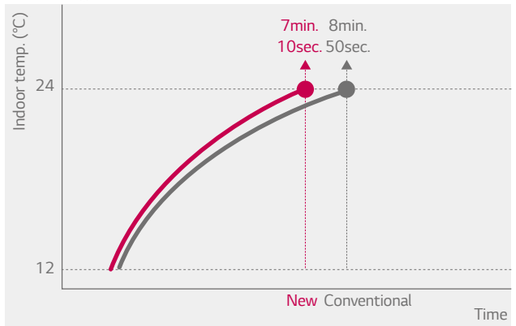
Quick Response

Offering powerful cooling, the commercial air conditioning system can reach a set temperature in a shorter period of time. Meanwhile, the Power Heating function provides the optimal airflow angle, guaranteeing a faster heating performance.

Cooling

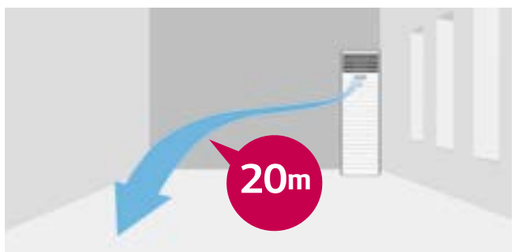


Heating



Powerful Air Flow

The new LG floor standing air conditioner is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner.

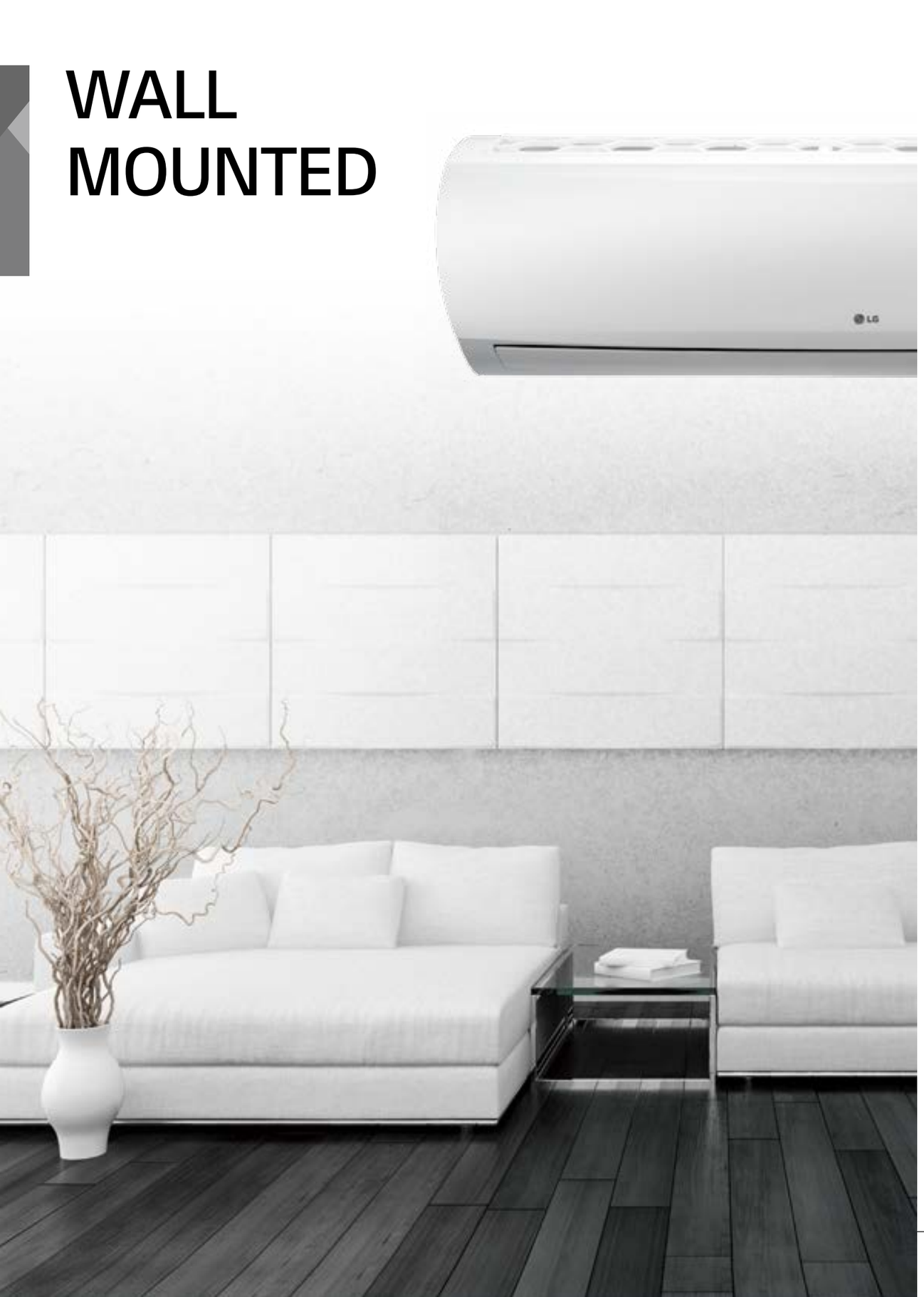


UU48W
UU49W

Indoor				UP48 NT2	
Capacity	Cooling	Min/Nom/Max	kW	6.0/13.4/15.2	6.0/13.4/15.2
	Heating	Min/Nom/Max	kW	6.0/15.5/17.1	6.0/15.5/17.1
Low Temperature Capacity	Heating -7°C	Max	kW	16.0	16.0
Power Input (Set)	Cooling	Nom	kW	4.2	4.2
	Heating	Nom	kW	4.5	4.5
Power Input (Indoor)		Min/Max	W	70/200	70/200
Running Current	Cooling/Heating	Nom	A	18.1/19.5	5.76/6.20
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
EER				3.21	3.21
COP				3.41	3.41
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25
Air Flow Rate		High/Medium/Low	m^3/min	31/27/23	31/27/23
Sound Pressure	Cooling	High/Medium/Low	dBA	52/49/45	52/49/45
Sound Power	Cooling	Max	dBA	59	59
Dehumidification Rate			l/h	5.0	5.0
Dimensions	Body	WxHxD	mm	590x1,840x460	590x1,840x460
Net Weight	Body		kg	50.0	50.0
Outdoor				**UU48W U32**	**UU49W U32**
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110
Sound Pressure	Cooling	Nom	dBA	52	52
	Heating	Nom	dBA	54	54
Sound Power	Cooling	Max	dBA	68	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330
Net Weight			kg	92.0	96.0
Refrigerant	Type			R410A	R410A
	Charge		g	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	3/380-415/50
Power Supply Cable			No.xmm²	3Cx5.0	5Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	20
Piping Length Total		Min~Max	m	75	75
Piping Elevation Difference	IDU-ODU	Max	m	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

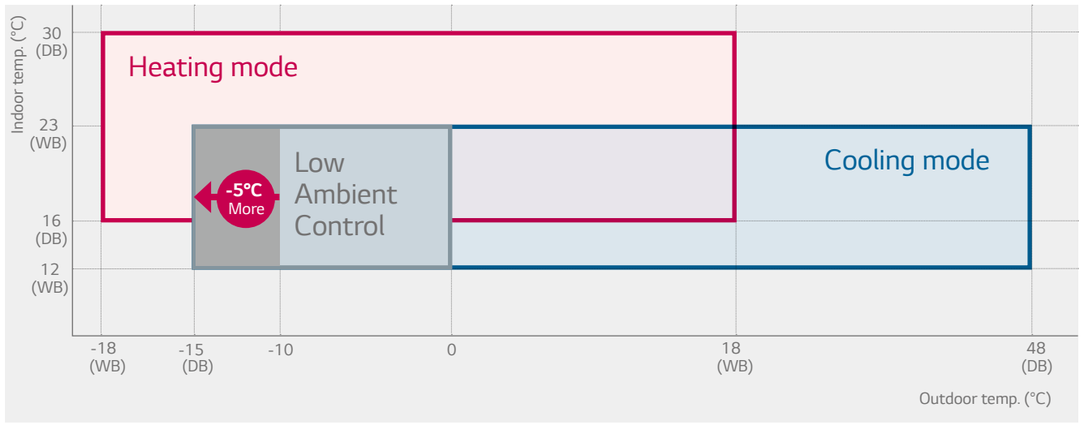
WALL MOUNTED



WALL MOUNTED

Wide Operation Range

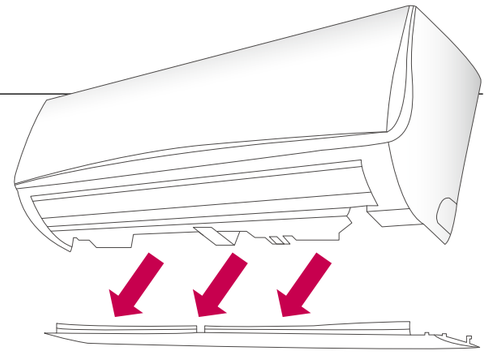
Ideal solution for server rooms, machine rooms and kitchens.



Easy Installation

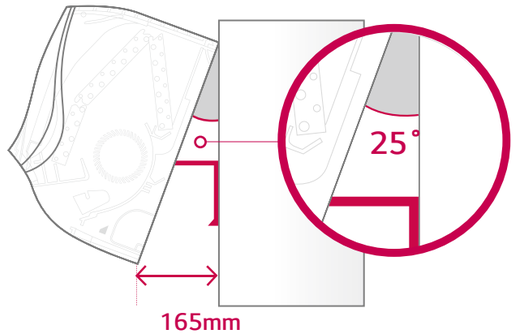
Detachable Bottom Cover

The bottom cover is detachable when needed, making installation easier. Disassembly or additional support of the unit is unnecessary. Installation can be completed by one individual with LG's patented support tool.



Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.



WALL MOUNTED

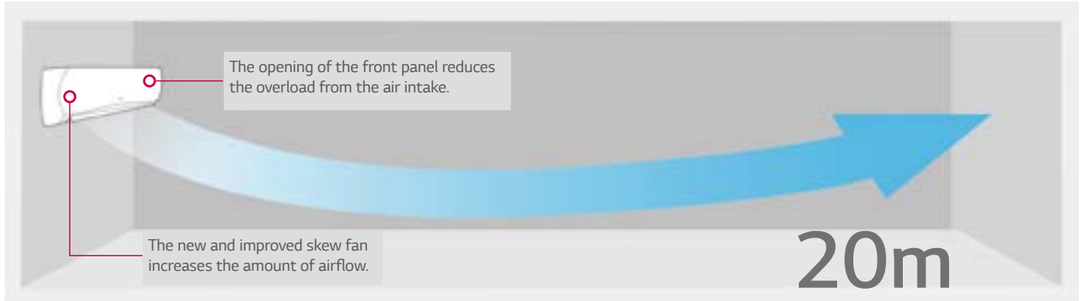
High Energy Efficiency

New wall mounted units provide good seasonal energy efficiency connected with Standard Inverter outdoor units.

	8.0kW	10kW
SEER	6.1 (A++)	5.4 (A+)
SCOP	3.9 (A)	3.8 (A)

Powerful Cooling & Heating

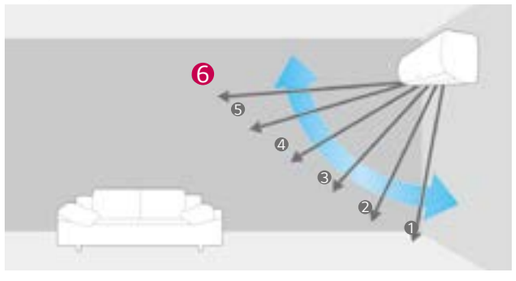
20m Windblast



Optimized Airflow

Direction of horizontal vane can be adjusted from step 1 to step 6 with full auto swing.
This function can cool and heat specific areas much faster.

6 Step Vertical Vane



Quick cooling & heating

Jet cooling and heating disperses air evenly at high speed to secure an optimally cooled or heated room in just 3 minutes.


UU30W


UU36W
UU37W

Indoor				UJ30 NV2	UJ36 NV2	UJ36 NV2
Capacity	Cooling	Min/Nom/Max	kW	3.5/7.8/8.5	4.0/9.5/10.5	4.0/9.5/10.5
	Heating	Min/Nom/Max	kW	4.0/8.4/9.2	4.4/10.5/11.5	4.4/10.5/11.5
Low Temperature Capacity	Heating -7°C	Max	kW	7.5	9.4	9.4
Power Input (Set)	Cooling	Nom	kW	2.29	2.79	2.79
	Heating	Nom	kW	2.46	3.08	3.08
Power Input (Indoor)		Min/Max	W	50/140	60/160	60/160
Running Current	Cooling/Heating	Nom	A	10.0/10.7	12.1/13.4	4.0/4.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.41	3.41	3.41
COP				3.41	3.41	3.41
SEER				6.11	5.41	5.41
SCOP				3.91	3.81	3.81
Pdesign ((@-10°C)			kW	6.3	7.6	7.6
Seasonal Energy Label	Cooling/Heating			A++/A	A/A	A/A
Annual Energy Consumption	Cooling/Heating		kWh	447/2,256	615/2,793	615/2,793
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m^3/min	23.0/20.0/17.0	26.0/23.0/19.0	26.0/23.0/19.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45/42/40	48/45/41	48/45/41
Sound Power	Cooling	Max	dBA	61	63	63
Dehumidification Rate			l/h	3.0	3.4	3.4
Dimensions	Body	WxHxD	mm	1,190×346×265	1,190×346×265	1,190×346×265
Net Weight	Body		kg	15.7	16.0	16.0
Outdoor				**UU30W U42**	**UU36W UO2**	**UU37W UO2**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	58	90	90
Sound Pressure	Cooling	Nom	dBA	48	53	53
	Heating	Nom	dBA	52	54	54
Sound Power	Cooling	Max	dBA	65	66	66
Dimensions	WxHxD		mm	950x834x330	950x1,170x330	950x1,170x330
Net Weight			kg	60.0	81.0	85.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	2,000	2,800	2,800
	Additional Charge (after 7.5m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	3/380-415/50
Power Supply Cable			No.xmm²	3Cx2.5	3Cx5.0	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	30	40	20
Piping Length Total		Min~Max	m	5~50	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

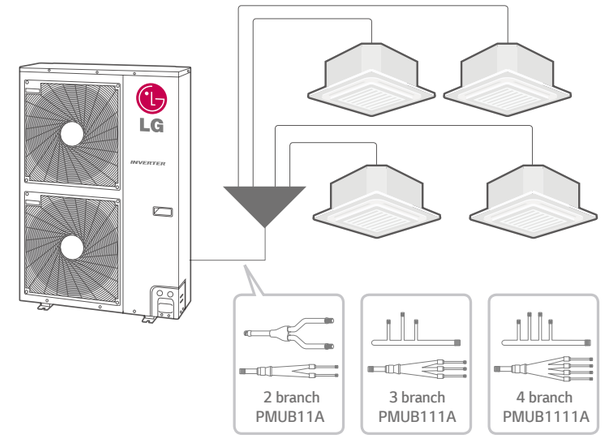
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

SYNCHRO OPERATION

SYNCHRO OPERATION

- Simultaneous operation
- Connect up to 4 indoor units
- Only using simple branch piping
- H-Inverter : 10.0/12.5/13.4 kW
- Standard Inverter : 12.5/14.0/15.0 kW
- 3Phase Standard Inverter : 12.5/14.0/15.0 kW
- 3Phase H Inverter : 10/12.5/14 kW

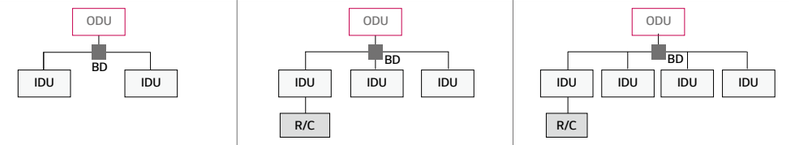
- High efficiency & Low noise
- Various indoor unit types



IDU : Indoor Unit
ODU : Outdoor Unit
BD : Branch Distributor Unit
R/C : Wired Remote Controller

Possible combination of indor units

Installation scene



Outdoor Unit	Capacity (kW)		Duo			Trio			Quartet		
	Cooling	Heating	Cassette	Duct	Ceiling & Floor	Cassette	Duct	Ceiling & Floor	Cassette	Duct	Ceiling & Floor
UU36WH U34 UU37WH U33	10.0	11.2	UT18H NP1 *2	UB18H NG1 *2	UV18H NJ1 *2	UT12H NP1 *3	-	UV12H NJ1 *3	-	-	-
UU42WH U34 UU43WH U33	12.5	14.0	UT21H NN1 *2	UB21H NG1 *2	UV21H NK1 *2	UT18H NP1 *3	UB18H NG1 *3	UV18H NJ1 *3	UT12H NP1 *4	-	-
UU48WH U34 UU49WH U33	13.4	15.5	UT24H NN1 *2	UB24H NG1 *2	UV24H NK1 *2	UT18H NP1 *3	UB18H NG1 *3	UV18H NJ1 *3	UT12H NP1 *4	-	-
UU42W U32 UU43W U32	12.5	14.0	CT24 NP2 *2	CM24 N14 *2 CB24L N32 *2	CV24 NJ2 *2	CT18 NQ2 *3	CM18 N14 *3 CB18L N22 *3	CV18 NJ2 *3	CT12 NR2 *4	CB12L N22 *4	-
UU48W U32 UU49W U32	14.0	16.0	CT24 NP2 *2	CM24 N14 *2 CB24L N32 *2	CV24 NJ2 *2	CT18 NQ2 *3	CM18 N14 *3 CB18L N22 *3	CV18 NJ2 *3	CT12 NR2 *4	CB12L N22 *4	-
UU60W U32 UU61W U32	15.0	17.0	UT30 NP2 *2	UM30 N14 *2	UV30 NJ2*2	CT18 NQ2 *3	CM18 N14 *3 CB18L N22 *3	CV18 NJ2 *3	CT12 NR2 *4	CB12L N22 *4	-
Accessories	Remote Controller		Wired Remote Controller : PQRCVSL0 (Black) or PQRCVSL0QW (White)*								
	BD unit		PMUB11A			PMUB111A			PMUB1111A		
	AC EZ		PQCSZ250S0								

Branch Pipes

Model	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)

* For Ceiling & Floor / Ceiling Suspended, the wired remote controller has to be purchased separately.

SYNCHRO OPERATION

UU36WH / UU42WH / UU48WH

* Available from May

System Model						
Indoor Model				UT12H / UT18H / UT21H / UT24H N*1 UB18H / UB21H / UB24H N*1 UV12H / UV18H / UV21H / UV24H N*1		
Indoor						
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table		
	Heating	Min/Nom/Max	kW			
Power Input	Cooling	Nom	kW			
	Heating	Nom	kW			
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover		
Power Supply			ø/V/Hz			
EER						
COP						
Piping Connection	Liquid		mm(inch)			
	Gas		mm(inch)			
	Drain	O.D./I.D.	mm			
Air Flow Rate		High/Medium/Low	m^3/min			
Sound Pressure	Cooling	High/Medium/Low	dBA			
Sound Power	Cooling	Max	dBA			
Dehumidification Rate			l/h			
Dimensions	Body	WxHxD	mm			
Net Weight	Body		kg			
Fan Motor Output			W			
Outdoor				UU36WH U34	UU42WH U34	UU48WH U34
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual		
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80	80	80
	Main Piping		m	45	45	45
	Total Branch Piping		m	40	40	40
	Each Branch Piping		m	15	15	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30	30	30
	Indoor Unit~Indoor Unit		m	1	1	1

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Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

SYNCHRO OPERATION

UU37WH / UU43WH / UU49WH

* Available from May

System Model						
Indoor Model				UT12H / UT18H / UT21H / UT24H N*1 UB18H / UB21H / UB24H N*1 UV12H / UV18H / UV21H / UV24H N*1		
Indoor						
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table		
	Heating	Min/Nom/Max	kW			
Power Input	Cooling	Nom	kW			
	Heating	Nom	kW			
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover		
Power Supply			ø/V/Hz			
EER						
COP						
Piping Connection	Liquid		mm(inch)			
	Gas		mm(inch)			
	Drain	O.D./I.D.	mm			
Air Flow Rate		High/Medium/Low	m^3/min			
Sound Pressure	Cooling	High/Medium/Low	dBA			
Sound Power	Cooling	Max	dBA			
Dehumidification Rate			l/h			
Dimensions	Body	WxHxD	mm			
Net Weight	Body		kg			
Fan Motor Output			W			
Outdoor				UU37WH U33	UU43WH U33	UU49WH U33
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual		
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80	80	80
	Main Piping		m	45	45	45
	Total Branch Piping		m	40	40	40
	Each Branch Piping		m	15	15	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30	30	30
	Indoor Unit~Indoor Unit		m	1	1	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

SYNCHRO OPERATION

UU42W / UU48W / UU60W

System Model						
Indoor Model				CT12 / CT18 / CT24 / UT30 N*2 CM18 / CM24 / UM30 N*4 CB12L / CB18L / CB24L N*2 CV18 / CV24 / UV30 N*2		
Indoor						
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table		
	Heating	Min/Nom/Max	kW			
Power Input	Cooling	Nom	kW			
	Heating	Nom	kW			
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover		
Power Supply			ø/V/Hz			
EER						
COP						
Piping Connection	Liquid		mm(inch)			
	Gas		mm(inch)			
	Drain	O.D./I.D.	mm			
Air Flow Rate		High/Medium/Low	m^3/min			
Sound Pressure	Cooling	High/Medium/Low	dBA			
Sound Power	Cooling	Max	dBA			
Dehumidification Rate			l/h			
Dimensions	Body	WxHxD	mm			
Net Weight	Body		kg			
Fan Motor Output			W			
Outdoor				**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	52	52	52
	Heating	Nom	dBA	54	54	54
Sound Power	Cooling	Max	dBA	67	68	71
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual		
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1 / 220-240/50	1 / 220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80	80	80
	Main Piping		m	45	45	45
	Total Branch Piping		m	40	40	40
	Each Branch Piping		m	15	15	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30	30	30
	Indoor Unit~Indoor Unit		m	1	1	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

SYNCHRO OPERATION

UU43W / UU49W / UU61W

System Model						
Indoor Model				CT12 / CT18 / CT24 / UT30 N*2 CM18 / CM24 / UM30 N*4 CB12L / CB18L / CB24L N*2 CV18 / CV24 / UV30 N*2		
Indoor						
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table		
	Heating	Min/Nom/Max	kW			
Power Input	Cooling	Nom	kW			
	Heating	Nom	kW			
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover		
Power Supply			ø/V/Hz			
EER						
COP						
Piping Connection	Liquid		mm(inch)			
	Gas		mm(inch)			
	Drain	O.D./I.D.	mm			
Air Flow Rate		High/Medium/Low	m^3/min			
Sound Pressure	Cooling	High/Medium/Low	dBA			
Sound Power	Cooling	Max	dBA			
Dehumidification Rate			l/h			
Dimensions	Body	WxHxD	mm			
Net Weight	Body		kg			
Fan Motor Output			W			
Outdoor				**UU43W U32**	**UU49W U32**	**UU61W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	52	52	52
	Heating	Nom	dBA	54	54	54
Sound Power	Cooling	Max	dBA	67	68	71
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual		
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5	5Cx2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80	80	80
	Main Piping		m	45	45	45
	Total Branch Piping		m	40	40	40
	Each Branch Piping		m	15	15	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30	30	30
	Indoor Unit~Indoor Unit		m	1	1	1

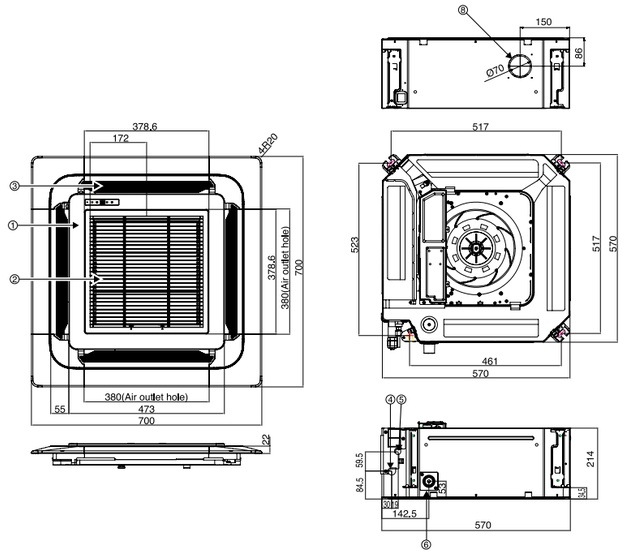
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition

CEILING CASSETTES

CT09 NR2 / CT12 NR2

(Unit:mm)

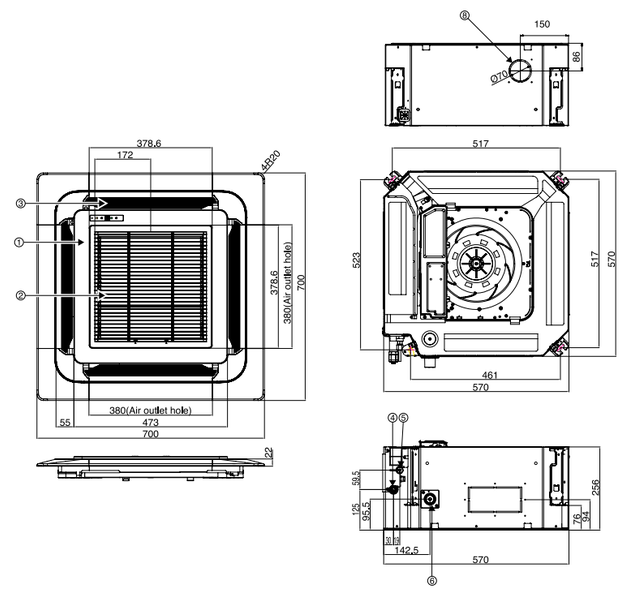
	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



CT18 NQ2

(Unit:mm)

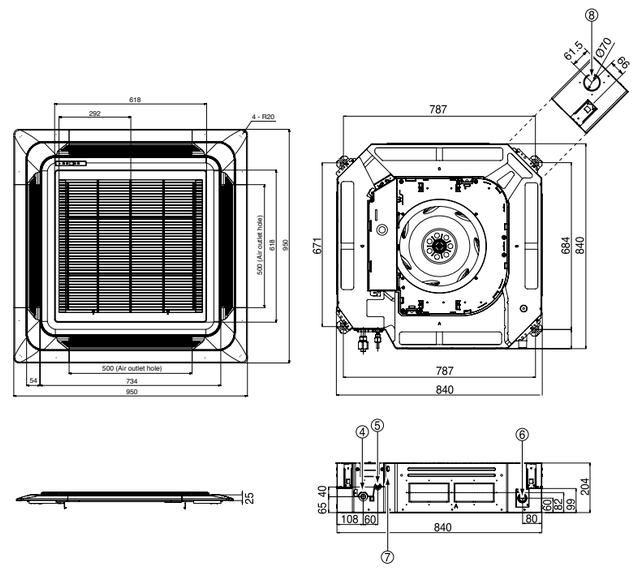
	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



CT24 NP2 / UT30 NP2 / UT12H NP1 / UT18H NP1

(Unit:mm)

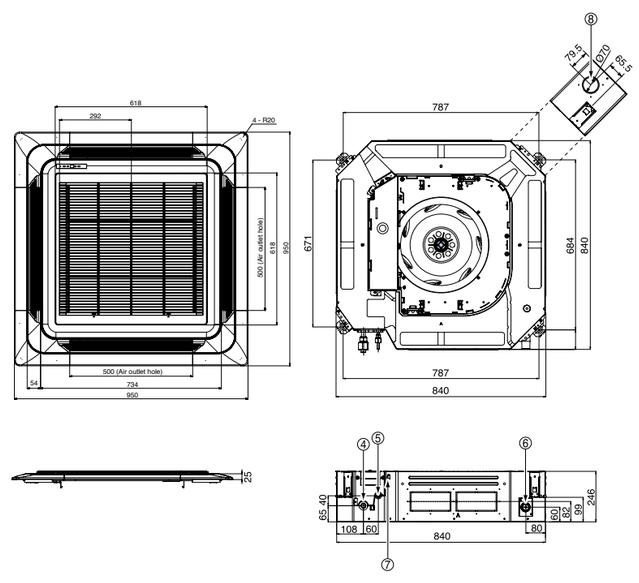
	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)



UT36 NN2 / UT21H NN1 / CT24H NN1

(Unit:mm)

	Part Name
1	Decoration panel (PT-UMC1)
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)

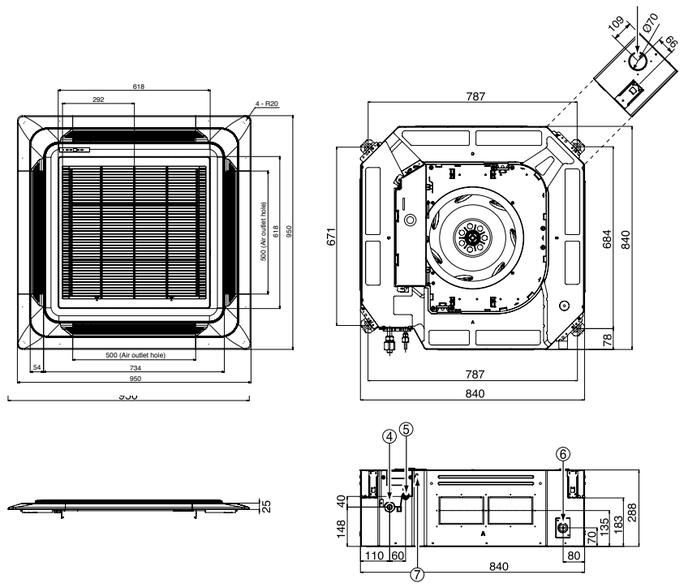


CEILING CASSETTES

UT42 NM2 / UT48 NM2 / UT60 NM2 / UT36H NM4 / UT42H NM4 / UT48H NM4

(Unit:mm)

	Part Name
1	Decoration panel (PT-UMC1)
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)

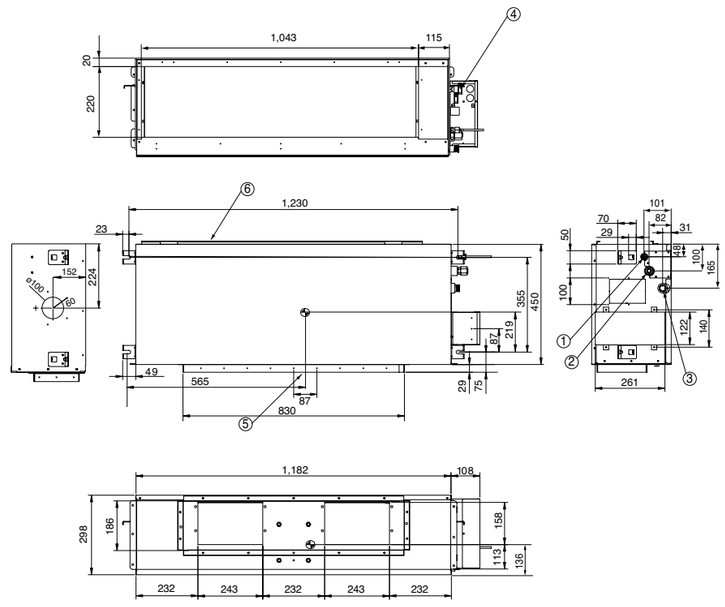


CEILING CONCEALED DUCTS

UB18H NG1 / UB21H NG1 / UB24H NG1

(Unit:mm)

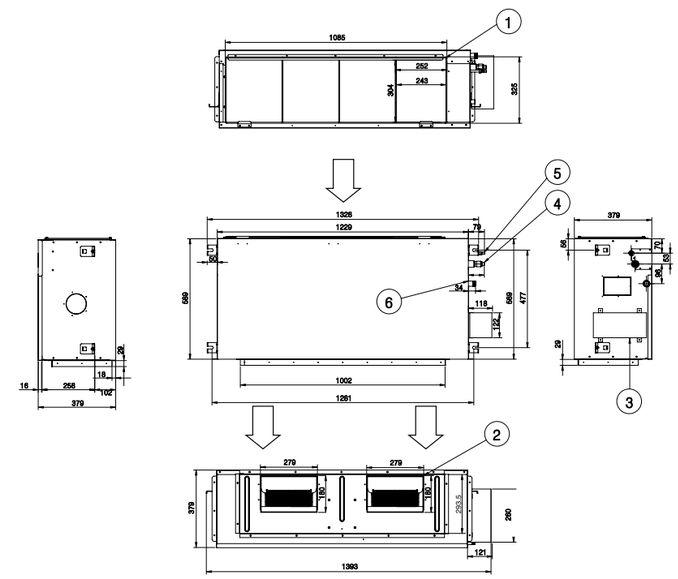
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



UB36H NR3 / UB42H NR3 / UB48H NR3

(Unit:mm)

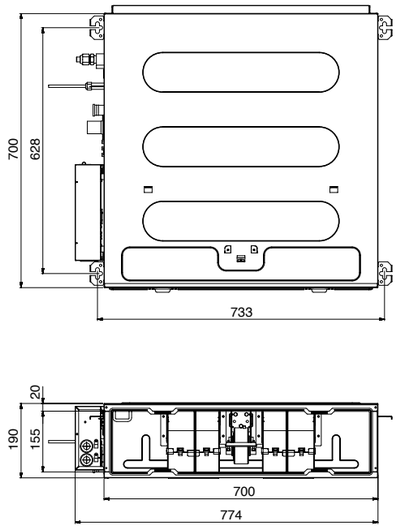
	Part Name
1	Air suction flange
2	Air discharge flange
3	Control box
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection



CB09L N12

(Unit:mm)

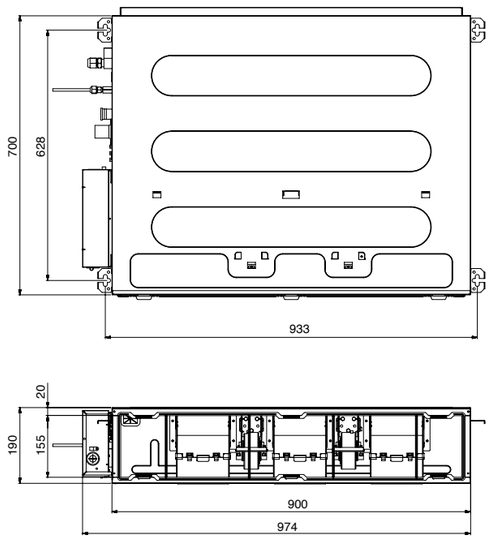
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



CB12L N22 / CB18L N22

(Unit:mm)

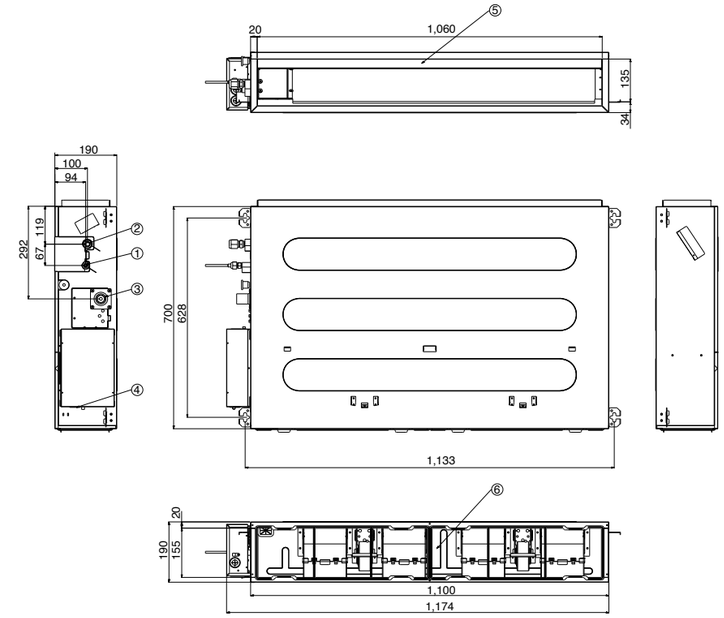
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



CB24L N32

(Unit:mm)

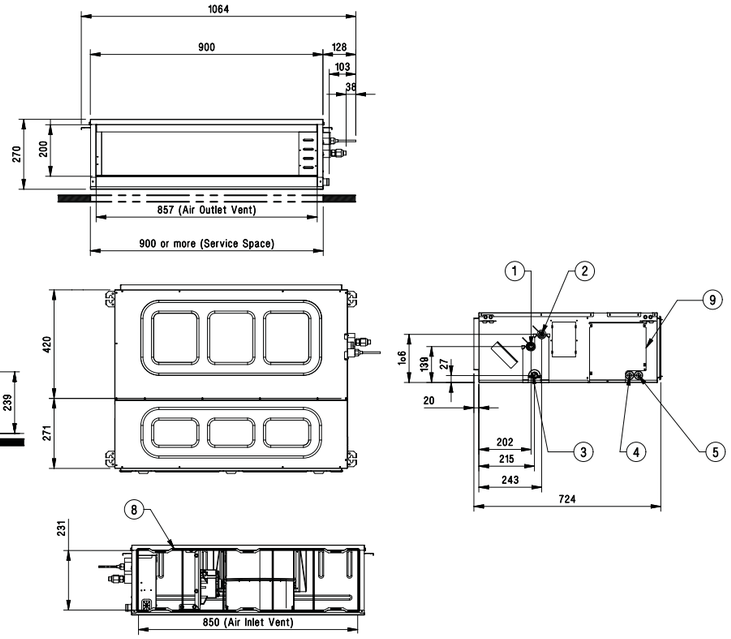
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction



CM18 N14 / CM24 N14 / UM30 N14

(Unit:mm)

	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet Vent
7	Air Outlet Vent
8	Air Filter
9	Control Cover

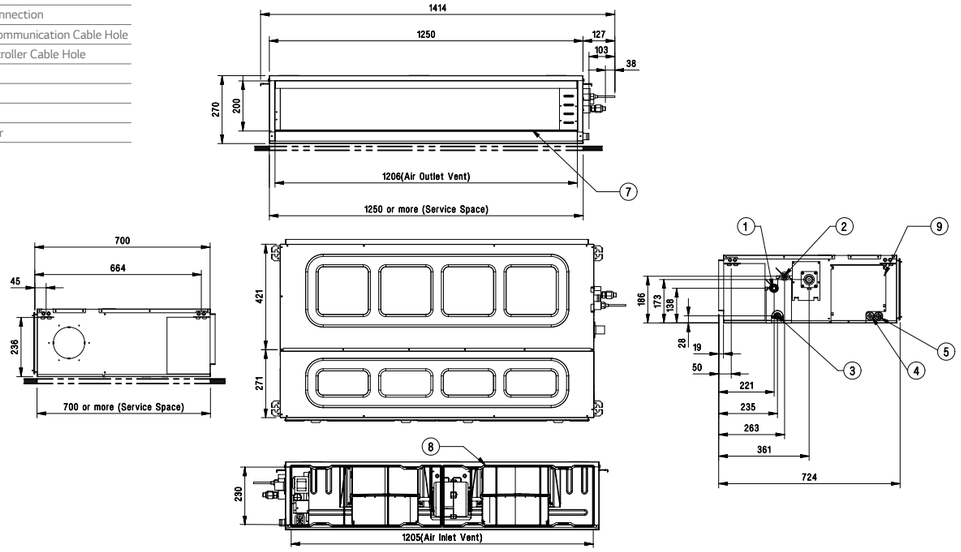


CEILING CONCEALED DUCTS

UM36 N24 / UM42 N24

(Unit:mm)

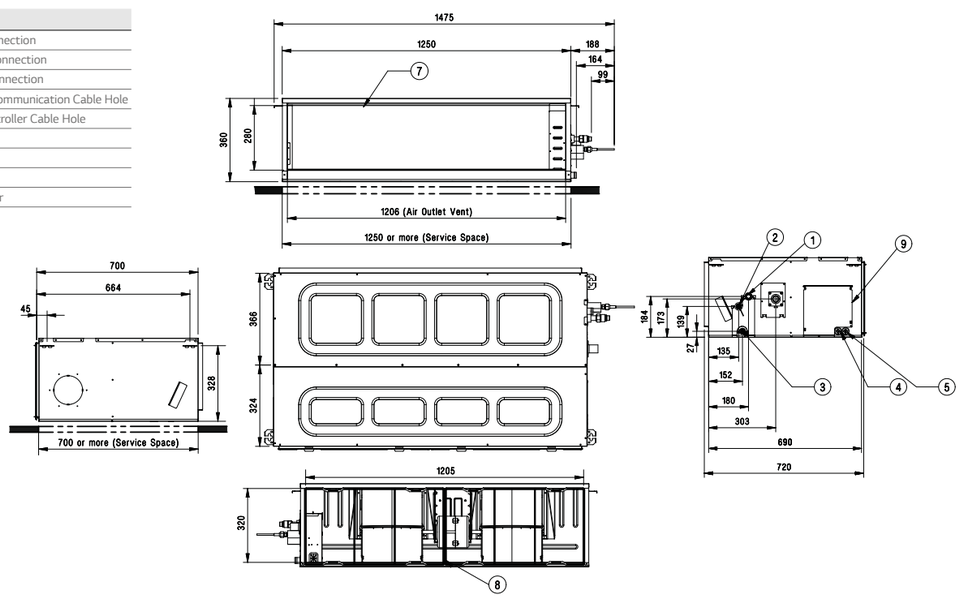
	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



UM48 N34 / UM60 N34

(Unit:mm)

	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

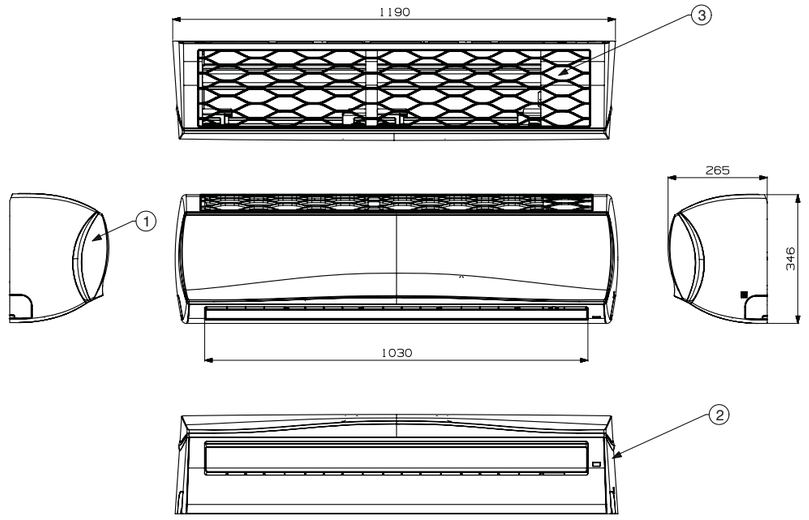


WALL MOUNTED

UJ30 NV2 / UJ36 NV2

(Unit:mm)

	Part Name
1	Front Panel
2	Display & Signal Receiver
3	Air Suction Grille
4	Installation Plate

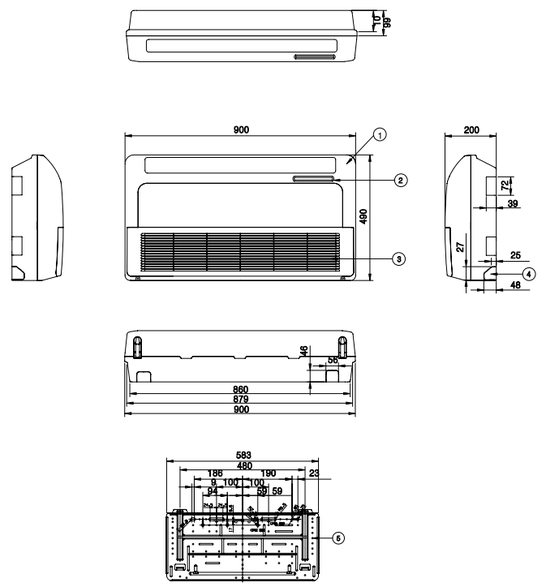


CEILING & FLOOR / CEILING SUSPENDED

CV09 NE2 / CV12 NE2

(Unit:mm)

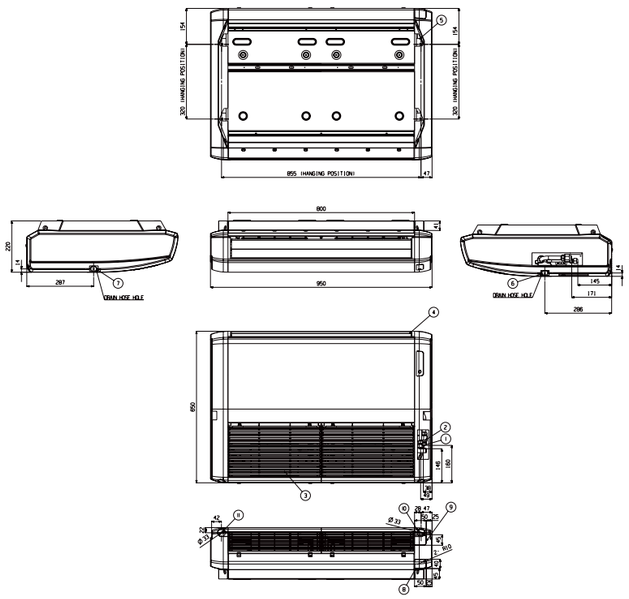
	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille
4	Knockout hole
5	Installation plate



CV18 NJ2 / CV24 NJ2 / UV30 NJ2 / UV12H NJ1 / UV18H NJ1

(Unit:mm)

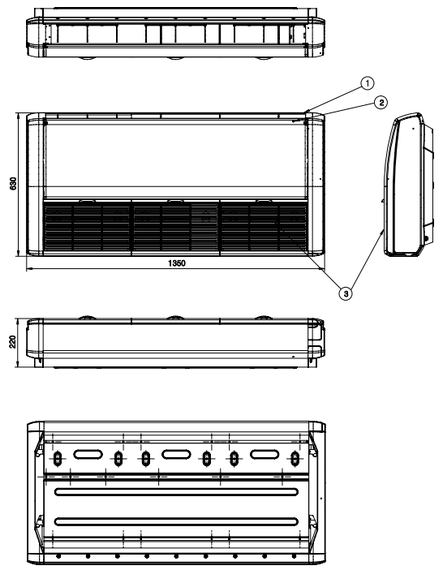
	Part Name
1	liquid pipe
2	Gas pipe
3	Suction gille
4	Discharge grille
5	Suspension bracket
6	Right side drain hose hole
7	Left side drain hose hole
8	Wiring connection
9	Piping connection
10	Right side drain pipe connection
11	Left side drain pipe connection



UV36 NK2 / UV21H NK1 / UV24H NK1

(Unit:mm)

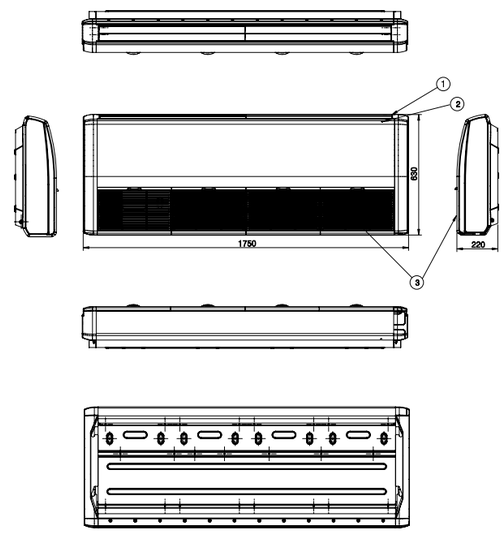
	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille



UV42 NL2 / UV48 NL2 / UV60 NL2 / UV36H NL4 / UV42H NL4 / UV48H NL4

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille

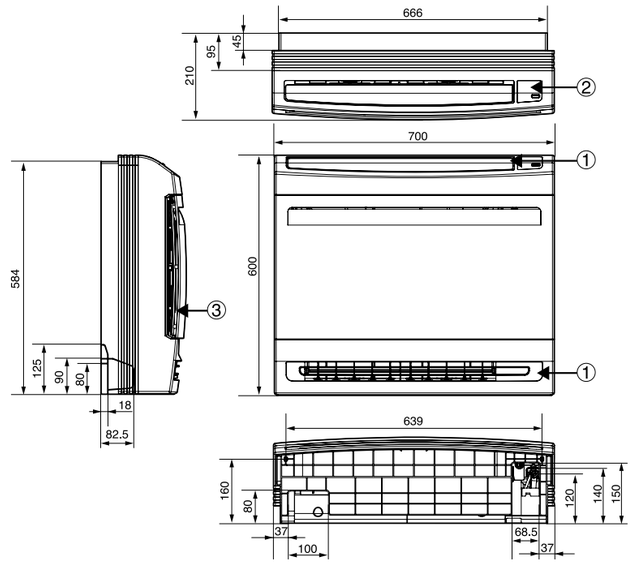


CONSOLE

CQ09 NA0 / CQ12 NA0 / CQ18 NA0

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille

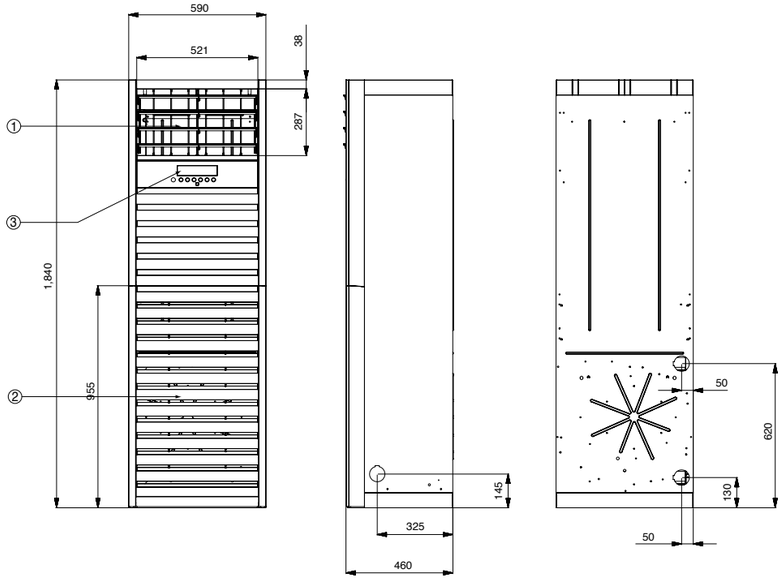


FLOOR STANDING

UP48 NT2

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille

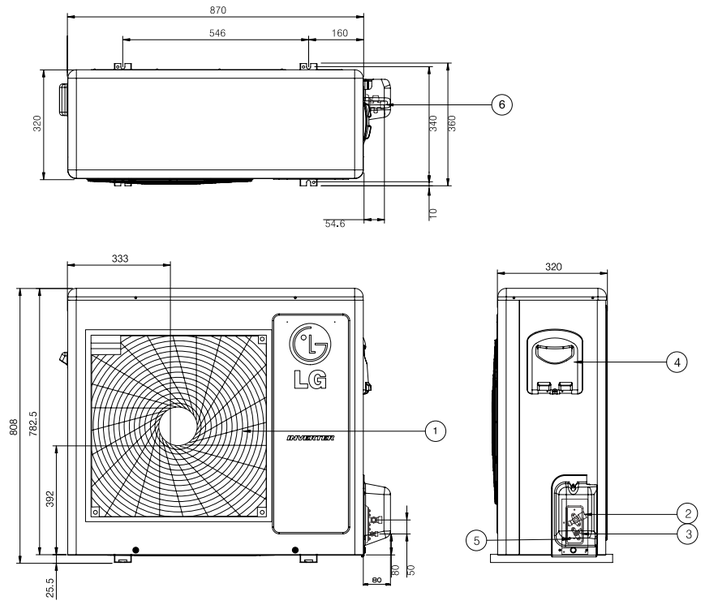


UNIVERSAL OUTDOOR

UU18WH UE1

(Unit:mm)

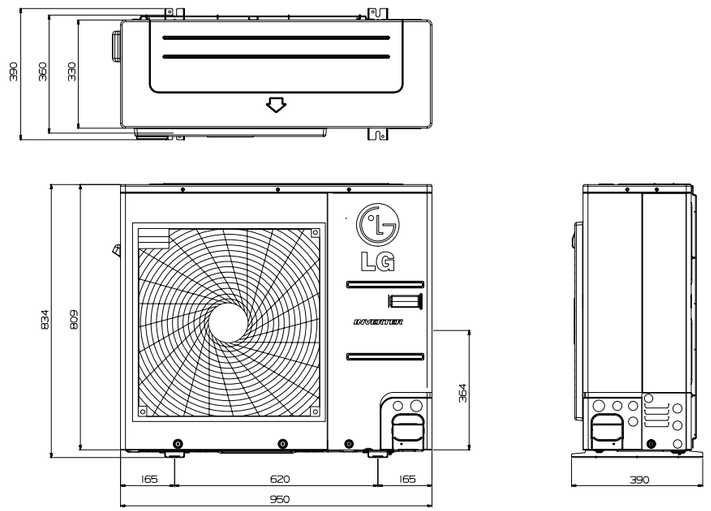
	Part Name
1	Front air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



UU21WH U41 / UU24WH U41 / UU24W U42 / UU30W U42

(Unit:mm)

	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw

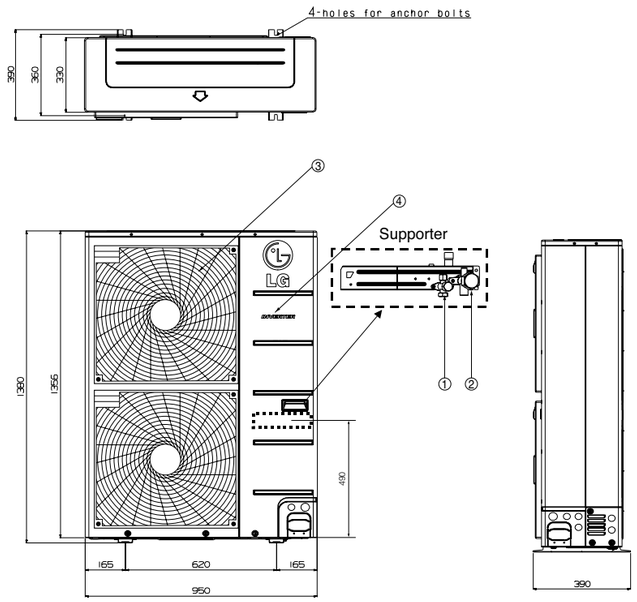


UNIVERSAL OUTDOOR

UU36WH U34 / UU42WH U34 / UU48WH U34 / UU37WH U33 / UU43WH U33 / UU49WH U33
UU42W U32 / UU48W U32 / UU60W U32 / UU43W U32 / UU49W U32 / UU61W U32

(Unit:mm)

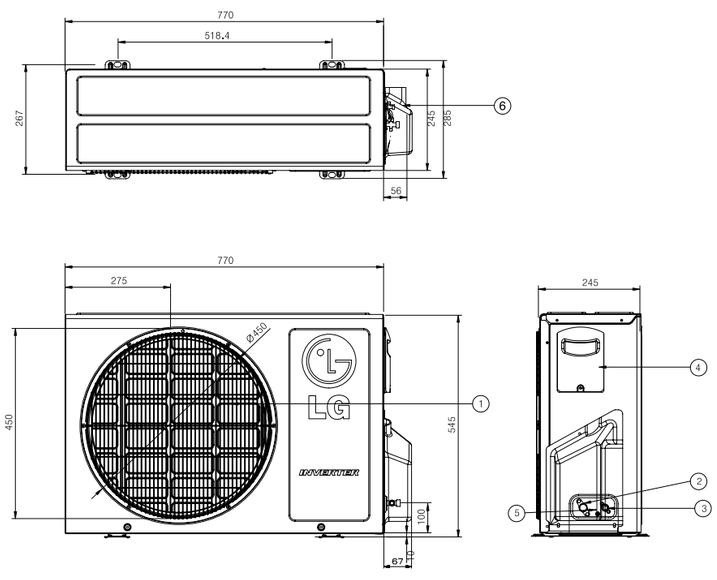
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection



UU09W ULD / UU12W ULD

(Unit:mm)

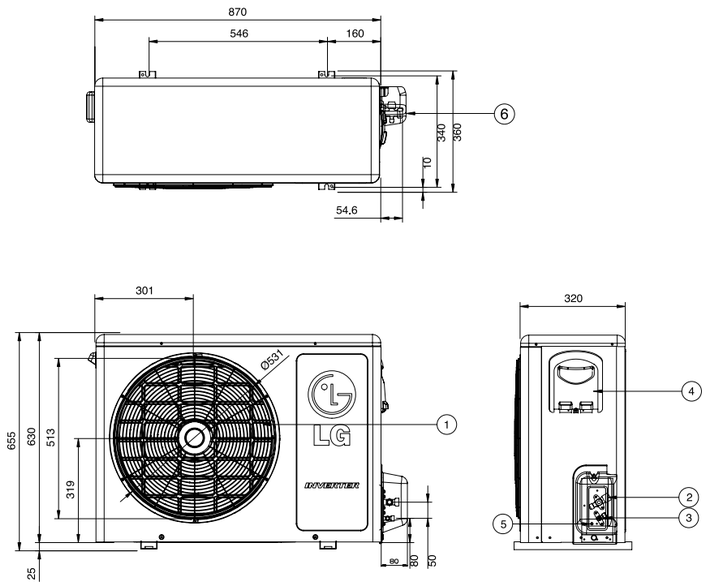
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



UU18W UE2 / UU12WH UE1

(Unit:mm)

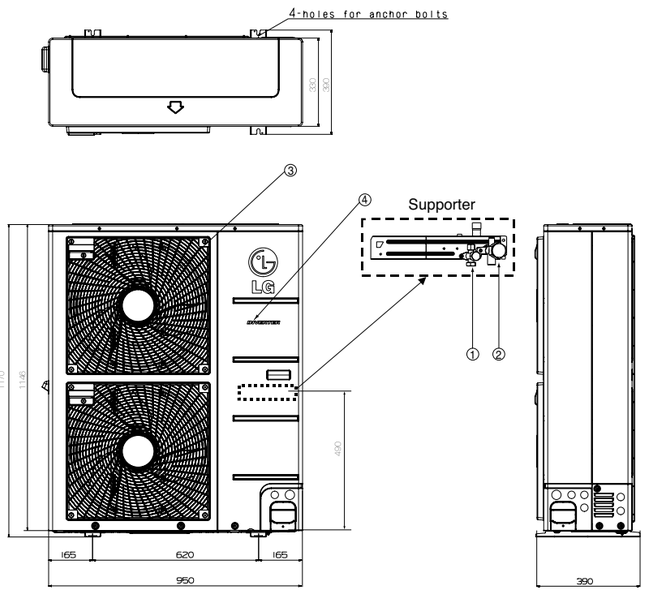
	Part Name
1	Front air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover



UU36W U02 / UU37W U02

(Unit:mm)

	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection



MULTI SPLIT

MULTI SPLIT

OUTDOOR UNITS / INDOOR UNITS LINE UP

Outdoor Units

kBtu	Type / kW	Multi Piping	Max. Indoor units	Phase	Combination Sample
14	4.1	MU2M15 UL2	2	1ø	
16	4.7	MU2M17 UL2	2	1ø	
18	5.3	MU3M19 UE2	3	1ø	
21	6.2	MU3M21 UE2	3	1ø	
14	7.0	MU4M25 U42	4	1ø	
16	7.9	MU4M27 U42	4	1ø	
18	8.8	MU5M30 U42	5	1ø	
21	11.7	MU5M40 UO2	5	1ø	

kBtu	Type / kW	DB Box Type	Max. Indoor units	Phase	Combination Sample
40	11.7	FM40AH UO2	7	1ø	
46	13.5	FM41AH U32	7	3ø	
53	15.5	FM48AH U32 FM49AH U32	8	1ø 3ø	
57	16.7	FM56AH U32 FM57AH U32	9	1ø 3ø	

LG MULTI systems offer various indoor units and outdoor units up to 16.7kW. More than 2,000 combinations are possible with 14 types of outdoor unit and 41 types of indoor unit

Indoor Units

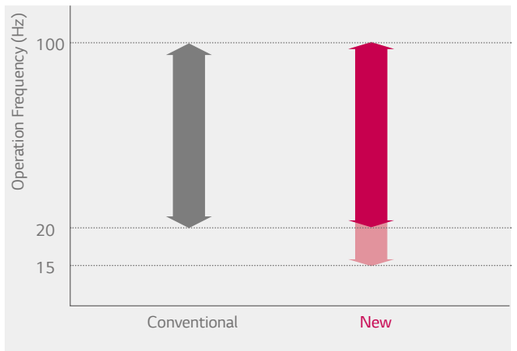
kBtu	Type / kW	Wall Mounted	Ceiling Cassettes	Ceiling Concealed Ducts		Ceiling & Floor / Ceiling Suspended	Console
				High Static	Low Static		
5	1.5	Standard MS05SQ NW0	MT06AH NR0				
7	2.1	Deluxe MS07AQ NB0 ART COOL Mirror MS07AW* NB0 Standard MS07SQ NW0	MT08AH NR0				
9	2.6	Deluxe MS09AQ NB0 ART COOL Mirror MS09AW* NB0 ART COOL Gallery MA09AH1 NF1 Standard MS09SQ NB0 ART COOL Pannel MA09AH* NF1	MT09AH NU1 CT09 NR2		CB09L N12	CV09 NE2	CQ09 NA0
12	3.5	Deluxe MS12AQ NB0 ART COOL Mirror MS12AW* NB0 ART COOL Gallery MA12AH1 NF1 Standard MS12SQ NB0 ART COOL Pannel MA12AH* NF1	MT11AH NU1 CT12 NR2		CB12L N22	CV12 NE2	CQ12 NA0
15	4.2	MS15SQ NB0					
18	5.3	Deluxe MS18AQ NC0 ART COOL Mirror MS18AW* NC0 Standard MS18SQ NC0	CT18 NQ2	CM18 N14	CB18L N22	CV18 NJ2	CQ18 NA0
24	7.0	Deluxe MS24AQ NC0 ART COOL Mirror MS24AW* NC0 Standard MS24SQ NC0	CT24 NP2	CM24 N14	CB24L N32	CV24 NJ2	

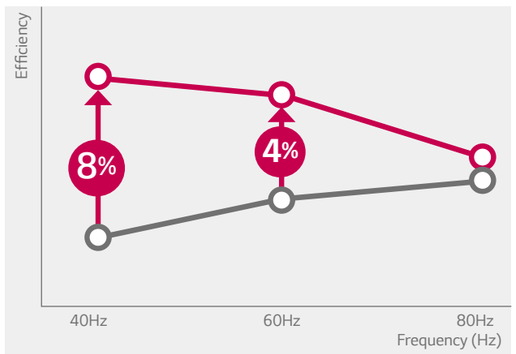
ART COOL Mirror Note : *indicates panel color_Mirror(R), Silver(V), White(W)
ART COOL Panel Note : *indicates panel color_Silver(V), Red(E), Gold(G), White Silver(H)

SUPREME ENERGY EFFICIENCY

BLDC (Brushless Direct Current motor) Compressor

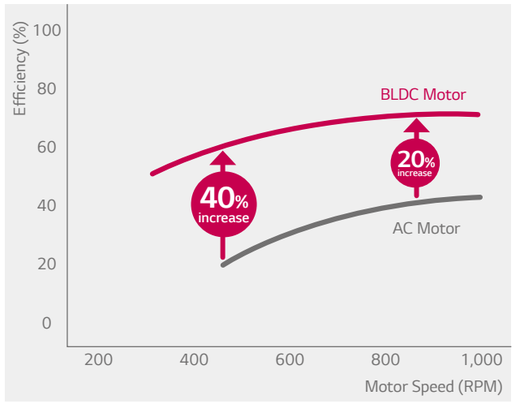
LG air conditioners are equipped with a BLDC compressor that uses a strong neodymium magnet. The compressor has improved efficiency compared to standard AC inverter products and it is optimised for seasonal efficiency.





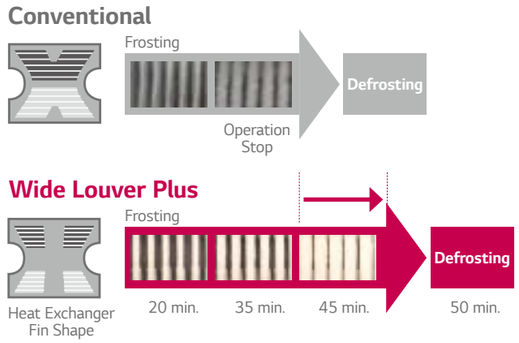
BLDC Fan Motor

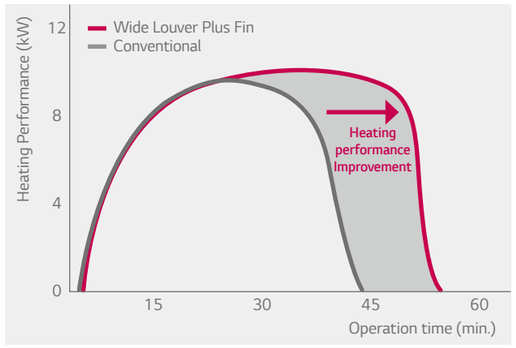
The BLDC Fan motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds.



Wide Louver Plus Fin

Wide Louver Plus fin technology increases 11% of full load heating performance and 6% of COP compared to conventional fin. It can slow down frosting of heat exchanger and postpone the start of defrosting operation.



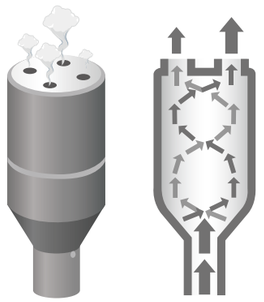


* Based on UU24W U42

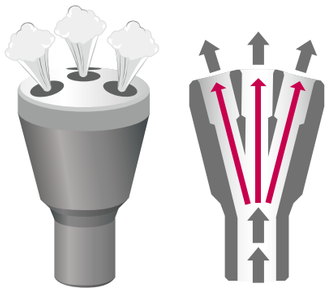
Optimised Heat Exchanger Path

Optimised heat exchanger path improved cycle efficiency up to 5%.

Conventional
Unequal distribution

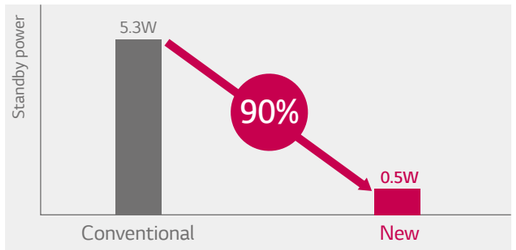


New
Equal distribution



Standby Mode

This function can minimise power consumption by turning power off on the PCB except for the MICOM which receives signals.

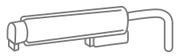


* Based on MU3M19 UE2

QUICK COOLING & HEATING

Quick Operating Response

Conventional



Temperature Sensor Only

Step 1

Sensing current temperature of refrigerent, indoor and outdoor temperature

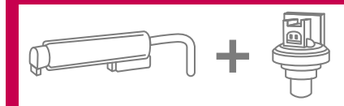
Step 2

Estimating Pressure

Finding recorded target pressure to operate compressor, based on the corresponding temperature data

This algorithm is more likely to be impacted by temperature change and it takes more time to calculate proper operation range of compressor to target point.

LG Inverter



Temperature Sensor Pressure Sensor

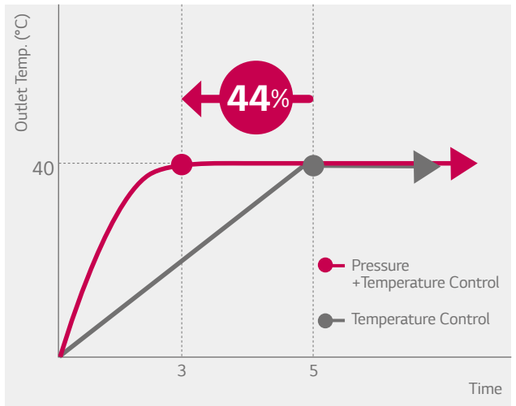
Step 1

Sensing refrigerent pressure and temperature simultaneously to make sure compressor ready for target cooling operation

This ensures to reach target performance point without failing to keep a reliable operation.

Pressure control takes less time to reach the desired temperature up to 30% in cooling and 44% in heating with high level of accuracy and stability.

Heating

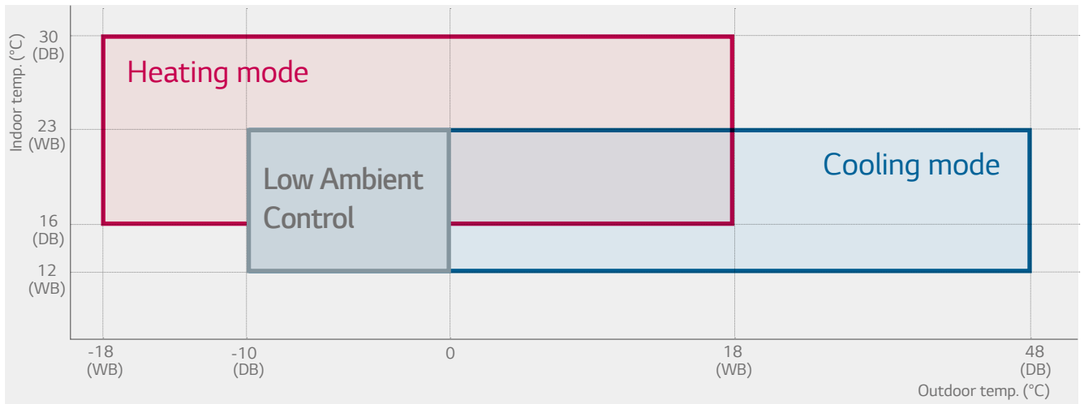


* Based on internal test data

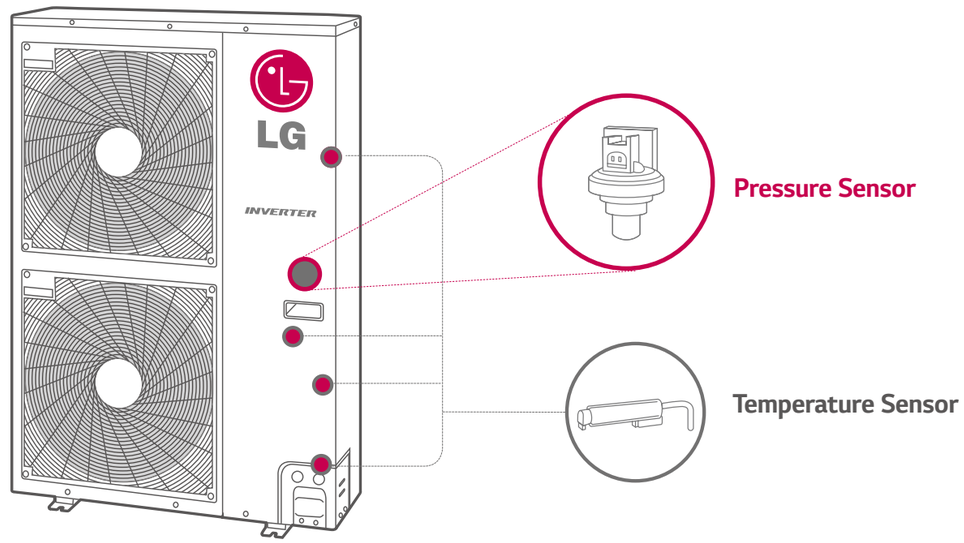
RELIABLE PERFORMANCE

Ideal Solution for Server Rooms

Ideal solution for server rooms, machine rooms and kitchens.



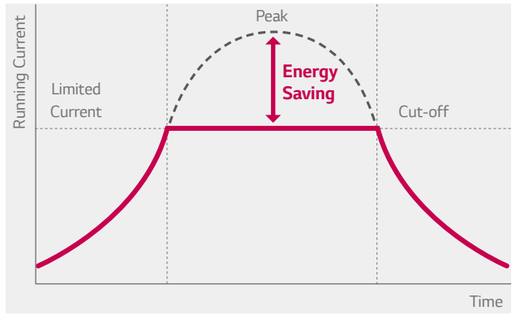
* MU2M15 UL2 / MU2M17 UL2 Cooling Range : ~46°C



SAVE COST & ENERGY

Peak Current Control

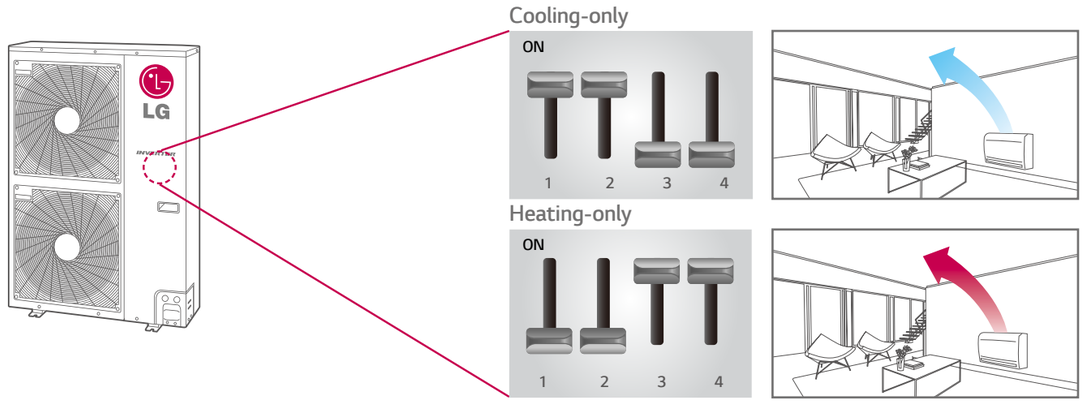
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption. This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



* Applied to all MULTI outdoors

Mode Lock

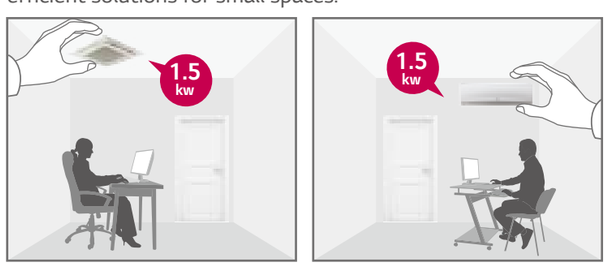
Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.



* Applied to all MULTI outdoors

Save Energy in Small Spaces

As building walls are becoming thicker due to regulations and insulation is being improved, LG can provide efficient solutions for small spaces.



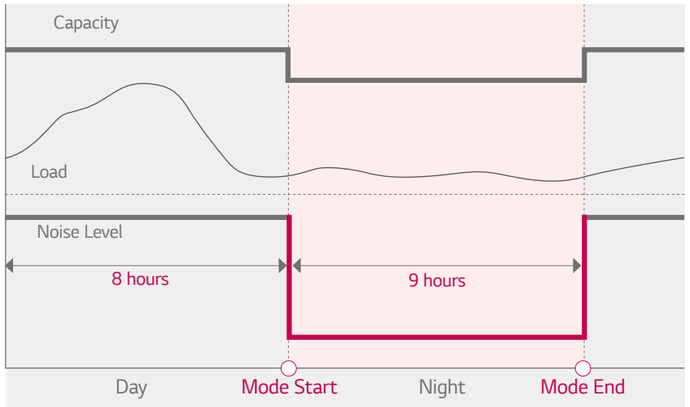
* 1.5kW : MS05SQ NW0 (Wall mounted) / MT06AH NR0 (4 Way cassette)

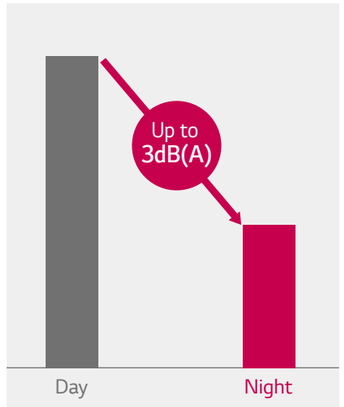
QUIET OPERATION

Night Silent Operation

Night silent operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.

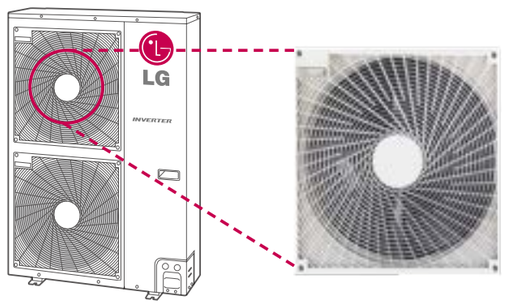
• **Cooling Mode**



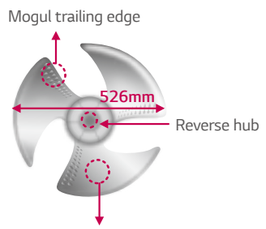


Improved Grille & Fan

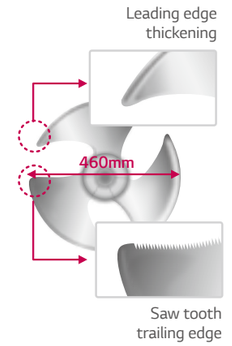
The new grille shape design on the outdoor unit helps to disperse air more efficiently which improves heat exchange and reduces noise level. The new axial fan has a thick front edge and smooth rear edge, this provides a high efficiency, low noise, wide fan, as well as improving the air flow rate.



Grille



Fan Type 1



Fan Type 2

FLEXIBLE COMBINATION

Long and High Elevation Piping

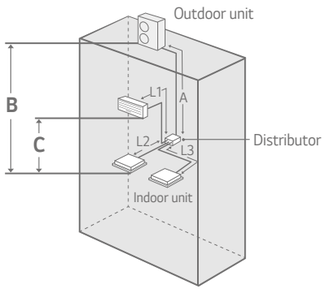
FM56AH supports piping lengths of up to 145m and elevations of up to 30m for more flexible in installations.

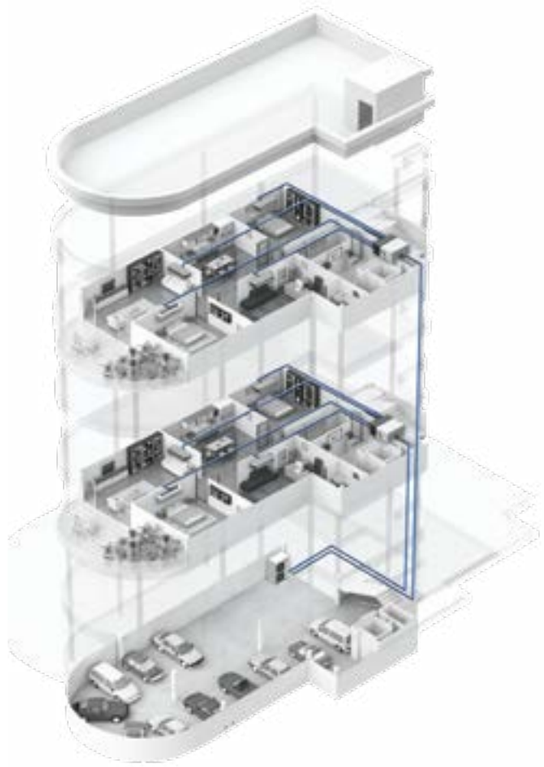
* Multiple Piping Type

(m)		MU2M15 MU2M17	MU3M19 MU3M21	MU4M25 MU4M27	MU5M30	MU5M40
Total Piping Length		30	50	70	75	85
Piping Length per Branch		20	25	25	25	25
Max. Elevation	Indoor-Outdoor	15	15	15	15	15
	Indoor-Indoor	7.5	7.5	7.5	7.5	7.5

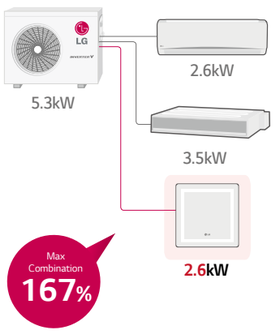
* Distribution Box Type

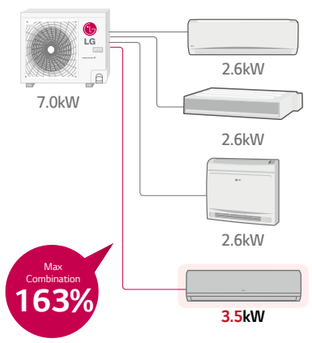
(m)		FM40AH	FM41AH	FM48AH FM49AH	FM56AH FM57AH
Total Pipe (A+L1+L2+L3)		100	125	135	145
Main Pipe (A)		50	55	55	55
Total Branch Pipe (L1+L2+L3)		50	70	80	90
Each Branch Pipe		15	15	15	15
Max.Elevation	Indoor-Outdoor (B)	30	30	30	30
	Indoor-Indoor (C)	15	15	15	15

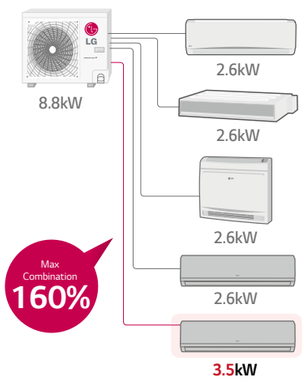




Indoor Capacity Combination







Various Combinations

14 Outdoor Units | Over 2000 Combinations | 41 Indoor Units

Compatible Indoor Units

A total of 17 indoor units are compatible between SCAC and MULTI, which is more efficient for warehouses and stock control.

- Cassettes : CT09 NR2, CT12 NR2, CT18 NQ2, CT24 NP2
- Ducts : CM18 N14 / CM24 N14, CB09L N12, CB12L N22, CB18L N22, CB24L N32
- Ceiling & Floor / Ceiling Suspended : CV09 NE2, CV12 NE2, CV18 NJ2, CV24 NJ2
- Console : CQ09 NA0, CQ12 NA0, CQ18 NA0

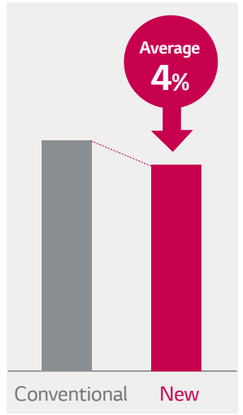
EASY INSTALLATION & MAINTENANCE

Compact Size & Lightweight

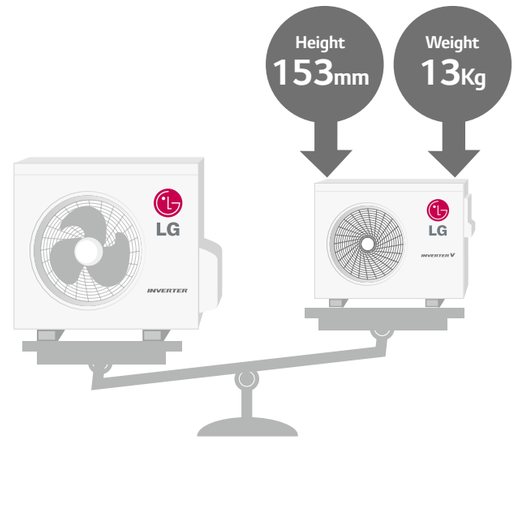
The MULTI F are more compact and lighter compared to previous models.
The reduction in weight makes it easier to carry and install.

Weight

Refrigerant



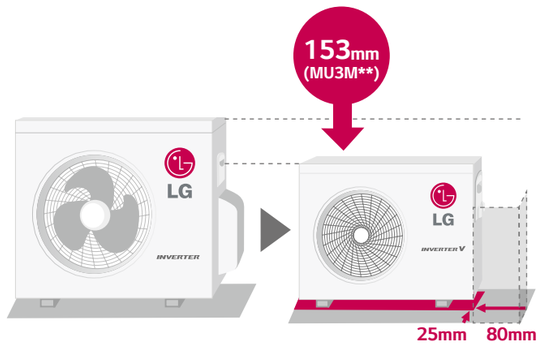
MU3M19 UE2 / MU3M21 UE2



Inner Support

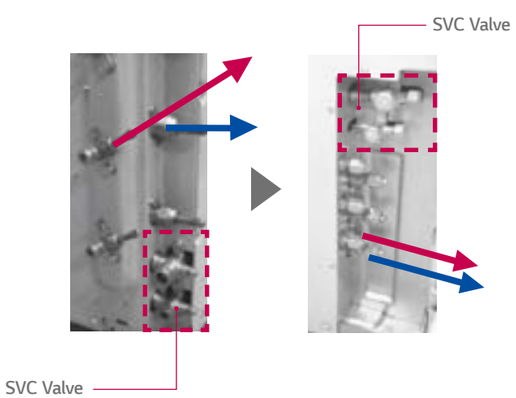
The Multi F has a better design so that the piping cover is enclosed and the size reduced by 80mm and 25mm at the side and back respectively. As a result it is possible to install the unit close to a wall. As well as the easily accessible service valve, it is possible to conveniently service the outdoor unit when installed below a window.

Support enclosed inside



• Applied Models
MU3M19 UE2 / MU3M21 UE2 / MU4M25 U42 / MU4M27 U42 / MU5M30 U42

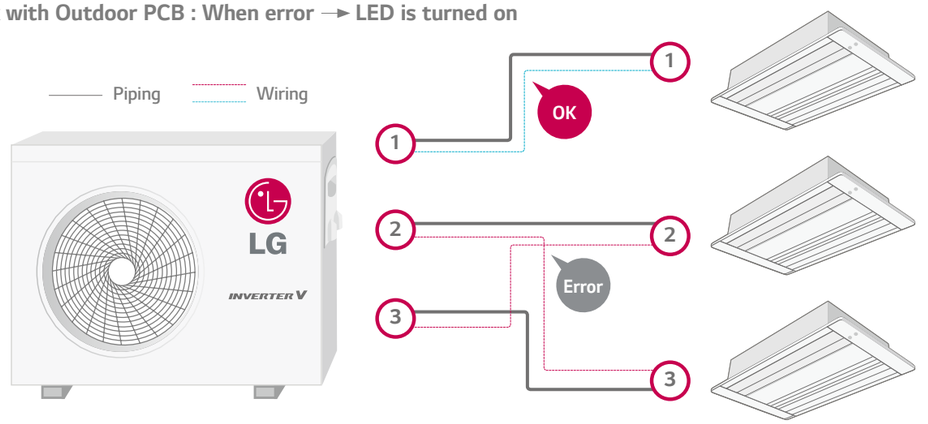
Main service valve raised / easy manipulation



Wiring Error Check

Installers can check whether the transmission cable has been connected correctly by using the wiring error check function. Previously when the transmission cable was wrongly connected, several checks and reinstallations were needed. However the wiring error check can reduce the time taken to check for transmission cable errors.

Check with Outdoor PCB : When error → LED is turned on



• Applied Models
MU2M15 UL2 / MU2M17 UL2 / MU3M19 UE2 / MU3M21 UE2 / MU4M25 U42 / MU4M27 U42 / MU5M30 U42

Easy to Access PCB

Users can easily access data by opening the control cover and checking the PCB on the side of the unit.

Easy to check PCB

• Top Cover • PCB Cover

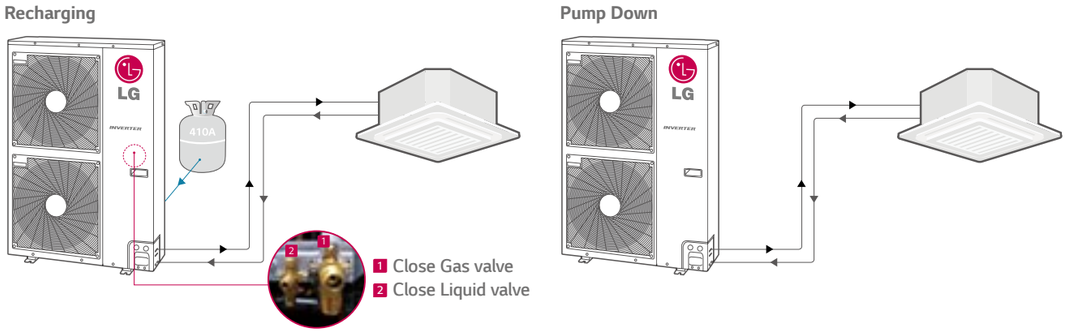
• Control Cover

• Applied Models
MU2M15 UL2 / MU2M17 UL2 / MU3M19 UE2 / MU3M21 UE2

EASY INSTALLATION & MAINTENANCE

Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature. More importantly this function can be used when indoor units are being moved or repaired.

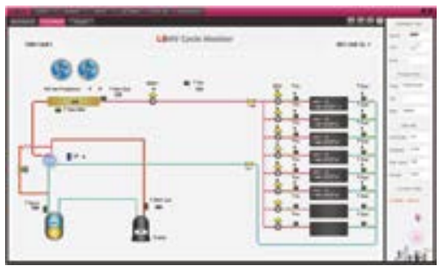


LG MV (Monitoring View)

LG MV helps engineers to inspect and monitor air conditioning units easily.
Information is provided by product type. (Single Split & Multi Split)

- IDU info.
- Cycle & valves
- Actuator info.
- Sensors & Electric
- ODU info.

LG MV provides cycle information with diagrams and the user can check accumulated data on a graph.



A technician can easily check the error status by looking at the indicator information. (Troubleshooting guide)

Error indicator

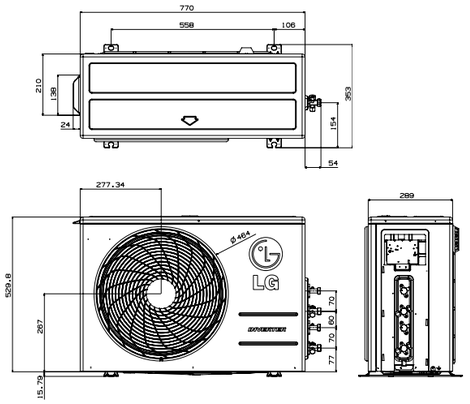
Error Code	Contents
01	Air temperature sensor of indoor unit
02	Inlet pipe temperature sensor of indoor unit
03	Communication error : wired remote controller ◀▶ indoor unit

OUTDOOR UNITS

OUTDOOR UNITS

MU2M15 / MU2M17

(Unit:mm)



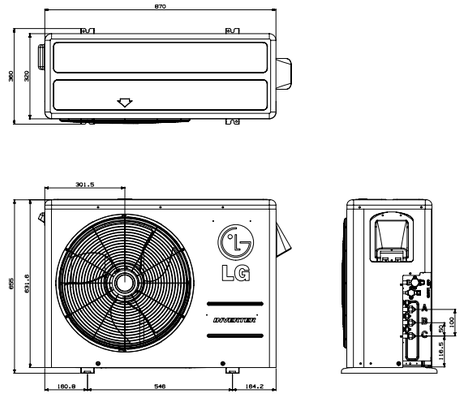
Outdoor Unit				MU2M15 UL2	MU2M17 UL2
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	0.9/4.1/5.4	0.9/4.7/5.4
	Heating	Min/Nom/Max	kW	1.0/4.7/5.7	1.0/5.3/5.7
Low Temperature Capacity	Heating -7°C	Max	kW	3.3	3.7
Power Input *	Cooling	Min/Nom/Max	kW	0.3/1.0/1.6	0.3/1.3/1.6
	Heating	Min/Nom/Max	kW	0.3/1.1/1.7	0.3/1.3/1.7
Running Current	Cooling	Min/Nom/Max	A	1.3/4.6/7.4	1.3/5.8/7.4
	Heating	Min/Nom/Max	A	1.3/4.9/7.5	1.3/5.8/7.5
EER				4.02	3.72
COP				4.34	4.12
SEER				6.10	6.10
SCOP				3.81	3.81
Pdesign (@-10°C)			kW	4.2	4.2
Seasonal Energy Label	Cooling/Heating			A++/A	A++/A
Annual Energy Consumption	Cooling/Heating		kWh	235/1,543	270/1,543
Airflow Rate		Nom	m^3/min	28.2	28.2
Sound Pressure	Cooling	Nom	dBA	49	49
	Heating	Nom	dBA	51	51
Sound Power	Cooling	Max	dBA	59	62
Dimensions	WxHxD		mm	770×545×288	770×545×288
Net Weight			kg	37.0	37.0
Refrigerant	Type			R410A	R410A
	Charge		g	1,400	1,400
	Additional Charge		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~46	-10~46
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3C×2.5	3C×2.5
Transmission Cable			No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	15	15
Piping Length Total			m	30	30
Piping Length per Branch		Max	m	20	20
Piping Elevation Difference	IDU-ODU	Max	m	15	15
	IDU-IDU	Max	m	7.5	7.5
Piping Connection	Liquid		mm(inch)×No.	ø 6.35 (1/4)x2	ø 6.35 (1/4)x2
	Gas		mm(inch)×No.	ø 9.52 (3/8)x2	ø 9.52 (3/8)x2

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 - Interconnecting 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%.

OUTDOOR UNITS

MU3M19 / MU3M21

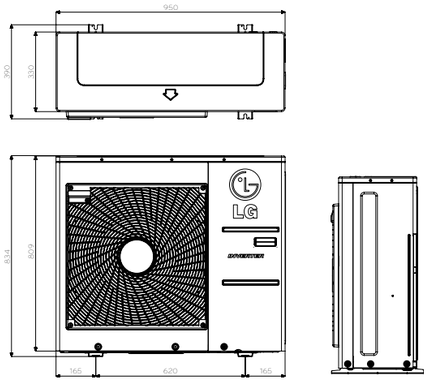
(Unit:mm)



Outdoor Unit				MU3M19 UE2	MU3M21 UE2
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	1.4/5.3/6.3	1.4/6.2/7.3
	Heating	Min/Nom/Max	kW	1.4/6.3/7.3	1.5/7.0/7.8
Low Temperature Capacity	Heating -7°C	Max	kW	4.4	4.9
Power Input *	Cooling	Min/Nom/Max	kW	0.1/1.3/2.1	0.1/1.6/2.4
	Heating	Min/Nom/Max	kW	0.2/1.5/2.6	0.2/1.7/2.7
Running Current	Cooling	Min/Nom/Max	A	0.6/6.0/9.0	0.6/6.6/10.3
	Heating	Min/Nom/Max	A	0.8/7.0/11.5	0.9/7.4/11.8
EER				4.10	3.90
COP				4.10	4.11
SEER				6.10	6.10
SCOP				3.90	3.90
Pdesign (@-10°C)			kW	5.1	5.5
Seasonal Energy Label	Cooling/Heating			A++/A	A++/A
Annual Energy Consumption	Cooling/Heating		kWh	304/1,831	356/1,974
Airflow Rate		Nom	m^3/min	50	50
Sound Pressure	Cooling	Nom	dBA	50	51
	Heating	Nom	dBA	52	53
Sound Power	Cooling	Max	dBA	64	64
Dimensions	WxHxD		mm	870×655×320	870×655×320
Net Weight			kg	45.0	45.0
Refrigerant	Type			R410A	R410A
	Charge		g	1,700	1,800
	Additional Charge		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3C×2.5	3C×2.5
Transmission Cable			No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	20	20
Piping Length Total			m	50	50
Piping Length per Branch		Max	m	25	25
Piping Elevation Difference	IDU-ODU	Max	m	15	15
	IDU-IDU	Max	m	7.5	7.5
Piping Connection	Liquid		mm(inch)×No.	ø 6.35 (1/4)x3	ø 6.35 (1/4)x3
	Gas		mm(inch)×No.	ø 9.52 (3/8)x3	ø 9.52 (3/8)x3

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 - Interconnecting 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%.

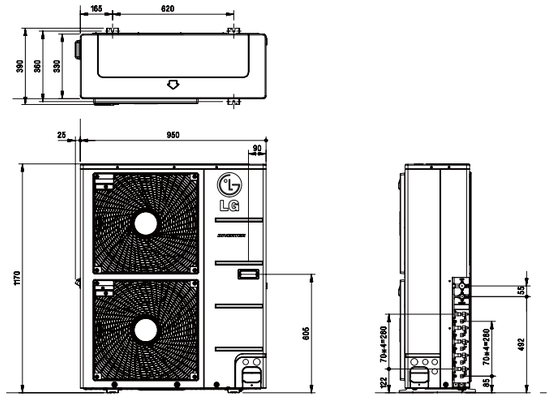
(Unit:mm)



Outdoor Unit				MU4M25 U42	MU4M27 U42	MU5M30 U42
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	1.3/7.0/8.5	1.3/7.9/9.5	1.3/8.8/10.6
	Heating	Min/Nom/Max	kW	1.5/8.4/9.4	1.5/9.1/10.6	1.5/10.1/12.1
Low Temperature Capacity	Heating -7°C	Max	kW	5.9	6.4	7.1
Power Input *	Cooling	Min/Nom/Max	kW	0.4/1.7/2.6	0.4/2.0/3.0	0.4/2.2/3.4
	Heating	Min/Nom/Max	kW	0.5/1.8/3.0	0.5/2.0/3.6	0.5/2.2/3.7
Running Current	Cooling	Min/Nom/Max	A	2.0/7.2/11.1	2.0/8.5/13.2	2.0/9.9/16.2
	Heating	Min/Nom/Max	A	2.2/8.1/12.8	2.2/9.1/15.8	2.2/9.8/16.5
EER				4.21	4.00	4.00
COP				4.69	4.52	4.60
SEER				6.10	6.10	6.10
SCOP				3.81	3.81	3.81
Pdesign (@-10°C)			kW	7.7	7.7	7.8
Seasonal Energy Label	Cooling/Heating			A++/A	A++/A	A++/A
Annual Energy Consumption	Cooling/Heating		kWh	402/2,829	453/2,829	505/2,866
Airflow Rate		Nom	m^3/min	60	60	60
Sound Pressure	Cooling	Nom	dBA	51	51	51
	Heating	Nom	dBA	53	53	53
Sound Power	Cooling	Max	dBA	62	63	64
Dimensions	WxHxD		mm	950×834×330	950×834×330	950×834×330
Net Weight			kg	64.0	64.0	64.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,200	3,200	3,200
	Additional Charge		g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3C×2.5	3C×2.5	3C×2.5
Transmission Cable			No.xmm²	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker			A	25	25	25
Piping Length Total			m	70	70	75
Piping Length per Branch		Max	m	25	25	25
Piping Elevation Difference	IDU-ODU	Max	m	15	15	15
	IDU-IDU	Max	m	7.5	7.5	7.5
Piping Connection	Liquid		mm(inch)×No.	ø 6.35 (1/4)x4	ø 6.35 (1/4)x4	ø 6.35 (1/4)x5
	Gas		mm(inch)×No.	ø 9.52 (3/8)x4	ø 9.52 (3/8)x4	ø 9.52 (3/8)x5

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 - Interconnecting 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%.

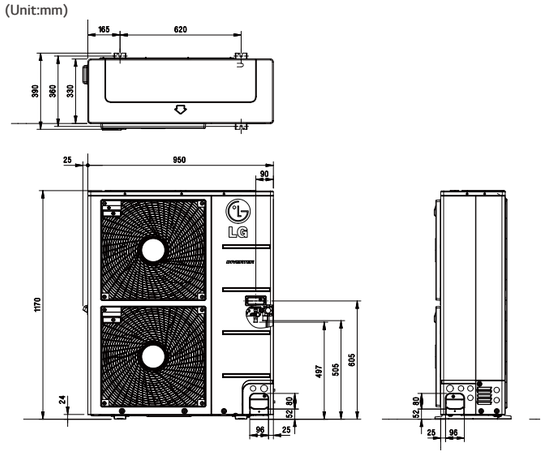
(Unit:mm)



Outdoor Unit				MU5M40 UO2
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	0.9/11.2/13.5
	Heating	Min/Nom/Max	kW	1.0/12.5/15.0
Low Temperature Capacity	Heating -7°C	Max	kW	8.8
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.7/4.2
	Heating	Min/Nom/Max	kW	0.8/2.8/4.5
Running Current	Cooling	Min/Nom/Max	A	3.5/12.1/18.4
	Heating	Min/Nom/Max	A	3.6/12.5/19.7
EER				4.10
COP				4.45
SEER				5.80
SCOP				3.81
Pdesign (@-10°C)			kW	11.8
Seasonal Energy Label	Cooling/Heating			A+/A
Annual Energy Consumption	Cooling/Heating		kWh	676/4,336
Airflow Rate		Nom	m^3/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	WxHxD		mm	950×1,170×330
Net Weight			kg	84.0
Refrigerant	Type			R410A
	Charge		g	3,800
	Additional Charge		g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48
	Heating	Min~Max	°C WB	-18~18
Power Supply			ø/V/Hz	1/220-240/50
Power Supply Cable			No.xmm²	3C×3.5
Transmission Cable			No.xmm²	4C×0.75
Circuit Breaker			A	30
Piping Length Total			m	85
Piping Length per Branch		Max	m	25
Piping Elevation Difference	IDU-ODU	Max	m	15
	IDU-IDU	Max	m	7.5
Piping Connection	Liquid		mm(inch)×No.	ø 6.35 (1/4)×5
	Gas		mm(inch)×No.	ø 9.52 (3/8)×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 - Interconnecting 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%.

(Unit:mm)

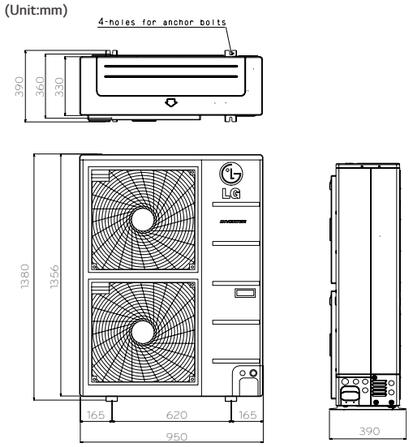


Outdoor Unit				FM40AH UO2
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	2.8/11.2/13.5
	Heating	Min/Nom/Max	kW	3.1/12.5/15.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.0
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.7/4.2
	Heating	Min/Nom/Max	kW	0.8/2.8/4.5
Running Current	Cooling	Min/Nom/Max	A	3.5/12.1/18.4
	Heating	Min/Nom/Max	A	3.6/12.5/19.7
EER				4.10
COP				4.45
SEER				5.60
SCOP				3.81
Pdesign (@-10°C)			kW	11.8
Seasonal Energy Label	Cooling/Heating			A+/A
Annual Energy Consumption	Cooling/Heating		kWh	700/4,336
Airflow Rate		Nom	m^3/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	WxHxD		mm	950×1,170×330
Net Weight			kg	82.0
Refrigerant	Type			R410A
	Charge		g	3,800
	Additional Charge		g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48
	Heating	Min~Max	°C WB	-18~18
Power Supply			ø/V/Hz	1/220-240/50
Power Supply Cable			No.xmm²	3Cx3.5
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75
Circuit Breaker			A	30
Max Piping Length	Total Piping(Main+Total Branch)		m	100
	Main Piping		m	50
	Total Branch Piping		m	50
	Each Branch Piping		m	15
Piping Elevation Difference	IDU-ODU	Max	m	30
	IDU-IDU	Max	m	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)

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 - Interconnecting 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%.

(Unit:mm)



Outdoor Unit				FM48AH U32	FM56AH U32
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	3.3/14.0/17.0	4.0/15.5/18.5
	Heating	Min/Nom/Max	kW	3.7/16.0/17.3	4.5/17.4/18.8
Low Temperature Capacity	Heating -7°C	Max	kW	14.8	16.1
Power Input *	Cooling	Min/Nom/Max	kW	0.8/3.2/5.1	1.0/3.9/5.9
	Heating	Min/Nom/Max	kW	1.3/3.7/5.2	1.5/4.2/6.2
Running Current	Cooling	Min/Nom/Max	A	3.9/13.2/22.3	4.6/16.1/25.7
	Heating	Min/Nom/Max	A	6.9/15.6/22.7	7.4/16.8/27.2
EER				4.41	4.01
COP				4.37	4.18
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Airflow Rate		Nom	m^3/min	120	120
Sound Pressure	Cooling	Nom	dBA	54	54
	Heating	Nom	dBA	56	56
Sound Power	Cooling	Max	dBA	68	69
Dimensions	WxHxD		mm	950×1,380×330	950×1,380×330
Net Weight			kg	96.0	96.0
Refrigerant	Type			R410A	R410A
	Charge		g	4,400	4,400
	Additional Charge		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx4.0	3Cx4.0
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	40	40
Max 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
Piping Elevation Difference	IDU-ODU	Max	m	30	30
	IDU-IDU	Max	m	15	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)	ø 19.05 (3/4)

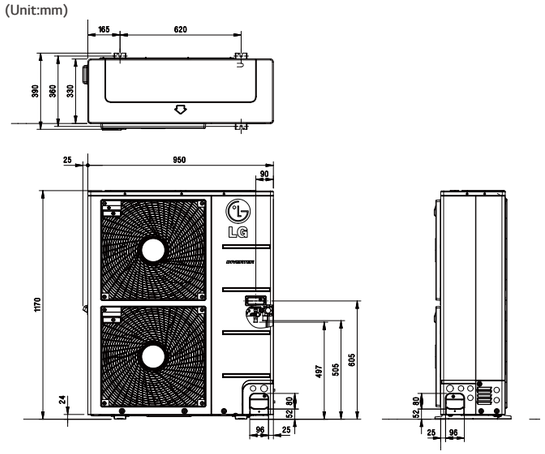
Notes : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB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

OUTDOOR UNITS

FM40AH

(Unit:mm)



Outdoor Unit				FM40AH UO2
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	2.8/11.2/13.5
	Heating	Min/Nom/Max	kW	3.1/12.5/15.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.0
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.7/4.2
	Heating	Min/Nom/Max	kW	0.8/2.8/4.5
Running Current	Cooling	Min/Nom/Max	A	3.5/12.1/18.4
	Heating	Min/Nom/Max	A	3.6/12.5/19.7
EER				4.10
COP				4.45
SEER				5.60
SCOP				3.81
Pdesign (@-10°C)			kW	11.8
Seasonal Energy Label	Cooling/Heating			A+/A
Annual Energy Consumption	Cooling/Heating		kWh	700/4,336
Airflow Rate		Nom	m^3/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	WxHxD		mm	950×1,170×330
Net Weight			kg	82.0
Refrigerant	Type			R410A
	Charge		g	3,800
	Additional Charge		g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48
	Heating	Min~Max	°C WB	-18~18
Power Supply			ø/V/Hz	1/220-240/50
Power Supply Cable			No.xmm²	3Cx3.5
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75
Circuit Breaker			A	30
Max Piping Length	Total Piping(Main+Total Branch)		m	100
	Main Piping		m	50
	Total Branch Piping		m	50
	Each Branch Piping		m	15
Piping Elevation Difference	IDU-ODU	Max	m	30
	IDU-IDU	Max	m	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)

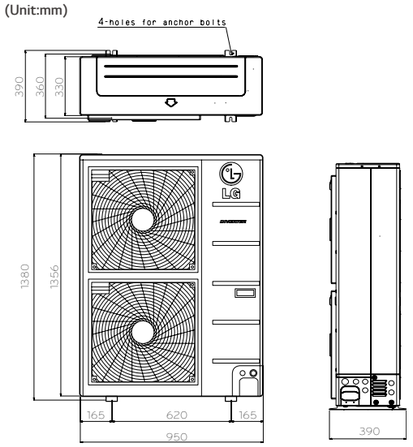
Notes : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB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

OUTDOOR UNITS

FM48AH / FM56AH

(Unit:mm)



Outdoor Unit				FM48AH U32	FM56AH U32
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	3.3/14.0/17.0	4.0/15.5/18.5
	Heating	Min/Nom/Max	kW	3.7/16.0/17.3	4.5/17.4/18.8
Low Temperature Capacity	Heating -7°C	Max	kW	14.8	16.1
Power Input *	Cooling	Min/Nom/Max	kW	0.8/3.2/5.1	1.0/3.9/5.9
	Heating	Min/Nom/Max	kW	1.3/3.7/5.2	1.5/4.2/6.2
Running Current	Cooling	Min/Nom/Max	A	3.9/13.2/22.3	4.6/16.1/25.7
	Heating	Min/Nom/Max	A	6.9/15.6/22.7	7.4/16.8/27.2
EER				4.41	4.01
COP				4.37	4.18
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Airflow Rate		Nom	m^3/min	120	120
Sound Pressure	Cooling	Nom	dBA	54	54
	Heating	Nom	dBA	56	56
Sound Power	Cooling	Max	dBA	68	69
Dimensions	WxHxD		mm	950×1,380×330	950×1,380×330
Net Weight			kg	96.0	96.0
Refrigerant	Type			R410A	R410A
	Charge		g	4,400	4,400
	Additional Charge		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx4.0	3Cx4.0
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	40	40
Max 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
Piping Elevation Difference	IDU-ODU	Max	m	30	30
	IDU-IDU	Max	m	15	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)	ø 19.05 (3/4)

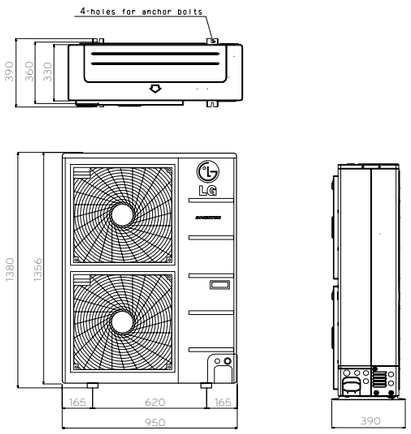
Notes : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB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

3Phase

FM41AH

(Unit:mm)



Outdoor Unit				FM41AH U32
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	2.8/12.1/14.1
	Heating	Min/Nom/Max	kW	3.2/12.5/15.2
Low Temperature Capacity	Heating -7°C	Max	kW	11.1
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.4/3.8
	Heating	Min/Nom/Max	kW	0.9/2.5/4.7
Running Current	Cooling	Min/Nom/Max	A	1.5/3.3/5.7
	Heating	Min/Nom/Max	A	1.7/3.3/6.9
EER				4.68
COP				4.92
SEER				-
SCOP				-
Pdesign (@-10°C)			kW	-
Seasonal Energy Label	Cooling/Heating			-
Annual Energy Consumption	Cooling/Heating		kWh	-
Airflow Rate		Nom	m^3/min	120
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	WxHxD		mm	950×1,380×330
Net Weight			kg	96.0
Refrigerant	Type			R410A
	Charge		g	4,400
	Additional Charge		g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48
	Heating	Min~Max	°C WB	-18~18
Power Supply			ø/V/Hz	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75
Circuit Breaker			A	20
Max Piping Length	Total Piping(Main+Total Branch)		m	125
	Main Piping		m	55
	Total Branch Piping		m	70
	Each Branch Piping		m	15
Piping Elevation Difference	IDU-ODU	Max	m	30
	IDU-IDU	Max	m	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)

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 - Interconnecting Piping Length 7.5m
- Level Difference of Zero.

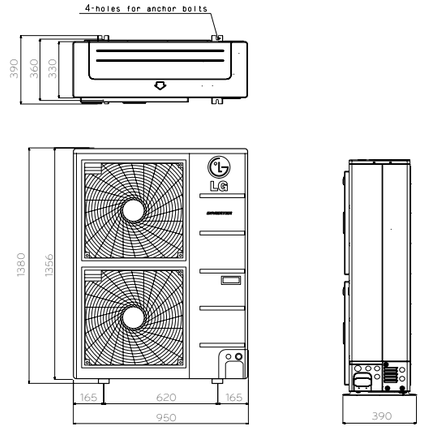
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.

OUTDOOR UNITS

3Phase

FM49AH / FM57AH

(Unit:mm)



Outdoor Unit				FM49AH U32	FM57AH U32
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	3.3/14.0/17.0	4.0/15.5/18.5
	Heating	Min/Nom/Max	kW	3.7/16.0/17.3	4.5/17.4/18.8
Low Temperature Capacity	Heating -7°C	Max	kW	13.6	15.2
Power Input *	Cooling	Min/Nom/Max	kW	0.8/3.2/5.1	1.0/3.9/5.9
	Heating	Min/Nom/Max	kW	1.3/3.7/5.2	1.5/4.2/6.2
Running Current	Cooling	Min/Nom/Max	A	1.8/4.4/7.3	2.3/5.4/8.4
	Heating	Min/Nom/Max	A	2.1/5.1/7.5	2.5/5.5/9.0
EER				4.41	4.01
COP				4.37	4.18
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Airflow Rate		Nom	m^3/min	120	120
Sound Pressure	Cooling	Nom	dBA	54	54
	Heating	Nom	dBA	56	56
Sound Power	Cooling	Max	dBA	68	69
Dimensions	WxHxD		mm	950×1,380×330	950×1,380×330
Net Weight			kg	96.0	96.0
Refrigerant	Type			R410A	R410A
	Charge		g	4,400	4,400
	Additional Charge		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48	-10~48
	Heating	Min~Max	°C WB	-18~18	-18~18
Power Supply			ø/V/Hz	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5Cx2.5
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	20	20
Max 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
Piping Elevation Difference	IDU-ODU	Max	m	30	30
	IDU-IDU	Max	m	15	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)	ø 19.05 (3/4)

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 - Interconnecting 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%.

INDOOR UNITS

WALL MOUNTED ARTCOOL (GALLERY/PANEL/MIRROR)

Aesthetic Design

You no longer need to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Gallery, you can change the look of your air conditioner to whatever you want, whenever you want. The ARTCOOL series have outstanding designs and have been awarded the International Forum Design Award, the Reddot Design Award and the G Mark.

Panel type

Silver

Gold

Red

White Silver

How to change the picture

ARTCOOL Mirror

Mirror
MS07/09/12/18/24AWR

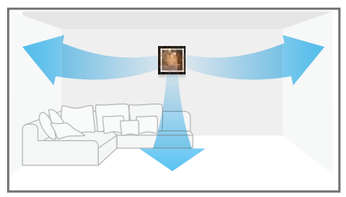
Silver
MS07/09/12/18/24AWV

White
MS07/09/12/18/24AWW

Digital Air Flow Control

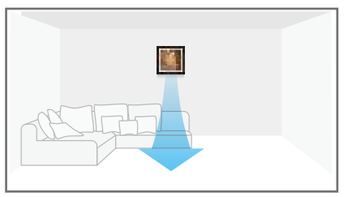
The air flow can be controlled to ensure maximum comfort and convenience.

Normal



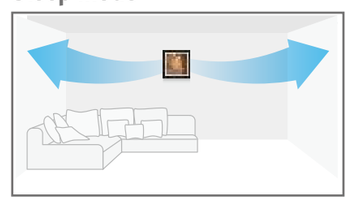
Fast, wide and even

Jet cool



Speedy and powerful

Sleep mode



Indirect and discreet

WALL MOUNTED
DELUXE & STANDARD

Filtering (Virus & Allergy Safe Filter)

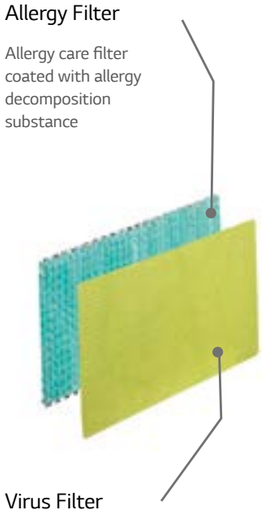
The virus and allergy safe filters are scientifically proven to deactivate viruses that may pose risks to health.

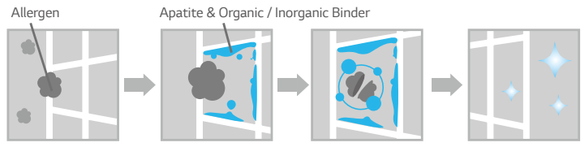
Virus Deactivation

The LG virus & allergy safe filter blocks neuramidase and hemagglutinin, which is activated when the virus breaks up from host cell to proliferate.

Allergy Filter

Allergy care filter coated with allergy decomposition substance





Step 1
Allergen is captured by filter

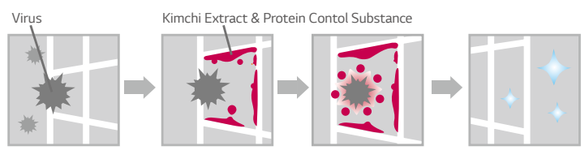
Step 2
The apatite and organic / inorganic binder surrounds the allergen

Step 3
Purified air

Certified by British Allergy Foundation (2009.01)

Virus Filter

Sterilising filter with anti-virus coating



Step 1
Virus is captured by filter

Step 2
Virus membrane is destroyed by agent composed of kimchi extract

Step 3
Purified air

Certified by Kitasato Institute

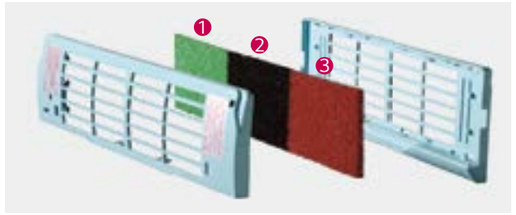
Artcool

Deluxe

Standard
(Allergy Safe Filter Only)

Deodorising (Triple Filter)

The triple filter consists of three special filters that can reduce the side effects caused by some organic compounds including formaldehyde. It has the ability to remove unpleasant odours and can create a more comfortable environment.

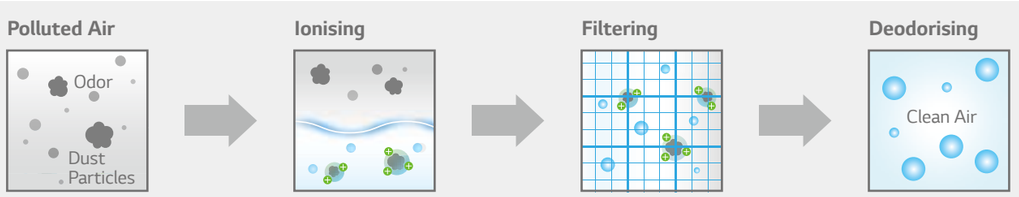


- Red filter removes smells such as smoke and food smells.
- Black filter removes the odour of new buildings such as formaldehyde.
- Blue filter removes the chemical smells such as the smell of fresh paint.

1. VOC filter removes odour and hazardous VOCs that are discharged from household materials made out of chemical substances (carpet, paint, cleaners, furniture, etc.) (VOC= Volatile Organic Chemical)
2. Formaldehyde filter removes formaldehyde, a leading cause of sick building syndrome, and can prevent dermatitis, vomiting, and
3. pneumonia
   Common odour filter removes ordinary odours that can cause migraines and chronic fatigue syndrome

Eliminating (Plasma Filter)

The plasma air purifying system, first developed by LG, reduces the presence of microscopic contaminants that cause allergies and asthma, such as dust particles, mites and pet fur.



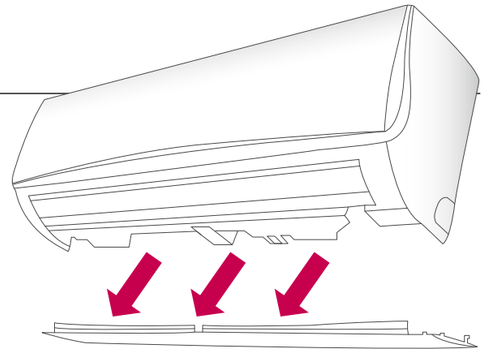
Auto Cleaning

A major cause of air conditioner odours is mould and bacteria that can breed in the heat exchanger. The auto clean function dries the wet heat exchanger to prevent mould and bacteria from breeding which can significantly reduce smells and saves the user from frequent cleaning.

WALL MOUNTED
DELUXE & STANDARD

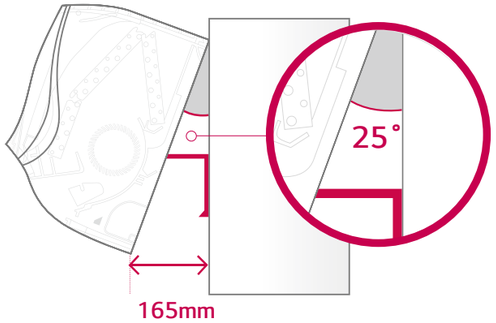
Detachable Bottom Cover

Along with Detachable Bottom Cover,
it is unnecessary to disassemble units or additionally support units thanks to the detachable chassis and support. With LG's patented support, the installation can be completed by only one individual.



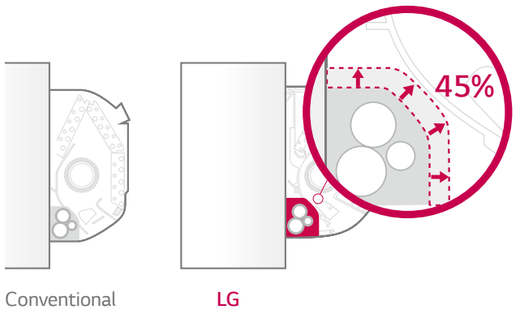
Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.



Wider Tubing Space

The tubing space is up to 45% wider than previous models for easier installation.The tubing space is wider than many products currently on the market.



Various Indoor Units

Capacity (kW)	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Wall Mounted Standard	MS05SQ NW0	MS07SQ NW0	MS09SQ NB0	MS12SQ NB0	MS15SQ NB0	MS18SQ NC0	MS24SQ NC0
Wall Mounted Deluxe		MS07AQ NB0	MS09AQ NB0	MS12AQ NB0		MS18AQ NC0	MS24AQ NC0
ART COOL Mirror		MS07AW* NB0	MS09AW* NB0	MS12AW* NB0		MS18AW* NC0	MS24AW* NC0
ART COOL Gallery			MA09AH1 NF1	MA12AH1 NF1			
ART COOL Panel			MA09AH* NF1	MA12AH* NF1			

ART COOL Mirror Note : *indicates panel color / Mirror(R), Silver(V), White(W)
ART COOL Panel Note : *indicates panel color / Silver(V), Red(E), Gold(G), White Silver(H)

Specification

Indoor Unit				MS05SQ NW0	MS07SQ NW0	MS09SQ NB0	MS12SQ NB0	MS15SQ NB0	MS18SQ NC0	MS24SQ NC0
Capacity	Cooling/Heating	Nom	kW	1.5/1.6	2.1/2.3	2.6/2.9	3.5/3.9	4.2/5.4	5.3/5.8	6.7/7.5
Power Input		Nom	W	20	20	20	20	20	40	60
Running Current	Cooling/Heating	Nom	A	0.1	0.1	0.2	0.2	0.2	0.3	0.3
Power Supply			ø/V/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	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	8.1/6.9/6.3	8.1/6.9/6.3	7.0/6.5/6.0	9.5/8.0/6.5	10.5/9.0/ 7.5	16.2/14.2/12.3	20.4/17.0/13.2
Sound Pressure	Cooling	High/Medium/Low	dBA	36/30/27	36/30/27	34/31/27	39/36/31	43/38/34	37/33/28	42/39/36
Sound Power	Cooling	Max	dBA	57	57	55	55	55	57	62
Dehumidification Rate			l/h	0.9	0.9	1.1	1.2	1.2	1.9	2.6
Dimensions	Body	WxHxD	mm	756×270×190	756×270×190	895×289×215	895×289×215	895×289×215	1,030×325×255	1,030×325×255
Net Weight	Body		kg	7.2	7.2	9.0	9.0	9.0	13.0	13.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)

Indoor Unit				MS07AQ NB0	MS09AQ NB0	MS12AQ NB0	MS18AQ NC0	MS24AQ NC0
Capacity	Cooling/Heating	Nom	kW	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Power Input		Nom	W	20	20	20	40	60
Running Current	Cooling/Heating	Nom	A	0.1	0.2	0.2	0.3	0.3
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	5.6/5.0/4.6	7.0/6.5/6.0	9.5/8.0/6.5	16.2/14.2/12.3	20.4/17.0/13.2
Sound Pressure	Cooling	High/Medium/Low	dBA	33/30/26	34/31/27	39/36/31	37/33/28	42/39/36
Sound Power	Cooling	Max	dBA	55	55	55	57	62
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Dimensions	Body	WxHxD	mm	895×289×210	895×289×210	895×289×210	1,030×325×250	1,030×325×250
Net Weight	Body		kg	9.5	9.5	9.5	13.8	13.8
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)

Indoor Unit				MS07AW* NB0	MS09AW* NB0	MS12AW* NB0	MS18AW* NC0	MS24AW* NC0
Capacity	Cooling/Heating	Nom	kW	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Power Input		Nom	W	20	20	20	40	60
Running Current	Cooling/Heating	Nom	A	0.1	0.2	0.2	0.3	0.3
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	5.6/5.0/4.6	7.0/6.5/6.0	9.5/8.0/6.5	16.2/14.2/12.3	20.4/17.0/13.2
Sound Pressure	Cooling	High/Medium/Low	dBA	33/30/26	34/31/27	39/36/31	37/33/28	42/39/36
Sound Power	Cooling	Max	dBA	55	55	55	57	62
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Dimensions	Body	WxHxD	mm	895×289×205	895×289×205	895×289×205	1,030×325×245	1,030×325×245
Net Weight	Body		kg	10.2	10.2	10.2	14.2	14.2
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)

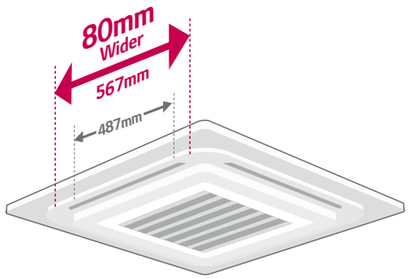
Indoor Unit				MA09AH1 NF1	MA12AH1 NF1	MA09AH* NF1	MA12AH* NF1
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	2.6/2.9	3.5/3.9
Power Input		Nom	W	40	40	40	40
Running Current	Cooling/Heating	Nom	A	0.1	0.1	0.1	0.1
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	7.7/5.9/4.4	8.9/7.3/5.6	7.7/5.9/4.4	8.9/7.3/5.6
Sound Pressure	Cooling	High/Medium/Low	dBA	38/32/27	44/38/32	38/32/27	44/38/32
Sound Power	Cooling	Max	dBA	52	54	52	54
Dehumidification Rate			l/h	1.2	1.4	1.2	1.4
Dimensions	Body	WxHxD	mm	600×600×145	600×600×145	600×600×145	600×600×145
Net Weight	Body		kg	15.0	15.0	15.0	15.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)

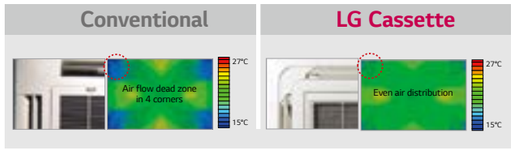
Note : Due to our policy of innovation some specifications may be changed without notification.

CEILING CASSETTE

Wide Air Flow

Improved vanes reduce the curved area and provide better air and temperature distribution.

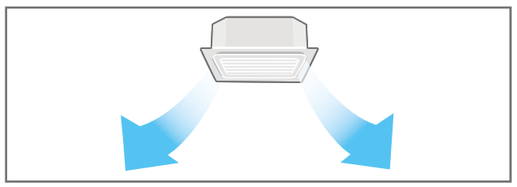




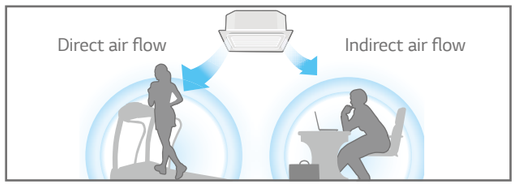
Independent Vane Control

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently.

All vane operation



Independent Vane Control

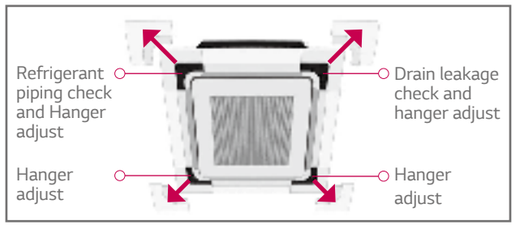


* Wired remote controller PQRCVSL0(QW) applied

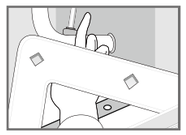
Convenient Panel Installation

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

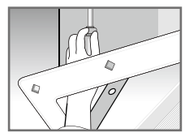
Detachable Corner Design



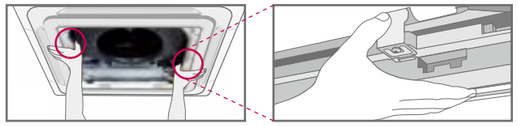
Drain leakage check



Hanger adjust



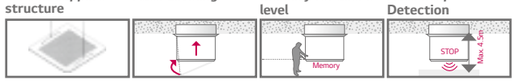
It is easy to install the panel to the body, using the button type panel design.



Auto Elevation Grille

Easy filter cleaning with elevation grill

4-Point support structure | **Auto Leveling** | **Memory for user's level** | **Auto Stop Detection**



* Operating with wired remote controller PQRCVSL0(QW) and wireless remote controller included in PTEGM0.
* Except CT09 NR2 / CT12 NR2 / CT18 NQ2
* Applied to cassette panel PT-UMC1

Various indoor units

Capacity (kW)		1.5	2.1	2.6	3.5	5.3	7.0
1-Way Cassette Type				MT09AH NU1	MT11AH NU1		
4-Way Cassette Type		MT06AH NR0	MT08AH NR0	CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2

Specifications

Indoor Unit				MT09AH NU1	MT11AH NU1	MT06AH NR0	MT08AH NR0
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	1.5/1.6	2.1/2.3
Power Input		Min/Nom/Max	W	-/20/-	-/20/-	10/20/20	10/20/20
Running Current	Cooling/Heating	Nom	A	0.2	0.2	0.4	0.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	7.5/7.3/6.8	8.1/7.4/7.0	7.5/6.0/5.0	7.5/6.0/5.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36/34/32	37/36/33	31/27/24	31/27/24
Sound Power	Cooling	Max	dBA	54	57	48	48
Dehumidification Rate			l/h	1.1	1.2	0.8	1
Dimensions	Body	WxHxD	mm	860×132×450	860×132×450	570×214×570	570×214×570
Net Weight	Body		kg	13.5	13.5	14.0	14.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
Decoration Panel	Model			PT-UUC1	PT-UUC1	PT-UQC	PT-UQC
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	1,100×34×500	1,100×34×500	700×22×700	700×22×700
	Weight		kg	4.4	4.4	3.0	3.0

* CT09, CT12, CT18, CT24 can be compatible between SCAC and MULTI.

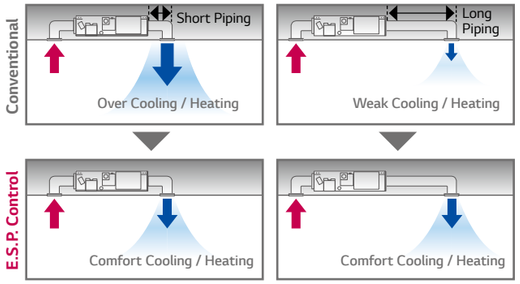
Indoor Unit				CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	5.3 /5.8	6.7/7.5
Power Input		Min/Nom/Max	W	10/20/20	10/20/20	10/30/40	20/50/60
Running Current	Cooling/Heating	Nom	A	0.4	0.4	0.4	0.6
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	8.5/7.0/6.0	9.5/8.0/7.0	13.0/12.0/11.0	17.0/15.0/13.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36/33/30	38/35/32	41/39/36	38/36/34
Sound Power	Cooling	Max	dBA	48	51	55	57
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4
Dimensions	Body	WxHxD	mm	570x214x570	570x214x570	570x256x570	840x204x840
Net Weight	Body		kg	14.0	14.0	15.5	20.5
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	700x22x700	700x22x700	700x22x700	950x25x950
	Weight		kg	3.0	3.0	3.0	5.0

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

CEILING CONCEALED DUCT

E.S.P. (External Static Pressure) Control

E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.

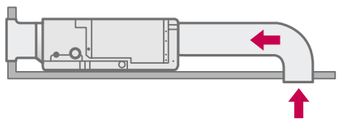


Flexible Installation (Low static duct only)

The new low static duct allows the air intake at the rear or bottom under installation condition.

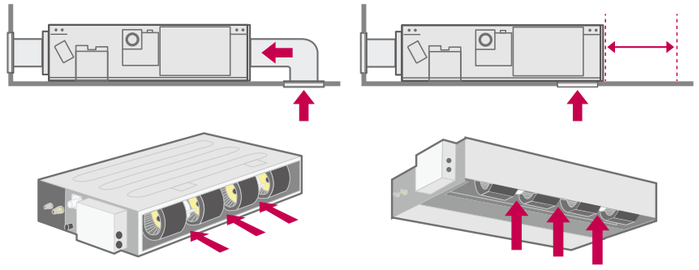
Conventional

Air intake at the only rear



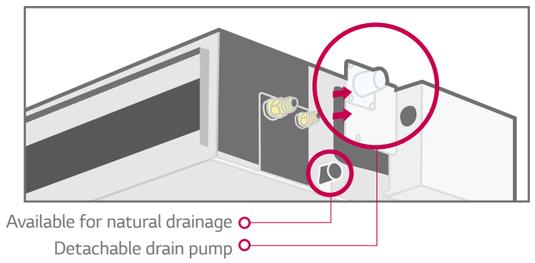
New Low Static Duct

Air intake at the rear or bottom



Easy Servicing and Maintenance (Low static duct only)

The drain pump is installed on the surface of the product, which is detachable.
Users can detach the drain pump for more convenient servicing and natural drainage.



Various indoor units

Capacity (kW)		2.6	3.5	5.3	7.0
Ceiling Concealed Duct		CB09L N12	CB12L N22	CB18L N22	CB24L N32
	 * Available from May			CM18 N14	CM24 N14

Specifications

* CB09L, CB12L, CB18L, CB24L can be compatible between SCAC and MULTI

Indoor Unit				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	5.3/5.8	7.0/7.7
Power Input		Min/Nom/Max (ESP 2.5mmAq)	W	30/50/50	80/95/95	95/120/120	90/150/150
		Min/Max (ESP 5.0mmAq)		40/60	80/100	100/140	110/160
Running Current	Cooling/Heating	Nom	A	0.4	0.8	0.8	1.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	9.0/7.0/5.5	10.0/8.5/7.0	15.0/12.5/10.0	20.0/16.0/12.0
Sound Pressure	Cooling	High/Medium/Low	dBA	30/26/23	31/28/27	36/34/31	39/35/32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	WxHxD	mm	700x190x700	900x190x700	900x190x700	1,100x190x700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)
External Static Pressure		Min~Max	mmAq(Pa)	0~5 (0~49)	0~5 (0~49)	0~5 (0~49)	0~5 (0~49)

* CM18, CM24 can be compatible between SCAC and MULTI. * Available from May

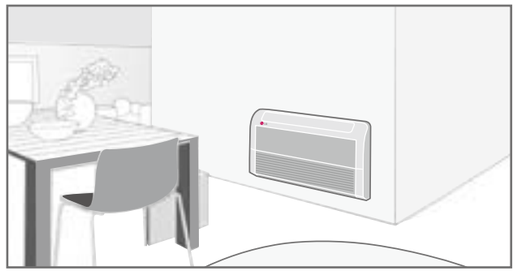
Indoor Unit				CM18 N14	CM24 N14
Capacity	Cooling/Heating	Nom	kW	5.3/5.8	7.0/7.7
Power Input		Min/Nom/Max (ESP 4.0mmAq)	W	50/80	50/90
		Min/Max (ESP 8.0mmAq)		90/160	100/180
Running Current	Cooling/Heating	Nom	A	0.9	1.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	16.5/14.5/13.0	18.0/16.5/14.5
Sound Pressure	Cooling	High/Medium/Low	dBA	34/32/30	35/34/32
Sound Power	Cooling	Max	dBA	59	60
Dehumidification Rate			l/h	2.0	2.5
Dimensions	Body	WxHxD	mm	900x270x700	900x270x700
Net Weight	Body		kg	24.0	24.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 12.7 (1/2)
External Static Pressure		Min~Max	mmAq(Pa)	2.5~15(25~147)	2.5~15(25~147)

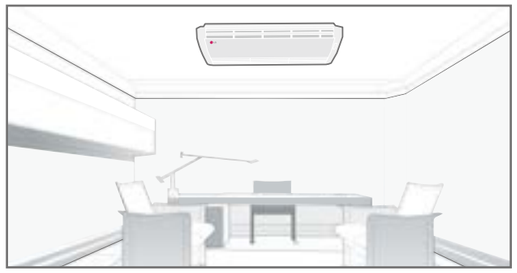
Note : Due to our policy of innovation some specifications may be changed without notification.

CEILING & FLOOR
CEILING SUSPENDED

Flexible Installation

The ceiling and floor models can be installed either on the ceiling or on the floor.
This saves space when installed in the shops or offices.



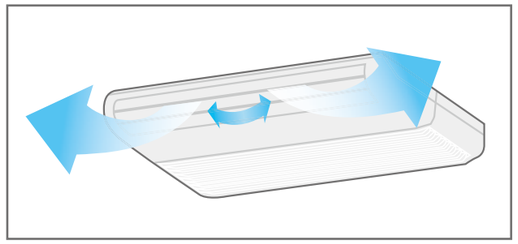


* Ceiling & Floor : CV09 NE2 / CV12 NE2

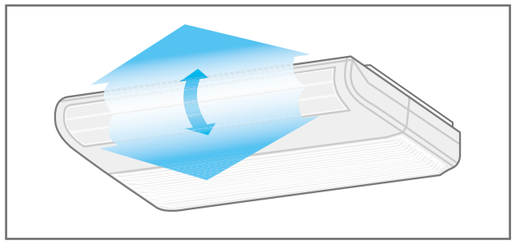
Airflow Direction Control

Vertical airflow direction can be adjusted using remote controller, and horizontal airflow direction can be adjusted manually.

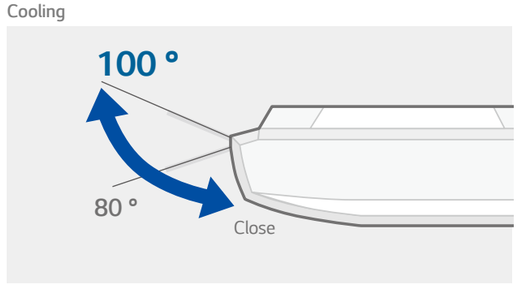
Horizontal



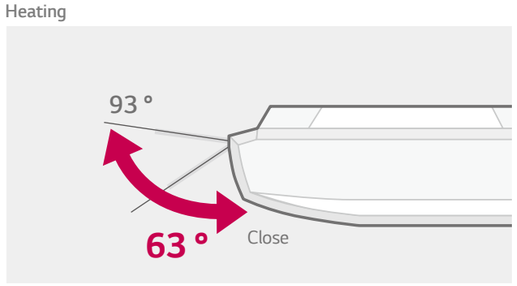
Vertical



Cooling



Heating



Various indoor units

Capacity (kW)	2.6	3.5	5.3	7.0
Ceiling & Floor 	CV09 NE2	CV12 NE2		
Ceiling Suspended 			CV18 NJ2	CV24 NJ2

Specifications

* CV09, CV12, CV18, CV24 can be compatible between SCAC and MULTI.

Indoor Unit				CV09 NE2	CV12 NE2
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9
Power Input		Min/Max	W	10/30	20/40
Running Current	Cooling/Heating	Nom	A	0.4	0.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	7.6/6.9/6.2	9.2/7.6/6.6
Sound Pressure	Cooling	High/Medium/Low	dBA	38/35/32	40/36/31
Sound Power	Cooling	Max	dBA	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	WxHxD	mm	900×490×200	900×490×200
Net Weight	Body		kg	13.7	13.7
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)

Indoor Unit				CV18 NJ2	CV24 NJ2
Capacity	Cooling/Heating	Nom	kW	5.3/5.8	7.0/7.7
Power Input		Min/Max	W	30/50	40/60
Running Current	Cooling/Heating	Nom	A	0.4	0.6
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	12.4/11.4/10.4	13.9/12.9/11.9
Sound Pressure	Cooling	High/Medium/Low	dBA	42/40/39	44/43/41
Sound Power	Cooling	Max	dBA	57	61
Dehumidification Rate			l/h	2.3	3.2
Dimensions	Body	WxHxD	mm	950×650×220	950×650×220
Net Weight	Body		kg	22.0	23.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm(inch)	ø 12.7 (1/2)	Ø 12.7 (1/2)

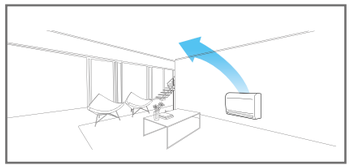
Note : Due to our policy of innovation some specifications may be changed without notification.

CONSOLE

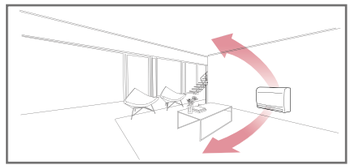
Optimised Air Flow for Cooling & Heating

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling. When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.

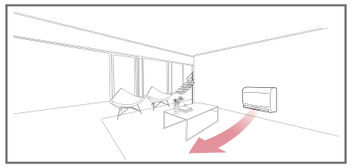
Cooling



Heating (Normal)



Heating (Floor Heating Mode)



Quick Floor Heating

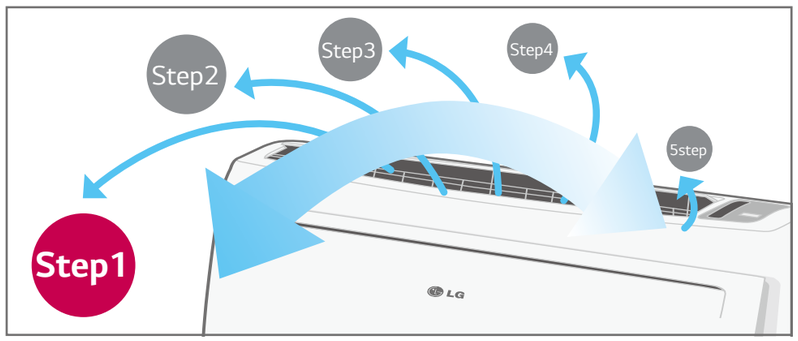
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating and help to reach the desired temperature quickly.

	Company A	Electric Heater	LG	LG Floor Heating Mode
Lead Time for Heating (13°C 21°C)	12 minutes 30 seconds	50 minutes	**9 minutes 30 seconds**	**8 minutes 40 seconds**

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

5-Step Vane Control

There are 5 different stages to control air flow direction.



Various indoor units

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

Specifications

* CQ09, CQ12, CQ18 can be compatible between SCAC and MULTI.

Indoor Unit				CQ09 NA0
Capacity	Cooling/Heating	Nom	kW	2.6/2.9
Power Input		Min/Max	W	10/20
Running Current	Cooling/Heating	Nom	A	0.6
Power Supply			ø/V/Hz	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	8.5/6.7/5.0
Sound Pressure	Cooling	High/Medium/Low	dBA	38/32/27
Sound Power	Cooling	Max	dBA	53
Dehumidification Rate			l/h	1.2
Dimensions	Body	WxHxD	mm	700×600×210
Net Weight	Body		kg	14.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)

Indoor Unit				CQ12 NA0	CQ18 NA0
Capacity	Cooling/Heating	Nom	kW	3.5/3.9	5.3/5.8
Power Input		Min/Max	W	10/30	20/40
Running Current	Cooling/Heating	Nom	A	0.6	0.7
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m^3/min	9.0/6.9/5.2	10.1/8.6/7.2
Sound Pressure	Cooling	High/Medium/Low	dBA	39/32/27	44/39/35
Sound Power	Cooling	Max	dBA	56	60
Dehumidification Rate			l/h	1.4	2.3
Dimensions	Body	WxHxD	mm	700×600×210	700×600×210
Net Weight	Body		kg	14.0	14.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	Ø 12.7 (1/2)

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

ACCESSORIES

Distributor Box

PMBD3620, PMBD3630, PMBD3640

Easy installation using the range of Distributor Boxes.

For	2 Indoors	3 Indoors	4 Indoors
Distributor	 PMBD3620	 PMBD3630	 PMBD3640

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)
- EEV included
- 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

No brazing

Just flaring

Specifications_Distributors

			PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units		1~2	1~3	1~4
	Capacity		5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k
Power Source		ø/V/Hz	1 / 220 ~ 240 / 50	1 / 200 ~ 240 / 50	1 / 200 ~ 240 / 50
Power Consumption		W	10	10	10
Runing Current		A	0.05	0.05	0.05
Dimensions	WxHxD	mm(inch)	302 × 143 × 252(11.9 × 5.6 × 9.9)	302 × 143 × 252(11.9 × 5.6 × 9.9)	302 × 143 × 252(11.9 × 5.6 × 9.9)
Net Weight		kg/lb	4.8 / 10.6	4.9 / 10.8	5 / 11
Piping Connection (To Outdoor Unit)	Liquid	mm(inch)	ø 9.52(3/8)	ø 9.52(3/8)	ø 9.52(3/8)
	Gas	mm(inch)	ø 19.05(3/4)	ø 19.05(3/4)	ø 19.05(3/4)
Piping Connection (To Indoor Unit)	Liquid	mm(inch)	ø 6.35(1/4) × 2EA	ø 6.35(1/4) × 3EA	ø 6.35(1/4) × 4EA
	Gas	mm(inch)	ø 9.52(3/8) × 2EA	ø 9.52(3/8) × 3EA	ø 9.52(3/8) × 4EA
Accessories	Hanger (Bracket)	EA	4	4	4
	Screw	EA	8	8	8
	Manual	EA	1	1	1

Note :
1. 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)
2. The BD should be installed inside the building.

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

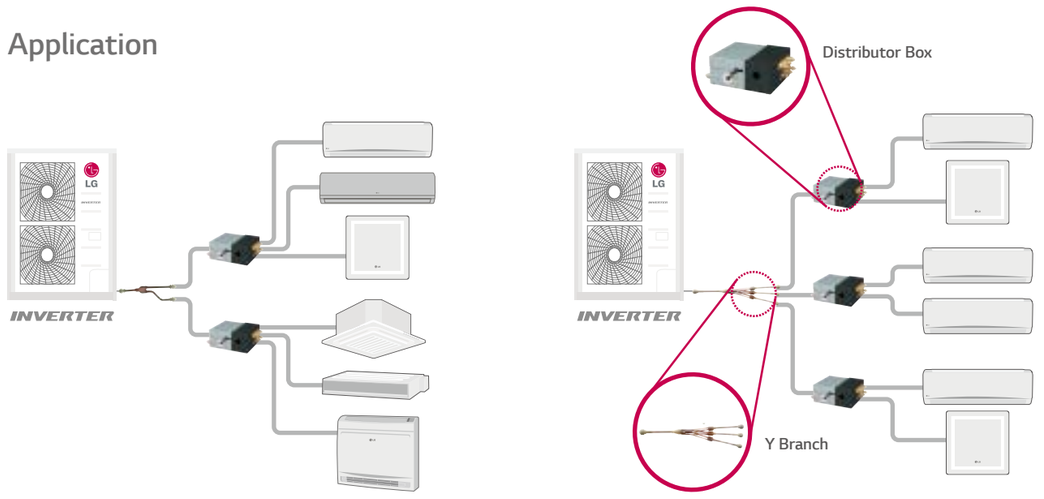
Y Branch and Branch Kit

PMBL5620 (2units) / PMBL1203F0 (3units)

Features

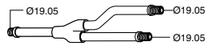
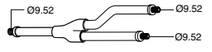
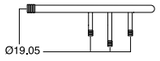
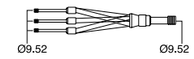
- Y Branch and Branch kit make MULTI Fdx installation much easier.
- Y Branch and Branch kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

Application



Accessory Model Name

(Unit : mm)

Model Name	No. of BD units	Applicable Model	Specification	
			Gas	Liquid
PMBL5620	2 units	1ø, 3ø		
PMBL1203F0	3 units	1ø, 3ø		

COMBINATION TABLE

MU2M15 UL2

Operation	Combination (kBtu/h)			Cooling										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.5	-	3,000	0.9	5,000	1.5	6,000	1.8	290	480	600
	7	-	7	2.1	-	4,200	1.2	7,000	2.1	8,400	2.5	320	520	620
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,800	3.2	400	660	850
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	14,400	4.2	530	880	1,220
2Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	480	800	1,090
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	530	880	1,220
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	5	12	17	1.4	3.3	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	9	9	18	2.3	2.3	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	7	12	19	1.7	3.0	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	9	12	21	2.0	2.7	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630

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.

Operation	Combination (kBtu/h)			Heating										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.6	-	3,300	1.0	5,500	1.6	6,000	1.8	290	480	600
	7	-	7	2.5	-	5,100	1.5	8,400	2.5	9,200	2.7	340	560	710
	9	-	9	3.2	-	6,500	1.9	10,800	3.2	11,800	3.5	420	700	890
	12	-	12	3.9	-	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,120
2Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,100	3.5	450	740	940
	5	7	12	1.6	2.3	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,090
	5	9	14	1.7	3.0	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	7	14	2.3	2.3	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	9	16	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	5	12	17	1.6	3.7	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	9	9	18	2.6	2.6	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	7	12	19	1.9	3.3	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	9	12	21	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660

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 UL2

Operation	Combination (kBtu/h)			Cooling										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.5	-	3,000	0.9	5,000	1.5	6,000	1.8	290	480	600
	7	-	7	2.1	-	4,200	1.2	7,000	2.1	8,400	2.5	320	520	620
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,800	3.2	400	660	850
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	14,400	4.2	530	880	1,220
	15	-	15	4.2	-	8,520	2.5	14,200	4.2	17,040	5.0	663	1,100	1,525
2Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	480	800	1,090
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	530	880	1,220
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	5	12	17	1.4	3.3	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	9	9	18	2.3	2.3	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	7	12	19	1.7	3.0	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	5	15	20	1.2	3.5	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	9	12	21	2.0	2.7	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	7	15	22	1.5	3.2	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	9	15	24	1.8	2.9	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	12	12	24	2.3	2.3	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630

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.

Operation	Combination (kBtu/h)			Heating										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.6	-	3,300	1.0	5,500	1.6	6,000	1.8	290	480	600
	7	-	7	2.5	-	5,100	1.5	8,400	2.5	9,200	2.7	340	560	710
	9	-	9	3.2	-	6,500	1.9	10,800	3.2	11,800	3.5	420	700	890
	12	-	12	3.9	-	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,120
	15	-	15	4.2	-	11,152	3.2	18,400	5.4	20,212	5.8	689	1,140	1,485
2Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,100	3.5	450	740	940
	5	7	12	1.6	2.3	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,090
	5	9	14	1.7	3.0	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	7	14	2.3	2.3	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	9	16	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	5	12	17	1.6	3.7	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	9	9	18	2.6	2.6	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	7	12	19	1.9	3.3	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	5	15	20	1.3	4.0	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	9	12	21	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	7	15	22	1.7	3.6	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	9	15	24	2.0	3.3	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	12	12	24	2.6	2.6	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660

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

MU3M19 UE2

Operation	Combination (kBtu/h)				Cooling											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UINT-A	UINT-B	UINT-C	Total	UINT-A	UINT-B	UINT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	5	1.5	-	-	4,600	1.3	5,000	1.5	6,000	1.8	140	358	578
	7	-	-	7	2.1	-	-	4,600	1.3	7,000	2.1	8,400	2.5	196	502	809
	9	-	-	9	2.6	-	-	5,400	1.6	9,000	2.6	10,800	3.2	252	645	1,040
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	14,400	4.2	336	860	1,387
	15	-	-	15	4.2	-	-	8,520	2.5	14,200	4.2	17,040	5.0	420	1,075	1,734
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
2Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	12,000	3.5	280	717	1,156
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	14,400	4.2	336	860	1,387
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	16,800	4.9	392	1,003	1,618
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	16,800	4.9	392	1,003	1,618
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	19,200	5.6	448	1,147	1,849
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	20,400	6.0	476	1,218	1,964
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	12	-	19	1.9	3.3	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	15	-	20	1.3	4.0	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	12	-	21	2.3	3.0	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	15	-	22	1.7	3.6	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	18	-	23	1.5	5.3	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	15	-	24	2.0	3.3	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	12	12	-	24	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	18	-	25	1.5	3.8	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	18	-	27	1.8	3.5	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	12	15	-	27	2.4	2.9	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	12	18	-	30	2.1	3.2	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	15	15	-	30	2.7	2.7	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
3Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	420	1,075	1,733
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	476	1,218	1,964
	5	5	9	19	1.4	1.4	2.5	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	7	19	1.4	1.9	1.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	9	21	1.3	1.8	2.3	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	7	21	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	5	12	22	1.2	1.2	2.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	9	9	23	1.1	2.1	2.1	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	9	23	1.6	1.6	2.1	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	12	24	1.1	1.5	2.6	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	5	15	25	1.1	1.1	3.2	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	9	9	25	1.5	1.9	1.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	9	12	26	1.0	1.8	2.4	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	12	26	1.4	1.4	2.4	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	15	27	1.0	1.4	2.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	9	9	27	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	9	12	28	1.3	1.7	2.3	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	9	15	29	0.9	1.6	2.7	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	12	12	29	0.9	2.2	2.2	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	15	29	1.3	1.3	2.7	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	9	12	30	1.6	1.6	2.1	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080

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.

Operation	Combination (kBtu/h)				Heating											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UINT-A	UINT-B	UINT-C	Total	UINT-A	UINT-B	UINT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	5	1.6	-	-	4,800	1.4	5,500	1.6	6,325	1.9	180	425	733
	7	-	-	7	2.5	-	-	4,800	1.4	8,400	2.5	9,660	2.8	252	595	1,027
	9	-	-	9	3.2	-	-	6,480	1.9	10,800	3.2	12,420	3.6	324	765	1,320
	12	-	-	12	4.2	-	-	8,640	2.5	14,400	4.2	16,560	4.9	432	1,020	1,760
	15	-	-	15	5.4	-	-	11,040	3.2	18,400	5.4	21,160	6.3	540	1,275	2,200
	18	-	-	18	6.3	-	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
2Unit	5	5	-	10	1.8	1.8	-	7,200	2.1	12,000	3.5	13,800	4.0	360	850	1,467
	5	7	-	12	1.8	2.5	-	8,640	2.5	14,400	4.2	16,560	4.9	432	1,020	1,760
	5	9	-	14	1.8	3.2	-	10,080	3.0	16,800	4.9	19,320	5.7	504	1,190	2,053
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	19,320	5.7	504	1,190	2,053
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	22,080	6.5	576	1,360	2,347
	5	12	-	17	1.8	4.2	-	12,240	3.6	20,400	6.0	23,460	6.9	612	1,445	2,493
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	12	-	19	2.3	4.0	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	15	-	20	1.6	4.7	-	12,960	3.8	21,600	6.3	24,840	7.2	648	1,530	2,640
	9	12	-	21	3.2	4.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	15	-	22	2.0	4.3	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	18	-	23	1.8	6.3	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	15	-	24	2.4	3.9	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	12	12	-	24	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	18	-	25	1.8	4.6	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	18	-	27	2.1	4.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	12	15	-	27	2.8	3.5	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	12	18	-	30	2.5	3.8	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	15	15	-	30	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
3Unit	5	5	5	15	1.8	1.8	1.8	10,800	3.2	18,000	5.3	20,700	6.1	540	1,275	2,200
	5	5	7	17	1.8	1.8	2.5	12,240	3.6	20,400	6.0	23,460	6.9	612	1,445	2,493
	5	5	9	19	1.7	1.7	3.0	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	7	19	1.7	2.3	2.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	9	21	1.5	2.1	2.7	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	7	21	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	5	12	22	1.4	1.4	3.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	9	9	23	1.4	2.5	2.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	9	23	1.9	1.9	2.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	12	24	1.3	1.8	3.2	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	5	15	25	1.3	1.3	3.8	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	9	9	25	1.8	2.3	2.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	9	12	26	1.2	2.2	2.9	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	12	26	1.7	1.7	2.9	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	15	27	1.2	1.6	3.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	9	9	27	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	9	12	28	1.6	2.0	2.7	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	9	15	29	1.1	2.0	3.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	12	12	29	1.1	2.6	2.6	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	15	29	1.5	1.5	3.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	9	12	30	1.9	1.9	2.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640

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.

COMBINATION TABLE

MU3M21 UE2

Operation	Combination (kBtu/h)				Cooling											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	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
1Unit	5	-	-	5	1.5	-	-	4,800	1.4	5,000	1.5	5,500	1.6	140	376	562
	7	-	-	7	2.1	-	-	6,300	1.8	7,000	2.1	7,700	2.3	140	527	787
	9	-	-	9	2.6	-	-	6,300	1.8	9,000	2.6	9,900	2.9	252	677	1,011
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	13,200	3.9	336	903	1,349
	15	-	-	15	4.2	-	-	8,520	2.5	14,200	4.2	15,620	4.7	420	1,129	1,686
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	19,800	5.8	504	1,354	2,023
2Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	11,000	3.2	280	752	1,124
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	13,200	3.9	336	903	1,349
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	15,400	4.5	392	1,053	1,573
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	15,400	4.5	392	1,053	1,573
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	17,600	5.2	448	1,204	1,798
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	18,700	5.5	476	1,279	1,910
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	19,800	5.8	504	1,354	2,023
	7	12	-	19	2.1	3.5	-	11,400	3.3	19,000	5.6	20,900	6.1	532	1,430	2,135
	5	15	-	20	1.5	4.4	-	12,000	3.5	20,000	5.9	22,000	6.5	560	1,505	2,247
	9	12	-	21	2.6	3.5	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	7	15	-	22	2.0	4.2	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	5	18	-	23	1.5	5.3	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	9	15	-	24	2.3	3.9	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	12	12	-	24	3.4	3.4	-	13,800	4.0	21,000	6.2	23,100	6.8	588	1,580	2,360
	7	18	-	25	2.0	5.1	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	9	18	-	27	2.3	4.7	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	12	15	-	27	2.8	3.4	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	12	18	-	30	2.8	4.2	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	15	15	-	30	3.1	3.1	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	15	18	-	33	2.8	3.4	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
3Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	420	1,129	1,686
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	476	1,279	1,910
	5	5	9	19	1.5	1.5	2.6	11,400	3.3	19,000	5.6	22,800	6.7	532	1,430	2,135
	5	7	7	19	1.5	2.1	2.1	11,400	3.3	19,000	5.6	22,800	6.7	532	1,430	2,135
	5	7	9	21	1.5	2.1	2.6	12,600	3.7	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	7	21	2.1	2.1	2.1	12,600	3.7	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	5	12	22	1.5	1.5	3.5	13,200	3.9	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	9	23	2.1	2.1	2.6	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	9	23	1.5	2.6	2.6	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	7	12	24	1.5	2.1	3.5	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	5	15	25	1.2	1.2	3.7	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	9	9	25	2.0	2.5	2.5	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	12	26	1.4	2.4	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	12	26	1.9	1.9	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	7	15	27	1.1	1.6	3.4	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	9	9	27	2.3	2.3	2.3	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	9	12	28	1.8	2.3	3.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	5	18	28	1.3	1.3	4.5	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	15	29	1.1	1.9	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	12	12	29	1.2	2.9	2.9	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	15	29	1.5	1.5	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	7	18	30	1.2	1.6	4.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	9	12	30	2.1	2.1	2.8	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	9	15	31	1.4	1.8	3.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	12	12	31	1.6	2.7	2.7	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	12	15	32	1.0	2.3	2.9	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	18	32	1.1	2.0	4.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	18	32	1.5	1.5	4.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	9	15	33	1.7	1.7	2.8	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	12	12	33	1.9	2.6	2.6	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360

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.

Operation	Combination (kBtu/h)				Heating											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	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
1Unit	5	-	-	5	1.6	-	-	5,000	1.5	5,500	1.6	6,050	1.8	210	407	648
	7	-	-	7	2.3	-	-	7,560	2.2	8,000	2.3	8,800	2.6	210	570	907
	9	-	-	9	2.9	-	-	7,560	2.2	10,000	2.9	10,900	3.2	378	733	1,166
	12	-	-	12	3.9	-	-	7,920	2.3	13,200	3.9	14,500	4.2	504	977	1,554
	15	-	-	15	5.4	-	-	11,040	3.2	18,400	5.4	20,212	5.8	630	1,222	1,943
	18	-	-	18	5.8	-	-	11,880	3.5	19,800	5.8	21,800	6.4	756	1,466	2,331
2Unit	5	5	-	10	1.6	1.6	-	6,600	1.9	11,000	3.2	12,100	3.5	420	814	1,295
	5	7	-	12	1.6	2.5	-	8,340	2.4	13,900	4.1	15,290	4.5	504	977	1,554
	5	9	-	14	1.6	2.9	-	9,300	2.7	15,500	4.5	18,500	5.4	588	1,140	1,813
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	18,500	5.4	588	1,140	1,813
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	21,100	6.2	672	1,303	2,072
	5	12	-	17	1.6	3.9	-	11,220	3.3	18,700	5.5	23,700	6.9	714	1,384	2,202
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	23,700	6.9	756	1,466	2,331
	7	12	-	19	2.5	4.2	-	13,680	4.0	22,800	6.7	25,000	7.3	798	1,547	2,461
	5	15	-	20	1.8	5.3	-	14,400	4.2	24,000	7.0	26,316	7.6	882	1,710	2,720
	9	12	-	21	3.2	4.2	-	15,120	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	15	-	22	2.2	4.8	-	15,120	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	18	-	23	1.6	5.8	-	15,180	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	15	-	24	2.6	4.4	-	15,180	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	12	12	-	24	3.9	3.9	-	15,840	4.6	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	18	-	25	2.3	5.9	-	16,680	4.9	24,000	7.0	26,500	7.8	882	1,710	2,720
	12	15	-	27	3.1	3.9	-	16,680	4.9	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	18	-	27	2.8	5.6	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	12	18	-	30	3.4	5.1	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	15	15	-	30	3.5	3.5	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	15	18	-	33	3.2	3.8	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
3Unit	5	5	5	15	1.6	1.6	1.6	9,900	2.9	16,500	4.8	18,150	5.3	630	1,221	1,943
	5	5	7	17	1.6	1.6	2.5	11,640	3.4	19,400	5.7	21,340	6.3	714	1,384	2,202
	5	5	9	19	1.6	1.6	2.9	12,600	3.7	21,000	6.2	23,100	6.8	798	1,547	2,461
	5	7	7	19	1.6	2.5	2.3	13,140	3.9	21,900	6.4	24,090	7.1	798	1,547	2,461
	5	7	9	21	1.6	2.5	2.9	14,340	4.2	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	7	21	2.5	2.5	2.5	15,120	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	5	12	22	1.6	1.6	3.9	14,520	4.3	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	9	23	2.5	2.5	3.2	16,560	4.9	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	9	23	1.6	2.9	2.9	15,300	4.5	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	7	12	24	1.8	2.5	4.2	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	5	15	25	1.4	1.4	4.2	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	9	9	25	2.4	3.0	3.0	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	12	26	1.6	2.9	3.9	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	12	26	2.3	2.3	3.9	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	7	15	27	1.3	1.8	3.9	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	9	9	27	2.8	2.8	2.8	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	9	12	28	2.1	2.7	3.6	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	5	18	28	1.5	1.5	5.4	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	15	29	1.2	2.2	3.6	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	12	12	29	1.5	3.5	3.5	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	15	29	1.7	1.7	3.6	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	7	18	30	1.4	2.0	5.1	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	9	12	30	2.5	2.5	3.4	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	9	15	31	1.6	2.0	3.4	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	12	12	31	1.9	3.3	3.3	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	12	15	32	1.1	2.6	3.3	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	18	32	1.3	2.4	4.7	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	18	32	1.8	1.8	4.7	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	9	15	33	1.9	1.9	3.2	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	12	12	33	2.3	3.1	3.1	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720

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.

COMBINATION TABLE

MU4M25 U42

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.5	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	444	740	1,029
	7	-	-	-	7	2.1	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	444	740	1,029
	9	-	-	-	9	2.6	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	540	900	1,167
	12	-	-	-	12	3.5	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	660	1,100	1,294
	15	-	-	-	15	4.2	-	-	-	8,520	2.5	14,200	4.2	15,620	4.7	840	1,400	1,647
	18	-	-	-	18	5.3	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,020	1,700	2,225
	24	-	-	-	24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,470	2,450	3,088
2Unit	5	5	-	-	10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	11,000	3.2	396	660	794
	5	7	-	-	12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	13,200	3.9	408	680	843
	5	9	-	-	14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	15,400	4.5	492	820	980
	7	7	-	-	14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	15,400	4.5	492	820	980
	7	9	-	-	16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	17,600	5.2	636	1,060	1,294
	5	12	-	-	17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	18,700	5.5	720	1,200	1,451
	9	9	-	-	18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	19,800	5.8	810	1,350	1,676
	7	12	-	-	19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	20,900	6.1	924	1,540	1,843
	5	15	-	-	20	1.5	4.4	-	-	12,000	3.5	20,000	5.9	22,000	6.4	1,026	1,710	2,046
	9	12	-	-	21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,128	1,880	2,441
	7	15	-	-	22	2.1	4.4	-	-	13,200	3.8	22,000	6.4	24,200	7.1	1,251	2,085	2,707
	5	18	-	-	23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	23,100	6.8	1,374	2,290	2,854
	9	15	-	-	24	2.5	4.2	-	-	13,800	4.0	23,000	6.7	23,100	6.8	1,374	2,290	2,854
	12	12	-	-	24	3.4	3.4	-	-	13,800	4.0	23,000	6.7	25,500	7.5	1,374	2,290	2,854
	7	18	-	-	25	2.0	5.1	-	-	14,400	4.2	24,000	7.0	26,500	7.8	1,410	2,350	3,147
	9	18	-	-	27	2.3	4.7	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,410	2,350	3,147
	12	15	-	-	27	3.1	3.9	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,410	2,350	3,147
	5	24	-	-	29	1.2	5.8	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,410	2,350	3,147
	12	18	-	-	30	2.8	4.2	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,410	2,350	3,147
	15	15	-	-	30	3.5	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,410	2,350	3,147
	7	24	-	-	31	1.6	5.4	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	9	24	-	-	33	1.9	5.1	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	15	18	-	-	33	3.2	3.8	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	18	18	-	-	36	3.5	3.5	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	12	24	-	-	36	2.3	4.7	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
3Unit	5	5	5	-	15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	18,000	5.3	396	660	1,784
	5	5	7	-	17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	20,400	6.0	432	720	1,860
	5	5	9	-	19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	22,800	6.7	570	950	1,294
	5	7	7	-	19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	22,800	6.7	570	950	1,294
	5	7	9	-	21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	25,200	7.4	738	1,230	1,588
	7	7	7	-	21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	25,200	7.4	738	1,230	1,588
	5	5	12	-	22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	26,400	7.7	828	1,380	1,696
	7	7	9	-	23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	912	1,520	1,814
	5	9	9	-	23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	912	1,520	1,814
	5	7	12	-	24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	5	15	-	25	1.4	1.4	4.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	9	-	25	2.0	2.5	2.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	12	-	26	1.4	2.4	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	12	-	26	1.9	1.9	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	7	15	-	27	1.3	1.8	3.9	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	9	-	27	2.3	2.3	2.3	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	12	-	28	1.8	2.3	3.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	5	18	-	28	1.3	1.3	4.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	15	-	29	1.2	2.2	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	12	12	-	29	1.2	2.9	2.9	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	15	-	29	1.7	1.7	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	7	18	-	30	1.2	1.6	4.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	12	-	30	2.1	2.1	2.8	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	15	-	31	1.6	2.0	3.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	12	12	-	31	1.6	2.7	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	12	15	-	32	1.1	2.6	3.3	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	18	-	32	1.1	2.0	4.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	18	-	32	1.5	1.5	4.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	15	-	33	1.9	1.9	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	12	12	-	33	1.9	2.6	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	18	-	34	1.4	1.9	3.7	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	12	15	-	34	1.4	2.5	3.1	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	5	24	-	34	1.0	1.0	5.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	12	18	-	35	1.0	2.4	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	15	15	-	35	1.0	3.0	3.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	7	24	-	36	1.0	1.4	4.7	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	12	15	-	36	1.8	2.3	2.9	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	12	12	12	-	36	2.3	2.3	2.3	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	18	-	36	1.8	1.8	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	12	18	-	37	1.3	2.3	3.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	15	15	-	37	1.1	2.4	2.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	24	-	38	0.9	1.7	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	24	-	38	1.3	1.3	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	12	18	-	39	1.6	2.2	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	15	15	-	39	1.6	2.7	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	956	1,593	1,902
	12	12	15	-	39	2.2	2.2	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	921	1,535	1,834
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	12,000	3.5	20,000	5.9	24,000	7.0	852	1,420	1,971
	5	5	5	7	22	1.5	1.5	1.5	2.1	13,200	3.9	22,000	6.4	26,400	7.7	924	1,540	2,206
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	7	9	26	1.4	1.4	1.9	2.4	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	7	7	7	26	1.4	1.9	1.9	1.9	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	5	12	27	1.3	1.3	1.3	3.1	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	9	9	28	1.3	1.3	2.3	2.3	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	7	7	9	28	1.3	1.8	1.8	2.3	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	7	7	7	7	28	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	7	12	29	1.2	1.2	1.7	2.9	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	5	15	30	1.2	1.2	1.2	3.5	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	7	9	9	30	1.2	1.6	2.1	2.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	9	30	1.6	1.6	1.6	2.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	9	12	31	1.1	1.1	2.0	2.7	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	7	12	31	1.1	1.6	1.6	2.7	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	7	15	32	1.1	1.1	1.5	3.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	9	9	32	1.5	1.5	2.0	2.0	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	9	9	9	32	1.1	2.0	2.0	2.0	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	5	18	33	1.1	1.1	1.1	3.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	9	12	33	1.1	1.5	1.9	2.6	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	12	33	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	9	15	34	1.0	1.0	1.9	3.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	12	12	34	1.0	1.0	2.5	2.5	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	7	15	34	1.0	1.4	1.4	3.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	9	9	9	34	1.4	1.9	1.9	1.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	7	18	35	1.0	1.0	1.4	3.6	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	9	9	12	35	1.0	1.8	1.8	2.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	9	12	35	1.4	1.4	1.8	2.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	9	15	36	1.0	1.4	1.8	2.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	12	12	36	1.0	1.4	2.3	2.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	15	36	1.4	1.4	1.4	2.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	9	9	9	9	36	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	9	18	37	1.0	1.0	1.7	3.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	12	15	37	1.0	1.0	2.3	2.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	7	18	37	1.0	1.3	1.3	3.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	9	9	12	37	1.3	1.7	1.7	2.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	9	9	15	38	0.9	1.7	1.7	2.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	9	15	38	1.3	1.3	1.7	2.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	12	12	38	1.3	1.3	2.2	2.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	5	24	39	0.9	0.9	0.9	4.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	9	18	39	0.9	1.3	1.6	3.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	12	15	39	0.9	1.3	2.2	2.7	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	9	9	9	12	39	1.6	1.6	1.6	2.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	18	39	1.3	1.3	1.3	3.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590

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 39kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

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Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.6	-	-	-	4,950	1.5	5,500	1.6	6,050	1.8	498	830	1,294
	7	-	-	-	7	2.3	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	510	850	1,294
	9	-	-	-	9	2.9	-	-	-	7,560	2.2	10,000	2.9	10,900	3.2	534	890	1,471
	12	-	-	-	12	3.9	-	-	-	7,920	2.3	13,200	3.9	14,500	4.2	582	970	1,676
	15	-	-	-	15	4.2	-	-	-	11,040	3.2	18,400	5.4	20,212	5.8	867	1,445	2,497
	18	-	-	-	18	5.8	-	-	-	11,880	3.5	19,800	5.8	21,800	6.4	1,152	1,920	2,157
	24	-	-	-	24	7.4	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,416	2,360	3,431
2Unit	5	5	-	-	10	1.6	1.6	-	-	6,600	1.9	11,000	3.2	12,100	3.5	720	1,200	1,265
	5	7	-	-	12	1.6	2.5	-	-	8,340	2.4	13,900	4.1	15,290	4.5	732	1,220	2,301
	5	9	-	-	14	1.6	2.9	-	-	9,300	2.7	15,500	4.5	18,500	5.4	762	1,270	2,167
	7	7	-	-	14	2.5	2.5	-	-	10,080	3.0	16,800	4.9	18,500	5.4	762	1,270	2,507
	7	9	-	-	16	2.5	3.2	-	-	11,520	3.4	19,200	5.6	21,100	6.2	834	1,390	2,167
	5	12	-	-	17	1.6	3.9	-	-	11,220	3.3	18,700	5.5	23,700	6.9	858	1,430	2,735
	9	9	-	-	18	3.2	3.2	-	-	12,960	3.8	21,600	6.3	23,700	6.9	1,104	1,840	2,931
	7	12	-	-	19	2.5	4.2	-	-	13,680	4.0	22,800	6.7	25,000	7.3	1,206	2,010	3,039
	5	15	-	-	20	1.8	5.3	-	-	14,400	4.2	24,000	7.0	26,316	7.7	1,281	2,135	3,228
	9	12	-	-	21	3.2	4.2	-	-	15,120	4.4	25,200	7.4	27,700	8.1	1,356	2,260	3,225
	7	15	-	-	22	2.4	5.1	-	-	15,180	4.4	25,300	7.4	27,810	8.1	1,440	2,400	3,425
	5	18	-	-	23	1.6	5.8	-	-	15,180	4.4	25,300	7.4	27,830	8.2	1,524	2,540	3,255
	9	15	-	-	24	2.9	4.8	-	-	15,840	4.6	26,400	7.7	29,040	8.6	1,608	2,680	3,434
	12	12	-	-	24	3.9	3.9	-	-	15,840	4.6	26,400	7.7	29,040	8.5	1,608	2,680	3,412
	7	18	-	-	25	2.3	5.9	-	-	16,680	4.9	27,800	8.1	30,000	8.8	1,608	2,680	3,412
	9	18	-	-	27	2.8	5.6	-	-	17,280	5.1	28,800	8.4	31,500	9.2	1,608	2,680	3,412
	12	15	-	-	27	3.8	4.7	-	-	17,280	5.1	28,800	8.4	31,500	9.2	1,608	2,680	3,412
	5	24	-	-	29	1.5	7.0	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	12	18	-	-	30	3.4	5.1	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	15	15	-	-	30	4.2	4.2	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	7	24	-	-	31	1.9	6.5	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	9	24	-	-	33	2.3	6.1	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	15	18	-	-	33	3.8	4.6	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	18	18	-	-	36	4.2	4.2	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	12	24	-	-	36	2.8	5.6	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
3Unit	5	5	5	-	15	1.6	1.6	1.6	-	9,900	2.9	16,500	4.8	18,150	5.3	870	1,450	1,598
	5	5	7	-	17	1.6	1.6	2.5	-	11,640	3.4	19,400	5.7	21,340	6.3	936	1,560	1,951
	5	5	9	-	19	1.6	1.6	2.9	-	12,600	3.7	21,000	6.2	23,100	6.8	966	1,610	2,373
	5	7	7	-	19	1.6	2.5	2.3	-	13,140	3.9	21,900	6.4	24,090	7.1	966	1,610	2,373
	5	7	9	-	21	1.6	2.5	2.9	-	14,340	4.2	23,900	7.0	26,290	7.7	1,026	1,710	2,873
	7	7	7	-	21	2.5	2.5	2.5	-	15,120	4.4	25,200	7.4	27,700	8.1	1,026	1,710	2,873
	5	5	12	-	22	1.6	1.6	3.9	-	14,520	4.3	24,200	7.1	26,620	7.8	1,050	1,750	3,049
	7	7	9	-	23	2.5	2.5	3.2	-	16,560	4.9	27,600	8.1	30,000	8.8	1,122	1,870	3,275
	5	9	9	-	23	1.6	2.9	2.9	-	15,300	4.5	25,500	7.5	28,050	8.2	1,122	1,870	3,275
	5	7	12	-	24	1.8	2.5	4.2	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	5	5	15	-	25	1.7	1.7	5.1	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	7	9	9	-	25	2.4	3.0	3.0	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	5	9	12	-	26	1.6	2.9	3.9	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	7	7	12	-	26	2.3	2.3	3.9	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	5	7	15	-	27	1.6	2.2	4.7	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	9	9	9	-	27	2.8	2.8	2.8	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	7	9	12	-	28	2.1	2.7	3.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	5	18	-	28	1.5	1.5	5.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	9	15	-	29	1.5	2.6	4.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	12	12	-	29	1.5	3.5	3.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	7	15	-	29	2.0	2.0	4.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	7	18	-	30	1.4	2.0	5.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	9	12	-	30	2.5	2.5	3.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	9	15	-	31	1.9	2.5	4.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	12	12	-	31	1.9	3.3	3.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	12	15	-	32	1.3	3.2	4.0	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	9	18	-	32	1.3	2.4	4.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	7	18	-	32	1.8	1.8	4.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	9	15	-	33	2.3	2.3	3.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	12	12	-	33	2.3	3.1	3.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	9	18	-	34	1.7	2.2	4.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	12	15	-	34	1.7	3.0	3.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	5	24	-	34	1.2	1.2	6.0	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	12	18	-	35	1.2	2.9	4.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	15	15	-	35	1.2	3.6	3.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	7	24	-	36	1.2	1.6	5.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	12	15	-	36	2.1	2.8	3.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	12	12	12	-	36	2.8	2.8	2.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	9	18	-	36	2.1	2.1	4.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	12	18	-	37	1.6	2.7	4.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	15	15	-	37	1.6	3.4	3.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	9	24	-	38	1.1	2.0	5.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	7	24	-	38	1.6	1.6	5.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	12	18	-	39	1.9	2.6	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	15	15	-	39	1.9	3.2	3.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	12	12	15	-	39	2.6	2.6	3.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	13,200	3.9	22,000	6.4	24,200	7.1	858	1,430	1,873
4Unit	5	5	5	7	22	1.5	1.5	1.5	2.1	14,700	4.3	24,500	7.2	26,950	7.9	978	1,630	2,088
	5	5	5	9	24	1.5	1.5	1.5	2.6	15,840	4.6	26,400	7.7	29,040	8.5	1,050	1,750	2,410
	5	5	7	7	24	1.5	1.5	2.1	2.1	15,840	4.6	26,400	7.7	29,040	8.5	1,050	1,750	2,410
	5	5	7	9	26	1.4	1.4	1.9	2.4	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	7	7	7	26	1.4	1.9	1.9	1.9	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	5	5	12	27	1.3	1.3	1.3	3.1	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	5	9	9	28	1.3	1.3	2.3	2.3	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	7	7	9	28	1.3	1.8	1.8	2.3	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	7	7	7	7	28	1.8	1.8	1.8	1.8	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	5	7	12	29	1.2	1.2	1.7	2.9	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	5	15	30	1.4	1.4	1.4	4.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	9	30	1.2	1.6	2.1	2.1	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	9	30	1.6	1.6	1.6	2.1	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	9	12	31	1.1	1.1	2.0	2.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	7	12	31	1.1	1.6	1.6	2.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	7	15	32	1.3	1.3	1.8	4.0	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	9	9	32	1.5	1.5	2.0	2.0	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	9	9	9	32	1.1	2.0	2.0	2.0	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	5	18	33	1.1	1.1	1.1	3.8	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	12	33	1.1	1.5	1.9	2.6	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	12	33	1.5	1.5	1.5	2.6	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	9	15	34	1.2	1.2	2.2	3.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	12	12	34	1.0	1.0	2.5	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	7	15	34	1.2	1.7	1.7	3.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	9	9	9	34	1.4	1.9	1.9	1.9	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	7	18	35	1.0	1.0	1.4	3.6	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	9	9	12	35	1.0	1.8	1.8	2.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	9	12	35	1.4	1.4	1.8	2.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	15	36	1.2	1.6	2.1	3.5	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	12	12	36	1.0	1.4	2.3	2.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	15	36	1.6	1.6	1.6	3.5	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	9	9	9	9	36	1.8	1.8	1.8	1.8	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	9	18	37	1.0	1.0	1.7	3.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	12	15	37	1.1	1.1	2.7	3.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	7	18	37	1.0	1.3	1.3	3.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	9	9	12	37	1.3	1.7	1.7	2.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	9	9	15	38	1.1	2.0	2.0	3.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	9	15	38	1.6	1.6	2.0	3.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	12	12	38	1.3	1.3	2.2	2.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	5	24	39	0.9	0.9	0.9	4.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	18	39	0.9	1.3	1.6	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	12	15	39	1.1	1.5	2.6	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	9	9	9	12	39	1.6	1.6	1.6	2.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	18	39	1.3	1.3	1.3	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990

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 39kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M27 U42

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.5	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	444	740	1,029
	7	-	-	-	7	2.1	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	444	740	1,029
	9	-	-	-	9	2.6	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	540	900	1,167
	12	-	-	-	12	3.5	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	660	1,100	1,294
	15	-	-	-	15	4.2	-	-	-	8,520	2.5	14,200	4.2	15,620	4.7	840	1,400	1,647
	18	-	-	-	18	5.3	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,020	1,700	2,225
	24	-	-	-	24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,470	2,450	3,088
2Unit	5	5	-	-	10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	11,500	3.4	396	660	794
	5	7	-	-	12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	13,800	4.0	408	680	843
	5	9	-	-	14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	7	-	-	14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	9	-	-	16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	18,400	5.4	636	1,060	1,294
	5	12	-	-	17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	18,700	5.5	720	1,200	1,451
	9	9	-	-	18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	20,700	6.1	810	1,350	1,676
	7	12	-	-	19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	20,900	6.1	924	1,540	1,843
	5	15	-	-	20	1.5	4.4	-	-	12,000	3.5	20,000	5.9	22,000	6.4	1,026	1,710	2,046
	9	12	-	-	21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,128	1,880	2,441
	7	15	-	-	22	2.1	4.4	-	-	13,200	3.8	22,000	6.4	24,200	7.1	1,251	2,085	2,707
	5	18	-	-	23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,374	2,290	2,854
	9	15	-	-	24	2.6	4.4	-	-	14,400	4.2	24,000	7.0	27,600	8.2	1,392	2,320	2,891
	12	12	-	-	24	3.4	3.4	-	-	14,400	4.2	24,000	7.0	26,400	7.7	1,410	2,350	3,147
	7	18	-	-	25	2.0	5.1	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,542	2,570	3,304
	9	18	-	-	27	2.3	4.7	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	15	-	-	27	3.5	4.4	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	5	24	-	-	29	1.2	5.8	-	-	17,400	5.1	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	18	-	-	30	2.8	4.2	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	15	15	-	-	30	4.0	4.0	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	7	24	-	-	31	1.6	5.4	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	9	24	-	-	33	1.9	5.1	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	15	18	-	-	33	3.6	4.3	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	18	18	-	-	36	3.5	3.5	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	24	-	-	36	2.3	4.7	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	15	24	-	-	39	3.0	4.9	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
3Unit	5	5	5	-	15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	17,250	5.1	396	660	1,784
	5	5	7	-	17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	19,550	5.7	432	720	1,860
	5	5	9	-	19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	7	-	19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	9	-	21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	7	7	7	-	21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	5	5	12	-	22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	25,300	7.4	828	1,380	1,696
	7	7	9	-	23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	26,450	7.8	912	1,520	1,814
	5	9	9	-	23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	26,450	7.8	912	1,520	1,814
	5	7	12	-	24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	27,600	8.1	990	1,650	1,971
	5	5	15	-	25	1.6	1.6	4.7	-	16,200	4.7	27,000	7.9	31,050	9.2	1,035	1,725	2,061
	7	9	9	-	25	2.1	2.6	2.6	-	15,000	4.4	25,000	7.3	28,750	8.4	1,080	1,800	2,167
	5	9	12	-	26	1.5	2.6	3.5	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	7	7	12	-	26	2.1	2.1	3.5	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	5	7	15	-	27	1.5	2.1	4.4	-	16,200	4.8	27,000	7.9	31,050	9.2	1,212	2,020	2,606
	9	9	9	-	27	2.6	2.6	2.6	-	16,200	4.7	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	12	-	28	2.1	2.6	3.5	-	16,800	4.9	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	5	18	-	28	1.5	1.5	5.3	-	16,800	4.9	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	9	15	-	29	1.4	2.5	4.1	-	16,800	4.9	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	12	-	29	1.5	3.5	3.5	-	17,400	5.1	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	7	15	-	29	1.9	1.9	4.1	-	17,400	5.1	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	7	18	-	30	1.5	2.1	5.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	9	12	-	30	2.6	2.6	3.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	15	-	31	1.8	2.3	3.8	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	12	12	-	31	2.0	3.4	3.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	15	-	32	1.2	3.0	3.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	9	18	-	32	1.4	2.5	4.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	7	18	-	32	1.9	1.9	4.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	9	15	-	33	2.2	2.2	3.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	12	12	-	33	2.4	3.2	3.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	18	-	34	1.8	2.3	4.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	12	15	-	34	1.6	2.8	3.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	5	24	-	34	1.3	1.3	6.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	18	-	35	1.3	3.0	4.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	15	15	-	35	1.1	3.4	3.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	7	24	-	36	1.2	1.7	5.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	12	15	-	36	2.0	2.6	3.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	12	12	12	-	36	2.9	2.9	2.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	9	18	-	36	2.2	2.2	4.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	12	18	-	37	1.7	2.9	4.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	15	15	-	37	1.5	3.2	3.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	9	24	-	38	1.2	2.1	5.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	15	18	-	38	1.0	3.1	3.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	7	24	-	38	1.6	1.6	5.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	12	18	-	39	2.0	2.7	4.1	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	15	15	-	39	1.8	3.0	3.0	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	12	12	15	-	39	2.4	2.4	3.0	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	24	-	40	1.5	2.0	5.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	15	18	-	40	1.4	3.0	3.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	24	-	41	1.1	2.6	5.1	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	18	18	-	41	1.1	3.9	3.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	12,000	3.5	20,000	5.9	24,000	7.0	852	1,420	1,971
	5	5	5	7	22	1.5	1.5	1.5	2.1	13,200	3.9	22,000	6.4	26,400	7.7	924	1,540	2,206
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,800	8.4	1,026	1,710	2,480
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,800	8.4	1,026	1,710	2,480
	5	5	7	9	26	1.4	1.4	1.9	2.4	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,880	2,820
	5	7	7	7	26	1.4	1.9	1.9	1.9	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,880	2,820
	5	5	5	12	27	1.3	1.3	1.3	3.1	16,200	4.7	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	9	28	1.3	1.3	2.3	2.3	16,800	4.9	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	9	28	1.3	1.8	1.8	2.3	16,800	4.9	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	7	28	1.8	1.8	1.8	1.8	16,800	4.9	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	12	29	1.2	1.2	1.7	2.9	17,400	5.1	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	5	15	30	1.3	1.3	1.3	4.0	17,400	5.1	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	9	30	1.2	1.6	2.1	2.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	9	30	1.6	1.6	1.6	2.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	12	31	1.1	1.1	2.0	2.7	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	12	31	1.1	1.6	1.6	2.7	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	15	32	1.2	1.2	1.7	3.7	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	9	32	1.5	1.5	2.0	2.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	9	9	32	1.1	2.0	2.0	2.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	5	18	33	1.1	1.1	1.1	3.8	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	12	33	1.1	1.5	1.9	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	12	33	1.5	1.5	1.5	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	15	34	1.2	1.2	2.1	3.5	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	12	12	34	1.0	1.0	2.5	2.5	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	15	34	1.2	1.6	1.6	3.5	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	9	9	34	1.4	1.9	1.9	1.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	18	35	1.0	1.0	1.4	3.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	9	12	35	1.0	1.8	1.8	2.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	12	35	1.4	1.4	1.8	2.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	15	36	1.1	1.5	2.0	3.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	12	12	36	1.0	1.4	2.3	2.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	15	36	1.5	1.5	1.5	3.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	9	9	9	9	36	1.8	1.8	1.8	1.8	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	18	37	1.0	1.0	1.7	3.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	12	15	37	1.1	1.1	2.6	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	18	37	1.0	1.3	1.3	3.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	9	12	37	1.3	1.7	1.7	2.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	9	15	38	1.0	1.9	1.9	3.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	15	38	1.5	1.5	1.9	3.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	12	12	38	1.3	1.3	2.2	2.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	5	24	39	0.9	0.9	0.9	4.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	18	39	0.9	1.3	1.6	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	12	15	39	1.0	1.4	2.4	3.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	9	9	9	12	39	1.6	1.6	1.6	2.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	18	39	1.3	1.3	1.3	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	9	15	40	1.4	1.8	1.8	3.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	12	12	40	1.5	2.0	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	24	41	1.1	1.1	1.5	5.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	12	15	41	1.0	1.7	2.3	2.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	12	12	12	41	1.1	2.6	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	12	15	41	1.4	1.4	2.3	2.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	18	41	1.5	1.5	1.9	3.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010

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 41kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M27 U42

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.5	-	-	-	5,000	1.5	5,500	1.6	6,050	1.8	498	830	1,256
	7	-	-	-	7	2.1	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	510	850	1,256
	9	-	-	-	9	2.6	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	534	890	1,428
	12	-	-	-	12	3.5	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	582	970	1,628
	15	-	-	-	15	4.2	-	-	-	11,040	3.2	18,400	5.4	20,240	5.9	867	1,445	2,425
	18	-	-	-	18	5.3	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,152	1,920	2,094
	24	-	-	-	24	7.0	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,416	2,360	3,331
2Unit	5	5	-	-	10	1.5	1.5	-	-	7,200	2.1	12,000	3.5	13,800	4.0	720	1,200	1,228
	5	7	-	-	12	1.5	2.1	-	-	8,640	2.5	14,400	4.2	16,560	4.9	732	1,220	2,234
	5	9	-	-	14	1.5	2.6	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,104
	7	7	-	-	14	2.1	2.1	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,434
	7	9	-	-	16	2.1	2.6	-	-	11,520	3.4	19,200	5.6	22,080	6.5	834	1,390	2,104
	5	12	-	-	17	1.5	3.5	-	-	12,240	3.6	20,400	6.0	22,440	6.6	858	1,430	2,656
	9	9	-	-	18	2.6	2.6	-	-	12,960	3.8	21,600	6.3	24,840	7.3	1,104	1,840	2,846
	7	12	-	-	19	2.1	3.5	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,206	2,010	2,951
	5	15	-	-	20	1.8	5.3	-	-	14,400	4.2	24,000	7.0	26,400	7.8	1,281	2,135	3,135
	9	12	-	-	21	2.6	3.5	-	-	15,120	4.4	25,200	7.4	27,720	8.1	1,356	2,260	3,132
	7	15	-	-	22	2.4	5.1	-	-	15,180	4.4	25,300	7.4	27,830	8.1	1,440	2,400	3,326
	5	18	-	-	23	1.5	5.3	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,524	2,540	3,160
	9	15	-	-	24	3.2	5.3	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,608	2,680	3,334
	12	12	-	-	24	3.4	3.4	-	-	17,280	5.1	28,800	8.4	31,680	9.3	1,608	2,680	3,312
	7	18	-	-	25	2.0	5.1	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,656	2,760	3,474
	9	18	-	-	27	2.3	4.7	-	-	19,440	5.7	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	12	15	-	-	27	4.0	5.0	-	-	19,440	5.7	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	5	24	-	-	29	1.2	5.8	-	-	20,010	5.9	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	12	18	-	-	30	2.8	4.2	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	15	15	-	-	30	4.5	4.5	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	7	24	-	-	31	1.6	5.4	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	9	24	-	-	33	1.9	5.1	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	15	18	-	-	33	4.1	5.0	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	18	18	-	-	36	3.5	3.5	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	12	24	-	-	36	2.3	4.7	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	15	24	-	-	39	3.5	5.6	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
3Unit	5	5	5	-	15	1.5	1.5	1.5	-	10,800	3.2	18,000	5.3	20,160	5.9	870	1,450	1,551
	5	5	7	-	17	1.5	1.5	2.1	-	12,240	3.6	20,400	6.0	22,848	6.7	936	1,560	1,894
	5	5	9	-	19	1.5	1.5	2.6	-	13,680	4.0	22,800	6.7	25,536	7.5	966	1,610	2,303
	5	7	7	-	19	1.5	2.1	2.1	-	13,680	4.0	22,800	6.7	25,536	7.5	966	1,610	2,303
	5	7	9	-	21	1.5	2.1	2.6	-	15,120	4.4	25,200	7.4	28,224	8.3	1,026	1,710	2,789
	7	7	7	-	21	2.1	2.1	2.1	-	15,120	4.4	25,200	7.4	28,224	8.3	1,026	1,710	2,789
	5	5	12	-	22	1.5	1.5	3.5	-	15,840	4.6	26,400	7.7	29,568	8.7	1,050	1,750	2,960
	7	7	9	-	23	2.1	2.1	2.6	-	16,560	4.9	27,600	8.1	30,912	9.1	1,122	1,870	3,179
	5	9	9	-	23	1.5	2.6	2.6	-	16,560	4.9	27,600	8.1	30,912	9.1	1,122	1,870	3,179
	5	7	12	-	24	1.5	2.1	3.5	-	17,280	5.1	28,800	8.4	32,256	9.5	1,188	1,980	3,541
	5	5	15	-	25	1.8	1.8	5.3	-	18,000	5.3	30,000	8.8	33,600	9.9	1,224	2,040	3,648
	7	9	9	-	25	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	33,600	9.8	1,260	2,100	3,626
	5	9	12	-	26	1.5	2.6	3.5	-	18,720	5.5	30,000	8.8	33,600	9.8	1,326	2,210	3,626
	7	7	12	-	26	2.1	2.1	3.5	-	18,720	5.5	30,000	8.8	33,600	9.8	1,326	2,210	3,626
	5	7	15	-	27	1.7	2.4	5.0	-	19,344	5.7	31,000	9.1	34,720	10.1	1,377	2,295	3,765
	9	9	9	-	27	2.6	2.6	2.6	-	19,440	5.7	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	12	-	28	2.1	2.6	3.5	-	20,160	5.9	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	5	18	-	28	1.5	1.5	5.3	-	20,160	5.9	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	9	15	-	29	1.6	2.8	4.7	-	20,160	5.9	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	12	-	29	1.5	3.5	3.5	-	20,880	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	7	15	-	29	2.2	2.2	4.7	-	20,880	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	7	18	-	30	1.5	2.1	5.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	9	12	-	30	2.6	2.6	3.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	15	-	31	2.1	2.6	4.4	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	12	12	-	31	2.0	3.4	3.4	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	15	-	32	1.4	3.4	4.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	9	18	-	32	1.4	2.5	4.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	7	18	-	32	1.9	1.9	4.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	9	15	-	33	2.5	2.5	4.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	12	12	-	33	2.4	3.2	3.2	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	18	-	34	1.8	2.3	4.7	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	12	15	-	34	1.9	3.2	4.0	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	5	24	-	34	1.3	1.3	6.2	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	18	-	35	1.3	3.0	4.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	15	15	-	35	1.3	3.9	3.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	7	24	-	36	1.2	1.7	5.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	12	15	-	36	2.3	3.0	3.8	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	12	12	12	-	36	2.9	2.9	2.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	9	18	-	36	2.2	2.2	4.4	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	12	18	-	37	1.7	2.9	4.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	15	15	-	37	1.7	3.7	3.7	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	9	24	-	38	1.2	2.1	5.6	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	15	18	-	38	1.2	3.6	4.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	7	24	-	38	1.6	1.6	5.6	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	12	18	-	39	2.0	2.7	4.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	15	15	-	39	2.1	3.5	3.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	12	12	15	-	39	2.8	2.8	3.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	24	-	40	1.5	2.0	5.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	15	18	-	40	1.6	3.4	4.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	24	-	41	1.1	2.6	5.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	18	18	-	41	1.1	3.9	3.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	14,400	4.2	24,000	7.0	26,880	7.9	1,032	1,720	2,430
	5	5	5	7	22	1.5	1.5	1.5	2.1	15,840	4.6	26,400	7.7	29,568	8.7	1,104	1,840	2,880
	5	5	5	9	24	1.5	1.5	1.5	2.6	17,280	5.1	28,800	8.4	32,256	9.5	1,140	1,900	3,410
	5	5	7	7	24	1.5	1.5	2.1	2.1	17,280	5.1	28,800	8.4	32,256	9.5	1,140	1,900	3,410
	5	5	7	9	26	1.4	1.4	1.9	2.4	18,720	5.5	30,000	8.8	34,944	10.2	1,206	2,010	3,540
	5	7	7	7	26	1.4	1.9	1.9	1.9	18,720	5.5	30,000	8.8	34,944	10.2	1,206	2,010	3,540
	5	5	5	12	27	1.3	1.3	1.3	3.1	19,440	5.7	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	9	28	1.3	1.3	2.3	2.3	20,160	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	9	28	1.3	1.8	1.8	2.3	20,160	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	7	28	1.8	1.8	1.8	1.8	20,160	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	12	29	1.2	1.2	1.7	2.9	20,010	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	5	15	30	1.5	1.5	1.5	4.5	20,010	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	9	30	1.2	1.6	2.1	2.1	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	9	30	1.6	1.6	1.6	2.1	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	12	31	1.1	1.1	2.0	2.7	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	12	31	1.1	1.6	1.6	2.7	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	15	32	1.4	1.4	2.0	4.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	9	32	1.5	1.5	2.0	2.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	9	9	32	1.1	2.0	2.0	2.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	5	18	33	1.1	1.1	1.1	3.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	12	33	1.1	1.5	1.9	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	12	33	1.5	1.5	1.5	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	15	34	1.3	1.3	2.4	4.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	12	12	34	1.0	1.0	2.5	2.5	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	15	34	1.3	1.9	1.9	4.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	9	9	34	1.4	1.9	1.9	1.9	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	18	35	1.0	1.0	1.4	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	9	12	35	1.0	1.8	1.8	2.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	12	35	1.4	1.4	1.8	2.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	15	36	1.3	1.8	2.3	3.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	12	12	36	1.0	1.4	2.3	2.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	15	36	1.8	1.8	1.8	3.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	9	9	9	9	36	1.8	1.8	1.8	1.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	18	37	1.0	1.0	1.7	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	12	15	37	1.2	1.2	2.9	3.7	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	18	37	1.0	1.3	1.3	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	9	12	37	1.3	1.7	1.7	2.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	9	15	38	1.2	2.2	2.2	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	15	38	1.7	1.7	2.2	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	12	12	38	1.3	1.3	2.2	2.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	5	24	39	0.9	0.9	0.9	4.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	18	39	0.9	1.3	1.6	3.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	12	15	39	1.2	1.6	2.8	3.5	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	9	9	9	12	39	1.6	1.6	1.6	2.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	18	39	1.3	1.3	1.3	3.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	9	15	40	1.6	2.0	2.0	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	12	12	40	1.5	2.0	2.6	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	24	41	1.1	1.1	1.5	5.1	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	12	15	41	1.1	2.0	2.7	3.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	12	12	12	41	1.1	2.6	2.6	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	12	15	41	1.6	1.6	2.7	3.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	18	41	1.5	1.5	1.9	3.9	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600

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 41kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU5M30 U42

Operation	Combination (kBtu/h)						Cooling												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.5	-	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	444	740	1,029
	7	-	-	-	-	7	2.1	-	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	444	740	1,029
	9	-	-	-	-	9	2.6	-	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	540	900	1,167
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	660	1,100	1,294
	15	-	-	-	-	15	4.2	-	-	-	-	8,520	2.5	14,200	4.2	15,620	4.7	840	1,400	1,647
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,020	1,700	2,225
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,470	2,450	3,088
2Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	396	660	794
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	13,800	4.1	408	680	843
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	18,400	5.4	636	1,060	1,294
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	18,700	5.5	720	1,200	1,451
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	810	1,350	1,676
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.4	19,000	5.6	20,900	6.1	924	1,540	1,843
	5	15	-	-	-	20	1.5	4.4	-	-	-	12,000	3.6	20,000	5.9	22,000	6.4	1,026	1,710	2,046
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,128	1,880	2,441
	7	15	-	-	-	22	2.1	4.4	-	-	-	13,200	3.8	22,000	6.4	24,200	7.1	1,251	2,085	2,707
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,374	2,290	2,854
	9	15	-	-	-	24	2.6	4.4	-	-	-	14,400	4.2	24,000	7.0	27,600	8.1	1,392	2,320	2,891
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,410	2,350	3,147
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,542	2,570	3,304
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	15	-	-	-	27	3.5	4.4	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,821	3,035	3,689
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	31,900	9.4	1,872	3,120	3,667
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	15	15	-	-	-	30	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	7	24	-	-	-	31	2.0	6.8	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	9	24	-	-	-	33	2.4	6.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	15	18	-	-	-	33	4.4	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	18	18	-	-	-	36	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	12	24	-	-	-	36	2.9	5.9	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	15	24	-	-	-	39	3.4	5.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	18	24	-	-	-	42	3.8	5.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	24	24	-	-	-	48	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
3Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	17,250	5.1	396	660	898
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	19,550	5.7	432	720	979
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.4	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.4	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	5	5	12	-	-	22	1.5	1.5	3.5	-	-	13,200	3.9	22,000	6.5	25,300	7.4	828	1,380	1,696
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.1	23,000	6.8	26,450	7.8	912	1,520	1,814
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.1	23,000	6.8	26,450	7.8	912	1,520	1,814
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.1	27,600	8.1	990	1,650	1,971
	5	5	15	-	-	25	1.5	1.5	4.4	-	-	15,000	4.3	25,000	7.3	28,750	8.4	1,035	1,725	2,061
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,080	1,800	2,167
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	5	7	15	-	-	27	1.5	2.1	4.4	-	-	16,200	4.8	27,000	7.9	31,050	9.2	1,212	2,020	2,606
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,338	2,230	2,794
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,338	2,230	2,794
	5	9	15	-	-	29	1.5	2.6	4.4	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,452	2,420	2,922
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,452	2,420	2,922
	7	7	15	-	-	29	2.1	2.1	4.4	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,452	2,420	2,922
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	9	15	-	-	31	2.0	2.6	4.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	12	-	-	31	2.0	3.4	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	12	15	-	-	32	1.4	3.3	4.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	9	18	-	-	32	1.4	2.5	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	7	18	-	-	32	1.9	1.9	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	15	-	-	33	2.4	2.4	4.0	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	12	-	-	33	2.4	3.2	3.2	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	9	18	-	-	34	1.8	2.3	4.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	15	-	-	34	1.8	3.1	3.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	5	24	-	-	34	1.3	1.3	6.2	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	12	18	-	-	35	1.3	3.0	4.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	15	15	-	-	35	1.3	3.8	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	7	24	-	-	36	1.2	1.7	5.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	15	-	-	36	2.2	2.9	3.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	12	-	-	36	2.9	2.9	2.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	18	-	-	36	2.2	2.2	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	18	-	-	37	1.7	2.9	4.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	15	15	-	-	37	1.7	3.6	3.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	9	24	-	-	38	1.2	2.1	5.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	15	18	-	-	38	1.2	3.5	4.2	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	7	24	-	-	38	1.6	1.6	5.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	18	-	-	39	2.0	2.7	4.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	15	15	-	-	39	2.0	3.4	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	15	-	-	39	2.7	2.7	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	9	24	-	-	40	1.5	2.0	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	15	18	-	-	40	1.5	3.3	4.0	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	12	24	-	-	41	1.1	2.6	5.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	18	18	-	-	41	1.1	3.9	3.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	18	-	-	42	2.5	2.5	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	24	-	-	42	1.9	1.9	5.0	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	15	18	-	-	42	1.9	3.1	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	15	15	-	-	42	2.5	3.1	3.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206

Operation	Combination (kBtu/h)						Cooling												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
3Unit	7	18	18	-	-	43	1.4	3.7	3.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	24	-	-	43	1.4	2.5	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	15	24	-	-	44	1.0	3.0	4.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	18	18	-	-	45	1.8	3.5	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	24	-	-	45	1.8	2.3	4.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	15	18	-	-	45	2.3	2.9	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	15	15	15	-	-	45	2.9	2.9	2.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	15	24	-	-	46	1.3	2.9	4.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	18	24	-	-	47	0.9	3.4	4.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	15	24	-	-	48	1.6	2.7	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	18	18	-	-	48	2.2	3.3	3.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	24	-	-	48	2.2	2.2	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	15	15	18	-	-	48	2.7	2.7	3.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
4Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	24,000	7.1	852	1,420	1,971
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.5	26,400	7.8	924	1,540	2,206
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.1	28,800	8.5	1,026	1,710	2,480
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.1	28,800	8.5	1,026	1,710	2,480
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	31,200	9.2	1,128	1,880	2,765
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	31,200	9.2	1,128	1,880	2,765
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.8	27,000	7.9	32,400	9.5	1,170	1,950	2,951
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	33,600	9.9	1,224	2,040	3,010
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	33,600	9.9	1,224	2,040	3,010
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	33,600	9.9	1,224	2,040	3,137
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	34,800	10.2	1,278	2,130	3,294
	5	5	5	15	-	30	1.5	1.5	1.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,314	2,190	3,387
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	9	12	-	31	1.4	1.4	2.6	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	7	12	-	31	1.4	2.0	2.0	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	7	15	-	32	1.4	1.4	1.9	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	9	-	32	1.9	1.9	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	9	9	-	32	1.4	2.5	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	5	18	-	33	1.3	1.3	1.3	4.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	9	12	-	33	1.3	1.9	2.4	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	12	-	33	1.9	1.9	1.9	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	9	15	-	34	1.3	1.3	2.3	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	12	12	-	34	1.3	1.3	3.1	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	7	15	-	34	1.3	1.8	1.8	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	9	-	34	1.8	2.3	2.3	2.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	7	18	-	35	1.3	1.3	1.8	4.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	9	12	-	35	1.3	2.3	2.3	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	12	-	35	1.8	1.8	2.3	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	9	15	-	36	1.2	1.7	2.2	3.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	12	12	-	36	1.2	1.7	2.9	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	15	-	36	1.7	1.7	1.7	3.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	9	9	-	36	2.2	2.2	2.2	2.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	9	18	-	37	1.2	1.2	2.1	4.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	12	15	-	37	1.2	1.2	2.9	3.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	7	18	-	37	1.2	1.7	1.7	4.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	12	-	37	1.7	2.1	2.1	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	9	15	-	38	1.2	2.1	2.1	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	15	-	38	1.6	1.6	2.1	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	12	12	-	38	1.6	1.6	2.8	2.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	5	24	-	39	1.1	1.1	1.1	5.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	9	18	-	39	1.1	1.6	2.0	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	12	15	-	39	1.1	1.6	2.7	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	9	12	-	39	2.0	2.0	2.0	2.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	18	-	39	1.6	1.6	1.6	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	15	-	40	1.5	2.0	2.0	3.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	12	12	-	40	1.5	2.0	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	7	24	-	41	1.1	1.1	1.5	5.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	12	15	-	41	1.1	1.9	2.6	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	12	12	12	-	41	1.1	2.6	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	18	-	41	1.5	1.5	1.9	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	12	15	-	41	1.5	1.5	2.6	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	15	15	-	42	1.0	1.5	3.1	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350

COMBINATION TABLE

MU5M30 U42

Operation	Combination (kBtu/h)						Cooling												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5Unit	5	5	5	5	5	25	1.5	1.5	1.5	1.5	1.5	15,000	4.4	25,000	7.4	30,000	8.8	1,092	1,820	2,768
	5	5	5	5	7	27	1.5	1.5	1.5	1.5	2.1	16,200	4.8	27,000	7.9	32,400	9.5	1,182	1,970	3,100
	5	5	5	5	9	29	1.5	1.5	1.5	1.5	2.6	17,400	5.1	29,000	8.5	34,800	10.2	1,248	2,080	3,240
	5	5	5	7	7	29	1.5	1.5	1.5	2.1	2.1	17,400	5.1	29,000	8.5	34,800	10.2	1,248	2,080	3,240
	5	5	5	7	9	31	1.4	1.4	1.4	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	7	31	1.4	1.4	2.0	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	12	32	1.4	1.4	1.4	1.4	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	9	33	1.3	1.3	1.3	2.4	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	9	33	1.3	1.3	1.9	1.9	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	7	33	1.3	1.9	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	12	34	1.3	1.3	1.3	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	15	35	1.3	1.3	1.3	1.3	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	9	35	1.3	1.8	1.8	1.8	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	7	35	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	12	36	1.2	1.2	1.2	2.2	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	12	36	1.2	1.2	1.7	1.7	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	15	37	1.2	1.2	1.2	1.7	3.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	9	37	1.2	1.2	2.1	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	9	37	1.2	1.7	1.7	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	9	37	1.7	1.7	1.7	1.7	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	18	38	1.2	1.2	1.2	1.2	4.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	12	38	1.2	1.6	1.6	1.6	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	15	39	1.1	1.1	1.1	2.0	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	12	12	39	1.1	1.1	1.1	2.7	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	15	39	1.1	1.1	1.6	1.6	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	9	39	1.6	1.6	1.6	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	9	39	1.1	1.6	2.0	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	18	40	1.1	1.1	1.1	1.5	4.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	12	40	1.1	1.1	2.0	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	12	40	1.1	1.5	1.5	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	12	40	1.5	1.5	1.5	1.5	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	9	15	41	1.1	1.1	1.5	1.9	3.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	15	41	1.1	1.5	1.5	1.5	3.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	9	9	41	1.1	1.9	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	9	9	41	1.5	1.5	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	18	42	1.0	1.0	1.0	1.9	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	12	15	42	1.0	1.0	1.0	2.5	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	18	42	1.0	1.0	1.5	1.5	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	12	42	1.0	1.5	1.9	1.9	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	12	42	1.5	1.5	1.5	1.9	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	15	43	1.0	1.0	1.8	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	15	43	1.0	1.4	1.4	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	12	12	43	1.0	1.4	1.4	2.5	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	15	43	1.4	1.4	1.4	1.4	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	9	9	9	9	43	1.4	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	15	43	1.4	1.4	1.4	1.4	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	12	15	44	1.0	1.0	1.4	2.4	3.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	24	44	1.0	1.0	1.0	1.0	4.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	18	44	1.0	1.4	1.4	1.4	3.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	9	12	44	1.0	1.8	1.8	1.8	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	9	12	44	1.4	1.4	1.8	1.8	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	12	18	45	1.0	1.0	1.0	2.3	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	15	15	45	1.0	1.0	1.0	2.9	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	15	45	1.0	1.4	1.8	1.8	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	12	12	45	1.0	1.4	1.8	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	15	45	1.4	1.4	1.4	1.8	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	12	12	45	1.4	1.4	1.4	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	9	9	9	9	9	45	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	24	46	1.0	1.0	1.0	1.3	4.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	18	46	1.0	1.0	1.7	1.7	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	12	15	46	1.0	1.0	1.7	2.3	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	12	12	12	46	1.0	1.0	2.3	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	18	46	1.0	1.3	1.3	1.7	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	12	15	46	1.0	1.3	1.3	2.3	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	18	46	1.3	1.3	1.3	1.3	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	9	9	9	12	46	1.3	1.7	1.7	1.7	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	15	15	47	0.9	0.9	1.3	2.8	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	9	15	47	0.9	1.7	1.7	1.7	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	12	12	47	0.9	1.7	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	9	15	47	1.3	1.3	1.7	1.7	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	12	12	47	1.3	1.3	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	24	48	0.9	0.9	0.9	1.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	18	15	48	0.9	0.9	0.9	3.3	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	24	48	0.9	0.9	1.3	1.3	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	18	48	0.9	1.3	1.6	1.6	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	12	15	48	0.9	1.3	1.6	2.2	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	12	12	12	48	0.9	1.3	2.2	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	12	15	48	1.3	1.3	1.3	2.2	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	9	9	9	9	12	48	1.6	1.6	1.6	1.6	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	18	48	1.3	1.3	1.3	1.6	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380

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 48kBtu/h / 4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)						Heating												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.6	-	-	-	-	5,000	1.5	5,500	1.6	6,050	1.8	498	830	1,294
	7	-	-	-	-	7	2.3	-	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	510	850	1,294
	9	-	-	-	-	9	2.9	-	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	534	890	1,471
	12	-	-	-	-	12	3.9	-	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	582	970	1,676
	15	-	-	-	-	15	4.2	-	-	-	-	11,040	2.5	18,400	4.2	20,240	4.6	867	1,445	2,497
	18	-	-	-	-	18	5.8	-	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,152	1,920	2,157
	24	-	-	-	-	24	7.4	-	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,416	2,360	3,431
2Unit	5	5	-	-	-	10	1.8	1.8	-	-	-	7,200	2.1	12,000	3.5	13,800	4.0	720	1,200	1,265
	5	7	-	-	-	12	1.8	2.5	-	-	-	8,640	2.5	14,400	4.2	16,560	4.9	732	1,220	2,301
	5	9	-	-	-	14	1.8	3.2	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,167
	7	7	-	-	-	14	2.5	2.5	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,507
	7	9	-	-	-	16	2.5	3.2	-	-	-	11,520	3.4	19,200	5.6	22,080	6.5	834	1,390	2,167
	5	12	-	-	-	17	1.8	4.2	-	-	-	12,240	3.6	20,400	6.0	22,440	6.6	858	1,430	2,735
	9	9	-	-	-	18	3.2	3.2	-	-	-	12,960	3.8	21,600	6.3	24,840	7.3	1,104	1,840	2,931
	7	12	-	-	-	19	2.5	4.2	-	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,206	2,010	3,039
	5	15	-	-	-	20	1.8	5.3	-	-	-	14,400	4.2	24,000	7.0	26,400	7.8	1,281	2,135	3,228
	9	12	-	-	-	21	3.2	4.2	-	-	-	15,120	4.4	25,200	7.4	27,720	8.1	1,356	2,260	3,225
	7	15	-	-	-	22	2.5	5.3	-	-	-	15,840	4.6	26,400	7.7	29,040	8.5	1,440	2,400	3,425
	5	18	-	-	-	23	1.8	6.3	-	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,524	2,540	3,255
	9	15	-	-	-	24	3.2	5.3	-	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,566	2,610	3,345
	12	12	-	-	-	24	4.2	4.2	-	-	-	17,280	5.1	28,800	8.4	33,120	9.3	1,608	2,680	3,412
	7	18	-	-	-	25	2.5	6.3	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,656	2,760	3,578
	9	18	-	-	-	27	3.2	6.3	-	-	-	19,440	5.7	32,400	9.5	37,260	10.9	1,728	2,880	3,627
	12	15	-	-	-	27	4.2	5.3	-	-	-	19,440	5.7	32,400	9.5	37,260	10.9	1,728	2,880	3,627
	5	24	-	-	-	29	1.7	8.1	-	-	-	20,010	5.9	33,350	9.8	36,685	10.8	1,728	2,880	3,627
	12	18	-	-	-	30	4.0	6.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	15	15	-	-	-	30	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	7	24	-	-	-	31	2.3	7.8	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	9	24	-	-	-	33	2.8	7.4	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	15	18	-	-	-	33	4.6	5.5	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	18	18	-	-	-	36	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,728	2,880	3,627
	12	24	-	-	-	36	3.4	6.7	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	15	24	-	-	-	39	3.9	6.2	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	18	24	-	-	-	42	4.3	5.8	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	24	24	-	-	-	48	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
3Unit	5	5	5	-	-	15	1.8	1.8	1.8	-	-	10,800	3.2	18,000	5.3	20,700	6.1	870	1,450	1,598
	5	5	7	-	-	17	1.8	1.8	2.5	-	-	12,240	3.6	20,400	6.0	23,460	6.9	936	1,560	1,951
	5	5	9	-	-	19	1.8	1.8	3.2	-	-	13,680	4.0	22,800	6.7	26,220	7.7	966	1,610	2,373
	5	7	7	-	-	19	1.8	2.5	2.5	-	-	13,680	4.0	22,800	6.7	26,220	7.7	966	1,610	2,373
	5	7	9	-	-	21	1.8	2.5	3.2	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,026	1,710	2,873
	7	7	7	-	-	21	2.5	2.5	2.5	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,026	1,710	2,873
	5	5	12	-	-	22	1.8	1.8	4.2	-	-	15,840	4.6	26,400	7.7	30,360	8.9	1,050	1,750	3,049
	7	7	9	-	-	23	2.5	2.5	3.2	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,122	1,870	3,275
	5	9	9	-	-	23	1.8	3.2	3.2	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,122	1,870	3,275
	5	7	12	-	-	24	1.8	2.5	4.2	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,188	1,980	3,647
	5	5	15	-	-	25	1.8	1.8	5.3	-	-	18,000	5.3	30,000	8.8	34,500	10.2	1,224	2,040	3,758
	7	9	9	-	-	25	2.5	3.2	3.2	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,260	2,100	3,735
	5	9	12	-	-	26	1.8	3.2	4.2	-	-	18,720	5.5	31,200	9.1	35,880	10.5	1,326	2,210	3,735
	7	7	12	-	-	26	2.5	2.5	4.2	-	-	18,720	5.5	31,200	9.1	35,880	10.5	1,326	2,210	3,735
	5	7	15	-	-	27	1.8	2.5	5.3	-	-	19,440	5.7	32,400	9.5	37,260	11.0	1,377	2,295	3,879
	9	9	9	-	-	27	3.2	3.2	3.2	-	-	19,440	5.7	32,400	9.5	37,260	10.9	1,428	2,380	3,775
	7	9	12	-	-	28	2.5	3.2	4.2	-	-	20,160	5.9	33,600	9.8	38,640	11.3	1,524	2,540	3,775
	5	5	18	-	-	28	1.8	1.8	6.3	-	-	20,160	5.9	33,600	9.8	38,640	11.3	1,524	2,540	3,775
	5	9	15	-	-	29	1.8	3.2	5.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	12	12	-	-	29	1.8	4.2	4.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	7	15	-	-	29	2.5	2.5	5.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	7	18	-	-	30	1.7	2.4	6.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	9	12	-	-	30	3.0	3.0	4.0	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	9	15	-	-	31	2.3	2.9	4.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	12	12	-	-	31	2.3	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	12	15	-	-	32	1.6	3.8	4.7	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	9	18	-	-	32	1.6	2.8	5.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	7	7	18	-	-	32	2.2	2.2	5.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	9	9	15	-	-	33	2.8	2.8	4.6	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	9	12	12	-	-	33	2.8	3.7	3.7	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	9	18	-	-	34	2.1	2.7	5.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	7	12	15	-	-	34	2.1	3.6	4.5	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	5	5	24	-	-	34	1.5	1.5	7.1	-	-	20,700	6.

COMBINATION TABLE

MU5M30 U42

Operation	Combination (kBtu/h)						Heating												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
3Unit	7	18	18	-	-	43	1.6	4.2	4.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	12	24	-	-	43	1.6	2.8	5.6	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	15	24	-	-	44	1.1	3.4	5.5	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	18	18	-	-	45	2.0	4.0	4.0	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	12	24	-	-	45	2.0	2.7	5.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	15	18	-	-	45	2.7	3.4	4.0	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	15	15	15	-	-	45	3.4	3.4	3.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	15	24	-	-	46	1.5	3.3	5.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	18	24	-	-	47	1.1	3.9	5.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	18	24	-	-	47	1.1	3.9	5.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	15	24	-	-	48	1.9	3.2	5.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	18	18	-	-	48	2.5	3.8	3.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	12	24	-	-	48	2.5	2.5	5.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	15	15	18	-	-	48	3.2	3.2	3.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	5	5	5	-	20	1.8	1.8	1.8	1.8	-	14,400	4.2	24,000	7.0	28,800	8.4	1,032	1,720	2,382
	5	5	5	7	-	22	1.8	1.8	1.8	2.5	-	15,840	4.6	26,400	7.7	31,680	9.3	1,104	1,840	2,824
	5	5	5	9	-	24	1.8	1.8	1.8	3.2	-	17,280	5.1	28,800	8.4	34,560	10.1	1,140	1,900	3,343
	5	5	7	7	-	24	1.8	1.8	2.5	2.5	-	17,280	5.1	28,800	8.4	34,560	10.1	1,140	1,900	3,343
	5	5	7	9	-	26	1.8	1.8	2.5	3.2	-	18,720	5.5	31,200	9.1	37,440	11.0	1,224	2,040	3,647
	5	7	7	7	-	26	1.8	2.5	2.5	2.5	-	18,720	5.5	31,200	9.1	37,440	11.0	1,236	2,060	3,647
	5	5	5	12	-	27	1.8	1.8	1.8	4.2	-	19,440	5.7	32,400	9.5	38,880	11.4	1,260	2,100	3,706
	5	5	9	9	-	28	1.8	1.8	3.2	3.2	-	20,160	5.9	33,600	9.8	40,320	11.8	1,356	2,260	3,706
	5	7	7	9	-	28	1.8	2.5	2.5	3.2	-	20,160	5.9	33,600	9.8	40,320	11.8	1,356	2,260	3,706
	7	7	7	7	-	28	2.5	2.5	2.5	2.5	-	20,160	5.9	33,600	9.8	40,320	11.8	1,356	2,260	3,745
	5	5	7	12	-	29	1.7	1.7	2.4	4.0	-	20,160	5.9	33,350	9.8	40,020	11.7	1,392	2,320	3,745
	5	5	5	15	-	30	1.7	1.7	1.7	5.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,437	2,395	3,775
	5	7	9	9	-	30	1.7	2.4	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	9	-	30	2.4	2.4	2.4	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	9	12	-	31	1.6	1.6	2.9	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	7	12	-	31	1.6	2.3	2.3	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	7	15	-	32	1.6	1.6	2.2	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	9	-	32	2.2	2.2	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	9	9	-	32	1.6	2.8	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	5	18	-	33	1.5	1.5	1.5	5.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	12	-	33	1.5	2.1	2.8	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	12	-	33	2.1	2.1	2.1	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	9	15	-	34	1.5	1.5	2.7	4.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	12	12	-	34	1.5	1.5	3.6	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	7	15	-	34	1.5	2.1	2.1	4.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	9	-	34	2.1	2.7	2.7	2.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	7	18	-	35	1.4	1.4	2.0	5.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	9	12	-	35	1.4	2.6	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	12	-	35	2.0	2.0	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	15	-	36	1.4	2.0	2.5	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	12	12	-	36	1.4	2.0	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	15	-	36	2.0	2.0	2.0	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	12	-	35	2.0	2.0	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	15	-	36	1.4	2.0	2.5	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	12	12	-	36	1.4	2.0	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
4Unit	7	7	9	12	-	35	2.0	2.0	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	15	-	36	1.4	2.0	2.5	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	12	12	-	36	1.4	2.0	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	15	-	36	2.0	2.0	2.0	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	9	-	36	2.5	2.5	2.5	2.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	9	18	-	37	1.4	1.4	2.5	4.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	12	15	-	37	1.4	1.4	3.3	4.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	7	18	-	37	1.4	1.9	1.9	4.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	12	-	37	1.9	2.5	2.5	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	9	15	-	38	1.3	2.4	2.4	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	15	-	38	1.9	1.9	2.4	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	12	12	-	38	1.9	1.9	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	5	24	-	39	1.3	1.3	1.3	6.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	18	-	39	1.3	1.8	2.3	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	12	15	-	39	1.3	1.8	3.1	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	12	-	39	2.3	2.3	2.3	3.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	18	-	39	1.8	1.8	1.8	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	15	-	40	1.8	2.3	2.3	3.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	12	12	-	40	1.8	2.3	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	7	24	-	41	1.2	1.2	1.7	5.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	12	15	-	41	1.2	2.2	3.0	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	12	12	12	-	41	1.2	3.0	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	18	-	41	1.7	1.7	2.2	4.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	12	15	-	41	1.7	1.7	3.0	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	15	15	-	42	1.2	1.7	3.6	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	15	-	42	2.2	2.2	2.2	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	12	12	-	42	2.2	2.2	2.9	2.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	12	15	-	43	1.6	2.1	2.8	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	12	12	12	-	43	1.6	2.8	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	18	-	43	1.6	2.1	2.1	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	15	15	-	44	1.1	2.1	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	12	18	-	44	1.6	1.6	2.8	4.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	15	15	-	44	1.6	1.6	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	18	15	-	45	1.1	1.6	4.0	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	12	15	-	45	2.0	2.0	2.7	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	12	12	12	-	45	2.0	2.7	2.7	2.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	18	-	45	2.0	2.0	2.0	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	24	-	45	1.6	1.6	1.6	5.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	12	18	-	46	1.5	2.0	2.6	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	15	15	-	46	1.5	2.0	3.3	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	12	12	15	-	46	1.5	2.6	2.6	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	12	12	18	-	47	1.1	2.6	2.6	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	24	-	47	1.5	1.5	1.9	5.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	15	18	-	47	1.5	1.5	3.2	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	15	18	-	47	1.1	1.9	3.2	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	12	15	15	-	47	1.1	2.6	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	15	15	-	48	1.9	1.9	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	12	12	12	12	-	48	2.5	2.5	2.5	2.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	12	18	-	48	1.9	1.9	2.5	3.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775

Operation	Combination (kBtu/h)						Heating												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5Unit	5	5	5	5	5	25	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,182	1,970	3,343
	5	5	5	5	7	27	1.8	1.8	1.8	1.8	2.5	19,440	5.7	32,400	9.5	38,880	11.4	1,248	2,080	3,471
	5	5	5	5	9	29	1.7	1.7	1.7	1.7	3.0	20,010	5.9	33,350	9.8	40,020	11.7	1,272	2,120	3,640
	5	5	5	7	7	29	1.7	1.7	1.7	2.4	2.4	20,010	5.9	33,350	9.8	40,020	11.7	1,272	2,120	3,640
	5	5	5	7	9	31	1.6	1.6	1.6	2.3	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	7	31	1.6	1.6	2.3	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	9	33	1.5	1.5	1.5	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	15	35	1.4	1.4	1.4	1.4	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	9	35	1.4	2.0	2.0	2.0	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	7	35	2.0	2.0	2.0	2.0	2.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	12	36	1.4	1.4	1.4	2.5	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	12	36	1.4	1.4	2.0	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	15	37	1.4	1.4	1.4	1.9	4.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	9	37	1.4	1.4	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	9	37	1.4	1.9	1.9	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	9	37	1.9	1.9	1.9	1.9	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	18	38	1.3	1.3	1.3	1.3	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	12	38	1.3	1.9	1.9	1.9	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	15	39	1.3	1.3	1.3	2.3	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	12	12	39	1.3	1.3	1.3	3.1	3.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	15	39	1.3	1.3	1.8	1.8	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	9	39	1.8	1.8	1.8	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	9	39	1.3	1.8	2.3	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	18	40	1.3	1.3	1.3	1.8	4.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	12	40	1.3	1.3	2.3	2.3	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	12	40	1.3	1.8	1.8	2.3	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	12	40	1.8	1.8	1.8	1.8	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	9	15	41	1.2	1.2	1.7	2.2	3.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	15	41	1.2	1.7	1.7	1.7	3.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	9	9	9	9	41	1.2	2.2	2.2	2.2	2.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	9	9	9	41	1.7	1.7	2.2	2.2	2.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	18	42	1.2	1.2	1.2	2.2	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	12	15	42	1.2	1.2	1.2	2.9	3.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	18	42	1.2	1.2	1.7	1.7	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	12	42	1.2	1.7	2.2	2.2	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	12	42	1.7	1.7	1.7	2.2	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	15	43	1.2	1.2	2.1	2.1	3.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	15	43	1.2	1.6	1.6	2.1	3.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	12	12	43	1.2	1.6	1.6	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	12	43	1.2	1.6	2.0	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	12	12	43	1.2	1.6	2.0	2.7	2.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	15	43	1.6	1.6	1.6	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	12	12	43	1.6	1.6	1.6	2.7	2.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Cooling												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.5	-	-	-	-	3,000	0.9	5,000	1.5	6,000	1.8	780	1,120	1,703
	7	-	-	-	-	7	2.1	-	-	-	-	4,200	1.2	7,000	2.1	8,400	2.5	780	1,120	1,703
	9	-	-	-	-	9	2.6	-	-	-	-	5,400	1.6	9,000	2.6	10,800	3.2	780	1,120	1,703
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	780	1,120	1,703
	15	-	-	-	-	15	4.2	-	-	-	-	8,520	2.5	14,200	4.2	17,040	5.0	829	1,190	1,809
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
2Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	12,000	3.5	780	1,120	1,703
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	780	1,120	1,703
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	780	1,120	1,703
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	780	1,120	1,703
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	19,200	5.6	780	1,120	1,703
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	20,400	6.0	780	1,190	1,809
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	15	-	-	-	20	1.5	4.4	-	-	-	12,000	3.5	20,000	5.9	24,000	7.0	868	1,400	2,128
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	7	15	-	-	-	22	2.1	4.4	-	-	-	13,200	3.8	22,000	6.4	26,400	7.7	954	1,540	2,341
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	9	15	-	-	-	24	2.6	4.4	-	-	-	14,400	4.2	24,000	7.0	28,800	8.5	1,020	1,645	2,500
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	12	15	-	-	-	27	3.5	4.4	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,215	1,960	2,979
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	15	15	-	-	-	30	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,324	2,135	3,245
	7	24	-	-	-	31	2.1	7.0	-	-	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	9	24	-	-	-	33	2.6	7.0	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	15	18	-	-	-	33	4.4	5.3	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,497	2,415	3,672
	18	18	-	-	-	36	5.3	5.3	-	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	12	24	-	-	-	36	3.5	7.0	-	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	15	24	-	-	-	39	3.7	6.0	-	-	-	19,800	5.7	33,000	9.7	39,600	11.6	1,627	2,625	3,991
	18	24	-	-	-	42	5.0	6.7	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	1,693	2,730	4,150
	24	24	-	-	-	48	5.9	5.9	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	1,693	2,730	4,150
3Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	18,000	5.3	780	1,120	1,703
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	20,400	6.0	780	1,190	1,809
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	5	5	12	-	-	22	1.5	1.5	3.7	-	-	13,800	4.0	23,000	6.7	27,600	8.1	952	1,540	2,341
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	15	-	-	25	1.5	1.5	4.4	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,064	1,715	2,607
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	7	15	-	-	27	1.5	2.1	4.4	-	-	16,200	4.8	27,000	7.9	32,400	9.5	1,150	1,855	2,820
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	9	15	-	-	29	1.5	2.6	4.4	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,237	1,995	3,032
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	7	7	15	-	-	29	2.1	2.1	4.4	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,281	2,065	3,139
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	7	9	15	-	-	31	2.0	2.6	4.3	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,324	2,135	3,245
	7	12	12	-	-	31	2.1	3.5	3.5	-	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	12	15	-	-	32	1.5	3.5	4.4	-	-	19,200	5.6	32,000	9.4	38,400	11.2	1,367	2,205	3,352
	5	9	18	-	-	32	1.5	2.6	5.3	-	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	7	7	18	-	-	32	2.1	2.1	5.3	-	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	9	9	15	-	-	33	2.6	2.6	4.4	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,411	2,275	3,458
	9	12	12	-	-	33	2.6	3.5	3.5	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	7	9	18	-	-	34	2.1	2.6	5.3	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	7	12	15	-	-	34	2.1	3.5	4.4	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	24	-	-	34	1.5	1.5	7.0	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	12	18	-	-	35	1.5	3.5	5.3	-	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	15	15	-	-	35	1.5	4.4	4.4	-	-	21,000	6.2	35,000	10.3	42,000	12.3	1,541	2,485	3,777
	5	7	24	-	-	36	1.5	2.1	7.0	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	9	12	15	-	-	36	2.6	3.5	4.4	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	12	12	12	-	-	36	3.5	3.5	3.5	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	9	9	18	-	-	36	2.6	2.6	5.3	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	7	12	18	-	-	37	2.1	3.5	5.3	-	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	15	15	-	-	37	2.1	4.4	4.4	-	-	22,200	6.5	37,000	10.8	44,400	13.1	1,628	2,625	3,990
	5	9	24	-	-	38	1.5	2.6	7.0	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	15	18	-	-	38	1.5	4.4	5.3	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	7	7	24	-	-	38	2.1	2.1	7.0	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	9	12	18	-	-	39	2.6	3.4	5.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	15	-	-	39	2.6	4.3	4.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	15	-	-	39	3.4	3.4	4.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	24	-	-	40	2.0	2.5	6.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	18	-	-	40	2.0	4.2	5.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	24	-	-	41	1.4	3.3	6.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	18	18	-	-	41	1.4	4.9	4.9	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	18	-	-	42	3.2	3.2	4.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	24	-	-	42	2.4	2.4	6.4	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	18	-	-	42	2.4	4.0	4.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	15	15	-	-	42	3.2	4.0	4.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	18	18	-	-	43	1.8	4.7	4.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	24	-	-	43	1.8	3.1	6.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	15	24	-	-	44	1.3	3.8	6.1	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	18	18	-	-	45	2.2	4.5	4.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	24	-	-	45	2.2	3.0	6.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	15	18	-	-	45	3.0	3.7	4.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	15	15	-	-	45	3.7	3.7	3.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	24	-	-	46	1.7	3.7	5.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	18	24	-	-	47	1.2	4.3	5.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	24	-	-	48	2.1	3.5	5.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	18	18	-	-	48	2.8	4.2	4.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	24	-	-	48	2.8	2.8	5.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	15	18	-	-	48	3.5	3.5	4.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	18	24	-	-	49	1.6	4.1	5.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	18	24	-	-	51	2.0	4.0	5.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	18	18	-	-	51	3.3	4.0	4.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150

Operation	Combination (kBtu/h)						Cooling												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	24,000	7.0	868	1,400	2,128
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.4	26,400	7.7	955	1,540	2,341
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	15	-	30	1.5	1.5	1.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,281	2,065	3,192
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	5	5	9	12	-	31	1.5	1.5	2.6	3.5	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	7	7	12	-	31	1.5	2.1	2.1	3.5	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	7	15	-	32	1.5	1.5	2.1	4.4	-	19,200	5.6	32,000	9.4	38,400	11.2	1,367	2,205	3,352
	7	7	9	9	-	32	2.1	2.1	2.6	2.6	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	9	9	9	-	32	1.5	2.6	2.6	2.6	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	5	5	18	-	33	1.5	1.5	1.5	5.3	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	7	9	12	-	33	1.5	2.1	2.6	3.5	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	7	7	7	12	-	33	2.1	2.1	2.1	3.5	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	9	15	-	34	1.5	1.5	2.6	4.4	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	12	12	-	34	1.5	1.5	3.5	3.5	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	7	7	15	-	34	1.5	2.1	2.1	4.4	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	7	9	9	9	-	34	2.1	2.6	2.6	2.6	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	7	18	-	35	1.5	1.5	2.1	5.3	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	9	9	12	-	35	1.5	2.6	2.6	3.5	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	7	7	9	12	-	35	2.1	2.1	2.6	3.5	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	7	9	15	-	36	1.5	2.1	2.6	4.4	-	21,600	6.4	36,000	10.6	43,200	12.6	1,541	2,485	3,777
	5	7	12	12	-	36	1.5	2.1	3.5	3.5	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	7	7	7	15	-	36	2.1	2.1	2.1	4.4	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	9	9	9	9	-	36	2.6	2.6	2.6	2.6	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	5	5	9	18	-	37	1.5	1.5	2.6	5.3	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	5	12	15	-	37	1.5	1.5	3.5	4.4	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	7	7	18	-	37	1.5	2.1	2.1	5.3	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	9	9	12	-	37	2.1	2.6	2.6	3.5	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	9	9	15	-	38	1.5	2.6	2.6	4.4	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	7	7	9	15	-	38	2.1	2.1	2.6	4.4	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	7	7	12	12	-	38	2.1	2.1	3.5	3.5	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	5	5	5	24	-	39	1.4	1.4	1.4	6.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	18	-	39	1.4	2.0	2.6	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	15	-	39	1.4	2.0	3.4	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	12	-	39	2.6	2.6	2.6	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	18	-	39	2.0	2.0	2.0	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	15	-	40	2.0	2.5	2.5	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	12	-	40	2.0	2.5	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	24	-	41	1.4	1.4	1.9	6.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	12	15	-	41	1.4	2.5	3.3	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	12	12	-	41	1.4	3.3	3.3	3.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Cooling													Heating											Total Input (W)		
							Each Capacity (kW)					Total Capacity								Each Capacity (kW)					Total Capacity								
												Min		Rated		Max									Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512	1.6	-	-	-	-	3,300	1.0	5,500	1.6	6,600	1.9	820	1,120	1,826
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.5	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618	2.3	-	-	-	-	4,620	1.4	7,700	2.3	9,240	2.7	820	1,120	1,826
	5	5	5	5	15	35	1.5	1.5	1.5	1.5	4.4	21,000	6.2	35,000	10.3	42,000	12.3	1,498	2,415	3,671	2.9	-	-	-	-	5,940	1.7	9,900	2.9	11,880	3.5	820	1,120	1,826
	5	7	7	7	9	35	1.5	2.1	2.1	2.1	2.6	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724	3.9	-	-	-	-	7,920	2.3	13,200	3.9	15,840	4.6	820	1,120	1,826
	7	7	7	7	7	35	2.1	2.1	2.1	2.1	2.1	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724	4.2	-	-	-	-	11,040	2.5	18,400	4.2	22,080	5.0	871	1,190	1,940
	5	5	5	9	12	36	1.5	1.5	1.5	2.6	3.5	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831	5.8	-	-	-	-	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
	5	5	7	7	12	36	1.5	1.5	2.1	2.1	3.5	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831	7.7	-	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	5	7	15	37	1.5	1.5	1.5	2.1	4.4	22,200	6.4	37,000	10.8	44,400	13.0	1,584	2,555	3,884	5	5	-	-	-	6,600	1.9	11,000	3.2	13,200	3.9	820	1,120	1,826
	5	5	9	9	9	37	1.5	1.5	2.6	2.6	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937	5	7	-	-	-	7,920	2.3	13,200	3.9	15,840	4.6	820	1,120	1,826
	5	7	7	9	9	37	1.5	2.1	2.1	2.6	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937	5	9	-	-	-	9,240	2.7	15,400	4.5	18,480	5.4	820	1,120	1,826
	7	7	7	7	9	37	2.1	2.1	2.1	2.1	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937	7	7	-	-	-	9,240	2.7	15,400	4.5	18,480	5.4	820	1,120	1,826
	5	5	5	5	18	38	1.5	1.5	1.5	1.5	5.3	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044	7	9	-	-	-	10,560	3.1	17,600	5.2	21,120	6.2	820	1,120	1,826
	5	7	7	7	12	38	1.5	2.1	2.1	2.1	3.5	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044	5	12	-	-	-	11,220	3.3	18,700	5.5	22,440	6.6	820	1,190	1,940
	5	5	5	9	15	39	1.4	1.4	1.4	2.6	4.3	22,920	6.8	38,200	11.2	45,840	13.5	1,671	2,695	4,097	9	9	-	-	-	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
	5	5	5	12	12	39	1.4	1.4	1.4	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	12	-	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	5	7	7	15	39	1.4	1.4	2.0	2.0	4.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	15	-	-	-	13,200	3.9	22,000	6.4	26,400	7.8	868	1,400	2,282
	7	7	7	9	9	39	2.0	2.0	2.0	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	12	-	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	5	7	9	9	9	39	1.4	2.0	2.6	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	15	-	-	-	14,520	4.3	24,200	7.1	29,040	8.4	954	1,540	2,510
	5	5	5	7	18	40	1.4	1.4	1.4	2.0	5.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	18	-	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	5	9	9	12	40	1.4	1.4	2.5	2.5	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	15	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,020	1,645	2,681
	5	7	7	9	12	40	1.4	2.0	2.0	2.5	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	12	12	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	7	7	7	7	12	40	2.0	2.0	2.0	2.0	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	18	-	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	5	5	7	9	15	41	1.4	1.4	1.9	2.5	4.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	18	-	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	7	7	7	15	41	1.4	1.9	1.9	1.9	4.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	12	15	-	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,215	1,960	3,195
	5	9	9	9	9	41	1.4	2.5	2.5	2.5	2.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	24	-	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	7	7	9	9	9	41	1.9	1.9	2.5	2.5	2.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	12	18	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	5	5	5	9	18	42	1.3	1.3	1.3	2.4	4.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	15	15	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,324	2,135	3,480
	5	5	5	12	15	42	1.3	1.3	1.3	3.2	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	24	-	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	7	18	42	1.3	1.3	1.9	1.9	4.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	24	-	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	7	9	9	12	42	1.3	1.9	2.4	2.4	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	15	18	-	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,497	2,415	3,936
	7	7	7	9	12	42	1.9	1.9	1.9	2.4	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	18	18	-	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	9	9	15	43	1.3	1.3	2.3	2.3	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	12	24	-	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	7	7	9	15	43	1.3	1.8	1.8	2.3	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	15	24	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	12	12	43	1.3	1.8	1.8	3.1	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	18	24	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	15	43	1.8	1.8	1.8	1.8	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	24	24	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	9	43	1.8	2.3	2.3	2.3	2.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	-	-	-	9,900	2.9	16,500	4.8	19,800	5.8	820	1,120	1,826
	5	5	7	12	15	44	1.3	1.3	1.8	3.1	3.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	7	-	-	11,220	3.3	18,700	5.5	22,440	6.6	820	1,190	1,940
	5	5	5	5	24	44	1.3	1.3	1.3	1.3	6.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	9	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	7	7	7	18	44	1.3	1.8	1.8	1.8	4.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	7	7	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	9	9	9	12	44	1.3	2.3	2.3	2.3	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	7	9	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	7	7	9	9	12	44	1.8	1.8	2.3	2.3	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	7	7	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	5	5	5	12	18	45	1.2	1.2	1.2	3.0	4.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	12	-	-	14,520	4.3	24,200	7.1	29,040	8.5	955	1,540	2,510
	5	5	5	15	15	45	1.2	1.2	1.2	3.7	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	7	9	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	7	9	9	15	45	1.2	1.7	2.2	2.2	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	9	9	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	7	9	12	12	45	1.2	1.7	2.2	3.0	3.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	7	12	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	7	7	7	9	15	45	1.7	1.7	1.7	2.2	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	15	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,064	1,715	2,795
	7	7	7	12	12	45	1.7	1.7	1.7	3.0	3.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	9	9	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	9	9	9	9	9	45	2.2	2.2	2.2	2.2	2.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	9	12	-	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	5	5	7	24	46	1.2	1.2	1.2	1.7	5.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	7	12	-	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	5	9	9	18	46	1.2	1.2	2.2	2.2	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	7	15	-	-	17,820	5.2	29,700	8.7	35,640	10.5	1,150	1,855	3,024
	5	5	9	12	15	46	1.2	1.2	2.2	2.9	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	9	9	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	12	12	12	46	1.2	1.2	2.9	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	9	12	-	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	7	7	9	18	46	1.2	1.7	1.7	2.2	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	18	-	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	7	7	12	15	46	1.2	1.7	1.7	2.9	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	9	15	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,237	1,995	3,252
	7	7	7	7	18	46	1.7	1.7	1.7	1.7	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	12	12	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	7	9	9	9	12	46	1.7	2.2	2.2	2.2	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	7	15	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	7	15	15	47	1.2	1.2	1.7	3.6	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	7	18	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	5	9	9	9	15	47	1.2	2.1	2.1	2.1	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	9	12	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	5	9	9	12	12	47	1.2	2.1	2.1	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	9	15	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	7	7	9	9	15	47	1.7	1.7	2.1	2.1	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	12	12	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	7	7	9	12	12	47	1.7	1.7	2.1	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	12	15	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	9	24	48	1.2	1.2	1.2	2.1	5.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	9	18	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	15	18	48	1.2	1.2	1.2	3.5	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	7	18	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	7	7	24	48	1.2	1.2	1.6	1.6	5.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	9	15	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,433	2,310	3,765
	5	7	9	9	18	48	1.2	1.6	2.1	2.1	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	12	12	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,433	2,310	3,765
	5	7	9	12	15	48	1.2	1.6	2.1	2.8	3.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	9	18	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	7	12	12	12	48	1.2	1.6	2.8	2.8	2.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	12	15	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	7	7	7	12	15	48	1.6	1.6	1.6	2.8	3.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	5	24	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	9	9	9	9	12	48	2.1	2.1	2.1	2.1	2.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	12	18	-	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	7	9	18	48	1.6	1.6	1.6	2.1	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	15	15	-	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	5	9	15	15	49	1.1	1.1	2.1	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	7	24	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	7	7	15	15	49	1.1	1.6	1.6	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	12	15	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	9	9	9	15	49	1.6	2.1	2.1	2.1	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	12	12	12	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	9	9	12	12	49	1.6	2.1	2.1	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	9	18	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	7	9	24	50	1.1	1.1	1.6	2.0	5.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	12	18	-	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	7	15	18	50	1.1	1.1	1.6	3.4	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	15	15	-	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	9	9	9	18	50	1.1	2.0	2.0	2.0	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	9	24	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	9	12	12	12	50	1.1	2.0	2.7	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	15	18	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	12	12	12	50	1.6	1.6	2.7	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	7	24	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	9	9	18	50	1.6	1.6	2.0	2.0	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	12	18	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	12	15	50	1.6	1.6	2.0	2.7	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	9	15	15	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	15	15	51	1.1	1.5	2.0	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	12	12	15	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	12	15	51	1.1	1.5	2.6	2.6	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	9	24	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	15	15	51	1.5	1.5	1.5	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	7	15	18	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	15	51	2.0	2.0	2.0	2.0	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	12	24	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	12	12	51	2.0	2.0	2.0	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	5	18	18	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	18	51	1.5	1.5	1.5	2.6	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Heating												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	-	20	1.7	1.7	1.7	1.7	-	13,860	4.1	23,100	6.8	27,720	8.1	868	1,400	2,282
	5	5	5	7	-	22	1.7	1.7	1.7	2.4	-	15,180	4.4	25,300	7.4	30,360	8.9	955	1,540	2,510
	5	5	5	9	-	24	1.6	1.6	1.6	2.9	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	7	7	-	24	1.6	1.6	2.3	2.3	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	7	9	-	26	1.6	1.6	2.3	2.9	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	7	7	7	-	26	1.6	2.3	2.3	2.3	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	5	5	12	-	27	1.6	1.6	1.6	3.9	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	9	9	-	28	1.6	1.6	2.9	2.9	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	7	7	9	-	28	1.6	2.3	2.3	2.9	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	7	7	7	7	-	28	2.3	2.3	2.3	2.3	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	5	7	12	-	29	1.6	1.6	2.3	3.9	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	15	-	30	1.6	1.6	1.6	4.8	-	19,800	5.8	33,000	9.7	39,600	11.6	1,281	2,065	3,366
	5	7	9	9	-	30	1.6	2.3	2.9	2.9	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	7	7	7	9	-	30	2.3	2.3	2.3	2.9	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	5	5	9	12	-	31	1.6	1.6	2.9	3.9	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	7	7	12	-	31	1.6	2.3	2.3	3.9	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	15	-	32	1.6	1.6	2.3	4.8	-	21,120	6.2	35,200	10.3	42,240	12.4	1,367	2,205	3,594
	7	7	9	9	-	32	2.3	2.3	2.9	2.9	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	9	9	9	-	32	1.6	2.9	2.9	2.9	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	18	-	33	1.6	1.6	1.6	5.8	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	7	9	12	-	33	1.6	2.3	2.9	3.9	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	7	7	7	12	-	33	2.3	2.3	2.3	3.9	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	9	15	-	34	1.6	1.6	2.9	4.8	-	22,440	6.6	37,400	11.0	44,880	13.2	1,454	2,345	3,822
	5	5	7	12	12	34	1.6	1.6	3.9	3.9	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	7	7	15	-	34	1.6	2.3	2.3	4.8	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	7	9	9	9	-	34	2.3	2.9	2.9	2.9	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	7	18	-	35	1.6	1.6	2.3	5.8	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	9	9	12	-	35	1.6	2.9	2.9	3.9	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	9	12	-	35	2.3	2.3	2.9	3.9	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	7	9	15	-	36	1.6	2.3	2.9	4.8	-	23,760	7.0	39,600	11.6	47,520	13.9	1,541	2,485	4,051
	5	7	12	12	-	36	1.6	2.3	3.9	3.9	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	7	7	15	-	36	2.3	2.3	2.3	4.8	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	9	9	9	-	36	2.9	2.9	2.9	2.9	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	9	18	-	37	1.6	1.6	2.9	5.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	12	15	-	37	1.6	1.6	3.9	4.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	7	7	18	-	37	1.6	2.3	2.3	5.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	9	9	12	-	37	2.3	2.9	2.9	3.9	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	9	9	15	-	38	1.6	2.9	2.9	4.8	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	9	15	-	38	2.3	2.3	2.9	4.8	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	12	12	-	38	2.3	2.3	3.9	3.9	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	5	5	24	-	39	1.6	1.6	1.6	7.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	18	-	39	1.6	2.2	2.9	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	15	-	39	1.6	2.2	3.9	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	12	-	39	2.9	2.9	2.9	3.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	18	-	39	2.2	2.2	2.2	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	15	-	40	2.2	2.8	2.8	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	12	-	40	2.2	2.8	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	24	-	41	1.5	1.5	2.1	7.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	12	15	-	41	1.5	2.7	3.7	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	12	12	-	41	1.5	3.7	3.7	3.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	18	-	41	2.1	2.1	2.7	5.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	15	-	41	2.1	2.1	3.7	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	15	15	-	42	1.5	2.1	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	15	-	42	2.7	2.7	2.7	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	12	-	42	2.7	2.7	3.6	3.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	15	-	43	2.0	2.6	3.5	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	12	-	43	2.0	3.5	3.5	3.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	18	-	43	2.0	2.6	2.6	5.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	15	15	-	44	1.4	2.6	4.3	4.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	18	-	44	2.0	2.0	3.4	5.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	15	15	-	44	2.0	2.0	4.3	4.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	18	15	-	45	1.4	1.9	5.0	4.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	15	-	45	2.5	2.5	3.3	4.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	12	12	-	45	2.5	3.3	3.3	3.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	18	-	45	2.5	2.5	2.5	5.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	24	-	45	1.9	1.9	1.9	6.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	18	-	46	1.9	2.4	3.3	4.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	15	15	-	46	1.9	2.4	4.1	4.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	15	-	46	1.9	3.3	3.3	4.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	18	18	-	46	1.4	1.4	4.9	4.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	12	18	-	47	1.3	3.2	3.2	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	24	-	47	1.9	1.9	2.4	6.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	15	18	-	47	1.9	1.9	4.0	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	15	18	-	47	1.3	2.4	4.0	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	15	15	-	47	1.3	3.2	4.0	4.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	15	15	-	48	2.3	2.3	3.9	3.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	18	18	-	48	1.3	1.8	4.7	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	12	12	-	48	3.1	3.1	3.1	3.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	18	-	48	2.3	2.3	3.1	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	15	24	-	49	1.3	1.3	3.8	6.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	15	18	-	49	1.8	2.3	3.8	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	18	-	49	1.8	3.1	3.1	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	15	15	-	49	1.8	3.1	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	24	-	49	1.8	2.3	2.3	6.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	18	18	-	50	1.3	2.3	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	15	15	15	-	50	1.3	3.8	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	24	-	50	1.8	1.8	3.0	6.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	18	18	-	50	1.8	1.8	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	15	24	-	51	1.2	1.7	3.7	5.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	15	18	-	51	2.2	2.2	3.7	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	12	18	-	51	2.2	2.9	2.9	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	24	-	51	2.2	2.2	2.2	5.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	15	15	-	51	2.2	2.9	3.7	3.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	18	24	-	52	1.2	1.2	4.3	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	24	-	52	1.7	2.2	2.9	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	15	15	-	52	1.7	3.6	3.6	3.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
5Unit	5	5	5	5	5	25	1.6	1.6	1.6	1.6	1.6	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	5	5	5	5	7	27	1.6	1.6	1.6	1.6	2.3	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	5	5	9	29	1.6	1.6	1.6	1.6	2.9	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	7	7	29	1.6	1.6	1.6	2.3	2.3	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	7	9	31	1.6	1.6	1.6	2.3	2.9	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	7	7	31	1.6	1.6	2.3	2.3	2.3	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.9	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	9	9	33	1.6	1.6	1.6	2.9	2.9	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	7	7	9	33	1.6	1.6	2.3	2.3	2.9	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765

Operation	Combination (kBtu/h)						Heating												
							Each Capacity (kW)					Total Capacity						Total Input (W)	
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	7	7	7	7	33	1.6	2.3	2.3	2.3	2.3	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	5	7	12	34	1.6	1.6	1.6	2.3	3.9	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	5	5	15	35	1.6	1.6	1.6	1.6	4.8	23,100	6.8	38,500	11.3	46,200	13.5	1,498	2,415	3,936
	5	7	7	7	9	35	1.6	2.3	2.3	2.3	2.9	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	7	7	7	35	2.3	2.3	2.3	2.3	2.3	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	5	5	9	12	36	1.6	1.6	1.6	2.9	3.9	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	7	7	12	36	1.6	1.6	2.3	2.3	3.9	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	5	7	15	37	1.6	1.6	1.6	2.3	4.8	24,420	7.2	40,700	11.9	48,840	14.3	1,584	2,555	4,165
	5	5	9	9	9	37	1.6	1.6	2.9	2.9	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	7	7	7	9	37	1.6	2.3	2.3	2.9	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	7	7	7	9	37	2.3	2.3	2.3	2.3	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	5	5	18	38	1.6	1.6	1.6	1.6	5.8	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	7	7	7	12	38	1.6	2.3	2.3	2.3	3.9	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	5	5	9	15	39	1.6	1.6	1.6	2.9	4.8	25,620	7.5	42,700	12.5	51,240	15.0	1,695	2,735	4,458
	5	5	5	12	12	39	1.6	1.6	1.6	3.9	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	15	39	1.6	1.6	2.2	2.2	4.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	9	39	2.2	2.2	2.2	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	9	39	1.6	2.2	2.9	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	7	18	40	1.6	1.6	1.6	2.2	5.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	12	40	1.6	1.6	2.8	2.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	12	40	1.6	2.2	2.2	2.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	12	40	2.2	2.2	2.2	2.2	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	9	15	41	1.5	1.5	2.1	2.7	4.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	7	15	41	1.5	2.1	2.1	2.1	4.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	9	41	1.5	2.7	2.7	2.7	2.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	9	41	2.1	2.1	2.7	2.7	2.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	9	18	42	1.5	1.5	1.5	2.7	5.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	12	15	42	1.5	1.5	1.5	3.6	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	18	42	1.5	1.5	2.1	2.1	5.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	12	42	1.5	2.1	2.7	2.7	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	12	42	2.1	2.1	2.1	2.7	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	15	43	1.5	1.5	2.6	2.6	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	15	43	1.5	2.0	2.0	2.6	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	12	12	43	1.5	2.0	2.0	2.0	3.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	15	43	2.0	2.0	2.0	2.0	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	9	43	2.0	2.6	2.6	2.6	2.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	12	15	44	1.4	1.4	2.0	3.4	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	5	24	44	1.4	1.4	1.4	1.4	6.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	7	18	44	1.4	2.0	2.0	2.0	5.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9

COMBINATION TABLE

FM40AH UO2

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,000	4.7	19,200	5.6	780	1,120	1,703	10,560	3.1	17,600	5.2	21,120	6.2	820	1,120	1,826
18	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
19	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
21	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
23	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
24	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
25	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
26	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
27	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
28	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
29	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
30	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
31	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
32	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
33	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
34	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
35	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
36	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
37	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
38	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
39	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
40	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
41	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
42	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
43	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
44	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
45	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
46	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
47	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
48	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
49	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
50	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
51	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
52	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
53	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
54	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

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 16~52 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)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	18,535	5.4	20,900	6.1	840	1,222	1,665	12,768	3.7	23,088	6.8	27,365	8.0	1,300	1,728	2,470
20	12,000	3.5	19,510	5.7	22,000	6.4	880	1,282	1,746	13,440	3.9	24,303	7.1	28,482	8.3	1,348	1,863	2,663
21	12,600	3.7	20,486	6.0	23,100	6.8	920	1,341	1,827	14,112	4.1	25,518	7.5	29,600	8.7	1,395	1,997	2,855
22	13,200	3.9	21,461	6.3	24,200	7.1	960	1,401	1,908	14,784	4.3	26,733	7.8	30,869	9.0	1,443	2,132	3,048
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	57,100	16.7	2,174	3,308	4,745
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	57,712	16.9	2,211	3,365	4,802
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,324	17.1	2,246	3,417	4,859
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,936	17.3	2,299	3,498	4,917
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,548	17.5	2,352	3,579	4,974
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	60,159	17.6	2,406	3,660	5,031
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,735	16.0	60,771	17.8	2,459	3,741	5,088
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	54,870	16.1	61,383	18.0	2,512	3,822	5,145
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,005	16.1	61,995	18.2	2,566	3,903	5,202
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,140	16.2	62,607	18.3	2,579	3,924	5,259
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	55,275	16.2	63,219	18.5	2,593	3,944	5,316
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	55,410	16.2	63,831	18.7	2,606	3,964	5,373
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	55,545	16.3	64,443	18.9	2,619	3,985	5,430
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	55,680	16.3	65,054	19.1	2,633	4,005	5,487
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	55,815	16.4	65,666	19.2	2,646	4,025	5,544
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	55,950	16.4	66,278	19.4	2,659	4,046	5,601
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	56,085	16.4	66,890	19.6	2,673	4,066	5,658
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	56,220	16.5	67,502	19.8	2,686	4,086	5,715
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	56,355	16.5	68,114	20.0	2,699	4,107	5,772
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	56,500	16.6	59,000	17.3	2,734	4,160	5,170

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 19~62k Btu/h(40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	58,000	17.0	2,174	3,308	4,728
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	58,292	17.1	2,211	3,365	4,812
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,584	17.2	2,246	3,417	4,884
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,876	17.3	2,299	3,498	5,000
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,168	17.3	2,352	3,579	5,116
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,460	17.4	2,406	3,660	5,232
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,943	16.1	59,750	17.5	2,459	3,741	5,348
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	55,286	16.2	60,375	17.7	2,512	3,822	5,464
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,629	16.3	61,000	17.9	2,566	3,903	5,580
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,971	16.4	61,176	17.9	2,579	3,924	5,609
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	56,314	16.5	61,353	18.0	2,593	3,944	5,638
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	56,657	16.6	61,529	18.0	2,606	3,964	5,667
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	57,000	16.7	61,706	18.1	2,619	3,985	5,696
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	57,343	16.8	61,882	18.1	2,633	4,005	5,725
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	57,686	16.9	62,059	18.2	2,646	4,025	5,754
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	58,029	17.0	62,235	18.2	2,659	4,046	5,783
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	58,371	17.1	62,412	18.3	2,673	4,066	5,812
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	58,714	17.2	62,588	18.3	2,686	4,086	5,841
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	59,057	17.3	62,765	18.4	2,699	4,107	5,870
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	59,400	17.4	62,941	18.4	2,734	4,160	5,900
64	38,400	11.3	53,264	15.6	58,592	17.2	2,776	3,887	5,158	38,698	11.3	59,636	17.5	63,047	18.5	2,726	4,147	5,929
65	39,000	11.4	53,628	15.7	59,104	17.3	2,795	3,913	5,236	39,265	11.5	59,872	17.5	63,153	18.5	2,739	4,168	5,958
66	39,600	11.6	53,992	15.8	59,616	17.5	2,814	3,940	5,314	39,832	11.7	60,108	17.6	63,259	18.5	2,753	4,188	5,987
67	40,200	11.8	54,356	15.9	60,128	17.6	2,833	3,966	5,392	40,399	11.8	60,344	17.7	63,365	18.6	2,766	4,208	6,016
68	40,800	12.0	54,720	16.0	60,640	17.8	2,852	3,993	5,470	40,966	12.0	60,580	17.8	63,471	18.6	2,780	4,229	6,045
69	41,400	12.1	55,084	16.1	61,152	17.9	2,871	4,019	5,548	41,532	12.2	60,816	17.8	63,576	18.6	2,793	4,249	6,074
70	42,000	12.3	55,448	16.3	61,664	18.1	2,890	4,046	5,626	42,099	12.3	61,052	17.9	63,682	18.7	2,806	4,269	6,103
71	42,600	12.5	55,812	16.4	62,176	18.2	2,909	4,072	5,704	42,666	12.5	61,288	18.0	63,788	18.7	2,820	4,290	6,132
72	43,200	12.7	56,176	16.5	62,688	18.4	2,928	4,099	5,782	43,233	12.7	61,524	18.0	63,894	18.7	2,833	4,310	6,161
73	43,800	12.8	56,540	16.6	63,200	18.5	2,947	4,126	5,860	43,800	12.8	61,760	18.1	64,000	18.8	2,846	4,330	6,190

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 23~73 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)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,955	5.0	18,513	5.4	800	844	1,279	10,752	3	21,633	6	25,188	7	890	1,066	1,162
18	10,500	3.1	17,759	5.2	19,707	5.8	833	899	1,347	11,760	3	22,407	7	25,913	8	931	1,116	1,258
19	11,400	3.3	18,563	5.4	20,900	6.1	866	953	1,415	12,768	4	23,182	7	26,637	8	972	1,166	1,354
20	12,000	3.5	19,367	5.7	21,741	6.4	898	1,008	1,483	13,440	4	23,956	7	27,362	8	1,013	1,216	1,450
21	12,600	3.7	20,171	5.9	22,582	6.6	931	1,063	1,550	14,112	4	24,731	7	28,087	8	1,055	1,265	1,547
22	13,200	3.9	20,975	6.1	23,423	6.9	964	1,117	1,618	14,784	4	25,505	7	28,811	8	1,096	1,315	1,643
23	13,800	4.0	21,779	6.4	24,264	7.1	997	1,172	1,686	15,456	5	26,279	8	29,536	9	1,137	1,365	1,739
24	14,400	4.2	22,583	6.6	25,105	7.4	1,029	1,227	1,754	16,023	5	27,054	8	30,261	9	1,178	1,415	1,835
25	15,000	4.4	23,387	6.9	25,946	7.6	1,062	1,281	1,822	16,590	5	27,828	8	30,985	9	1,219	1,465	1,931
26	15,600	4.6	24,191	7.1	26,787	7.9	1,095	1,336	1,890	17,157	5	28,602	8	31,710	9	1,260	1,515	2,027
27	16,200	4.7	24,995	7.3	27,628	8.1	1,128	1,391	1,958	17,724	5	29,377	9	32,434	10	1,301	1,564	2,124
28	16,800	4.9	25,799	7.6	28,469	8.3	1,160	1,445	2,026	18,290	5	30,151	9	33,159	10	1,342	1,614	2,220
29	17,400	5.1	26,603	7.8	29,310	8.6	1,193	1,500	2,093	18,857	6	30,926	9	33,884	10	1,384	1,664	2,316
30	18,000	5.3	27,407	8.0	30,151	8.8	1,226	1,555	2,161	19,424	6	31,700	9	34,608	10	1,425	1,714	2,412
31	18,600	5.5	28,211	8.3	30,992	9.1	1,259	1,610	2,229	19,991	6	32,474	10	35,333	10	1,466	1,764	2,508
32	19,200	5.6	29,015	8.5	31,833	9.3	1,291	1,664	2,297	20,558	6	33,249	10	36,058	11	1,507	1,814	2,604
33	19,800	5.8	29,819	8.7	32,674	9.6	1,324	1,719	2,365	21,125	6	34,023	10	36,782	11	1,548	1,863	2,701
34	20,400	6.0	30,622	9.0	33,515	9.8	1,357	1,774	2,433	21,692	6	34,797	10	37,507	11	1,589	1,913	2,797
35	21,000	6.2	31,426	9.2	34,355	10.1	1,390	1,828	2,501	22,259	7	35,572	10	38,232	11	1,630	1,963	2,893
36	21,600	6.3	32,230	9.4	35,196	10.3	1,422	1,883	2,568	22,825	7	36,346	11	38,956	11	1,672	2,013	2,989
37	22,200	6.5	33,034	9.7	36,037	10.6	1,455	1,938	2,636	23,392	7	37,121	11	39,681	12	1,713	2,063	3,085
38	22,800	6.7	33,838	9.9	36,878	10.8	1,488	1,992	2,704	23,959	7	37,895	11	40,406	12	1,754	2,113	3,181
39	23,400	6.9	34,642	10.2	37,719	11.1	1,521	2,047	2,772	24,526	7	38,669	11	41,130	12	1,795	2,162	3,278
40	24,000	7.0	35,446	10.4	38,560	11.3	1,553	2,102	2,840	25,093	7	39,444	12	41,855	12	1,836	2,212	3,374
41	24,600	7.2	36,250	10.6	39,401	11.5	1,586	2,156	2,908	25,660	8	40,218	12	42,580	12	1,877	2,262	3,470
42	25,200	7.4	37,154	10.9	40,242	11.8	1,619	2,211	2,976	26,227	8	40,992	12	43,304	13	1,918	2,312	3,566
43	25,800	7.6	37,692	11.0	41,083	12.0	1,652	2,237	3,043	26,794	8	41,236	12	44,029	13	1,960	2,345	3,662
44	26,400	7.7	38,413	11.3	41,924	12.3	1,684	2,262	3,111	27,360	8	41,480	12	44,754	13	2,001	2,377	3,758
45	27,000	7.9	39,134	11.5	42,765	12.5	1,717	2,288	3,179	27,927	8	41,724	12	45,478	13	2,042	2,410	3,855
46	27,600	8.1	39,400	11.5	43,606	12.8	1,750	2,313	3,247	28,494	8	41,968	12	46,203	14	2,083	2,442	3,951
47	28,200	8.3	40,019	11.7	44,447	13.0	1,783	2,339	3,315	29,061	9	42,212	12	46,927	14	2,124	2,475	4,047
48	28,800	8.4	40,740	11.9	45,288	13.3	1,815	2,364	3,383	29,628	9	42,456	12	47,652	14	2,165	2,507	4,143
49	29,400	8.6	41,300	12.1	46,129	13.5	1,848	2,390	3,451	30,195	9	42,700	13	48,377	14	2,206	2,540	4,239
50	30,000	8.8	41,440	12.1	46,503	13.6	1,881	2,416	3,519	30,762	9	42,870	13	49,101	14	2,247	2,573	4,335
51	30,600	9.0	41,580	12.2	46,877	13.7	1,914	2,442	3,586	31,329	9	43,040	13	49,826	15	2,289	2,606	4,432
52	31,200	9.1	41,720	12.2	47,252	13.8	1,946	2,468	3,654	31,896	9	43,210	13	50,551	15	2,330	2,639	4,528
53	31,800	9.3	41,860	12.3	47,626	14.0	1,979	2,494	3,722	32,462	10	43,380	13	51,275	15	2,371	2,672	4,624
54	32,400	9.5	42,000	12.3	48,000	14.1	2,012	2,520	3,790	33,029	10	43,550	13	52,000	15	2,412	2,705	4,720

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 16~54k Btu/h(40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE

FM49AH U32 3Phase

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	18,535	5.4	20,900	6.1	840	1,222	1,665	12,768	3.7	23,088	6.8	27,365	8.0	1,300	1,728	2,470
20	12,000	3.5	19,510	5.7	22,000	6.4	880	1,282	1,746	13,440	3.9	24,303	7.1	28,482	8.3	1,348	1,863	2,663
21	12,600	3.7	20,486	6.0	23,100	6.8	920	1,341	1,827	14,112	4.1	25,518	7.5	29,600	8.7	1,395	1,997	2,855
22	13,200	3.9	21,461	6.3	24,200	7.1	960	1,401	1,908	14,784	4.3	26,733	7.8	30,869	9.0	1,443	2,132	3,048
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	57,100	16.7	2,174	3,308	4,743
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	57,677	16.9	2,211	3,365	4,797
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,253	17.1	2,246	3,417	4,851
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,830	17.2	2,299	3,498	4,906
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,406	17.4	2,352	3,579	4,960
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,983	17.6	2,406	3,660	5,014
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,735	16.0	60,559	17.7	2,459	3,741	5,069
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	54,870	16.1	61,136	17.9	2,512	3,822	5,123
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,005	16.1	61,712	18.1	2,566	3,903	5,177
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,140	16.2	62,289	18.3	2,579	3,924	5,232
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	55,275	16.2	62,866	18.4	2,593	3,944	5,286
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	55,410	16.2	63,442	18.6	2,606	3,964	5,341
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	55,545	16.3	64,019	18.8	2,619	3,985	5,395
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	55,680	16.3	64,595	18.9	2,633	4,005	5,449
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	55,815	16.4	65,172	19.1	2,646	4,025	5,504
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	55,950	16.4	65,748	19.3	2,659	4,046	5,558
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	56,085	16.4	66,325	19.4	2,673	4,066	5,612
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	56,220	16.5	66,901	19.6	2,686	4,086	5,667
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	56,355	16.5	67,478	19.8	2,699	4,107	5,721
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	56,500	16.6	59,000	17.3	2,734	4,160	5,170

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; 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 19~62k Btu/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)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	58,000	17.0	2,174	3,308	4,728
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	58,292	17.1	2,211	3,365	4,812
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,584	17.2	2,246	3,417	4,884
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,876	17.3	2,299	3,498	5,000
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,168	17.3	2,352	3,579	5,116
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,460	17.4	2,406	3,660	5,232
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,943	16.1	59,750	17.5	2,459	3,741	5,348
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	55,286	16.2	60,375	17.7	2,512	3,822	5,464
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,629	16.3	61,000	17.9	2,566	3,903	5,580
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,971	16.4	61,176	17.9	2,579	3,924	5,609
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	56,314	16.5	61,353	18.0	2,593	3,944	5,638
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	56,657	16.6	61,529	18.0	2,606	3,964	5,667
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	57,000	16.7	61,706	18.1	2,619	3,985	5,696
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	57,343	16.8	61,882	18.1	2,633	4,005	5,725
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	57,686	16.9	62,059	18.2	2,646	4,025	5,754
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	58,029	17.0	62,235	18.2	2,659	4,046	5,783
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	58,371	17.1	62,412	18.3	2,673	4,066	5,812
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	58,714	17.2	62,588	18.3	2,686	4,086	5,841
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	59,057	17.3	62,765	18.4	2,699	4,107	5,870
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	59,400	17.4	62,941	18.4	2,734	4,160	5,900
64	38,400	11.3	53,264	15.6	58,592	17.2	2,776	3,887	5,158	38,698	11.3	59,636	17.5	63,047	18.5	2,726	4,147	5,929
65	39,000	11.4	53,628	15.7	59,104	17.3	2,795	3,913	5,236	39,265	11.5	59,872	17.5	63,153	18.5	2,739	4,168	5,958
66	39,600	11.6	53,992	15.8	59,616	17.5	2,814	3,940	5,314	39,832	11.7	60,108	17.6	63,259	18.5	2,753	4,188	5,987
67	40,200	11.8	54,356	15.9	60,128	17.6	2,833	3,966	5,392	40,399	11.8	60,344	17.7	63,365	18.6	2,766	4,208	6,016
68	40,800	12.0	54,720	16.0	60,640	17.8	2,852	3,993	5,470	40,966	12.0	60,580	17.8	63,471	18.6	2,780	4,229	6,045
69	41,400	12.1	55,084	16.1	61,152	17.9	2,871	4,019	5,548	41,532	12.2	60,816	17.8	63,576	18.6	2,793	4,249	6,074
70	42,000	12.3	55,448	16.3	61,664	18.1	2,890	4,046	5,626	42,099	12.3	61,052	17.9	63,682	18.7	2,806	4,269	6,103
71	42,600	12.5	55,812	16.4	62,176	18.2	2,909	4,072	5,704	42,666	12.5	61,288	18.0	63,788	18.7	2,820	4,290	6,132
72	43,200	12.7	56,176	16.5	62,688	18.4	2,928	4,099	5,782	43,233	12.7	61,524	18.0	63,894	18.7	2,833	4,310	6,161
73	43,800	12.8	56,540	16.6	63,200	18.5	2,947	4,126	5,860	43,800	12.8	61,760	18.1	64,000	18.8	2,846	4,330	6,190

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 23~73k Btu/h(40%~130%)
5.At least two indoor units should be connected.

The Total HVAC and Energy Solution Provider

Ever since manufacturing Korea's first homegrown air conditioner in 1968, LG has remained at the forefront of air conditioning innovation. For eight of the last 10 years, LG has been the world's top selling manufacturer of residential air conditioning solutions. And in 2008, LG became the first company to sell a cumulative total of more than 100 million air conditioners.

Building on its success and technological leadership in the residential air conditioning sector, LG has moved into system air conditioning as well. The company's range of high-performance system air conditioning products provides effective temperature control to large-scale buildings and facilities. Over time, LG has evolved into the total HVAC and energy solution provider, investing in new technologies and adding chillers, VRF systems, and building management systems (BMS) into its comprehensive product portfolio.

Along with a wide range of innovative solutions, LG delivers unrivalled customer service. The company produces top-notch air conditioning professionals at its SAC academies, of which there are more than 100 worldwide. These centers of excellence provide detailed product workshops and training programs that offer invaluable hands-on experience. LG also provides useful tools for HVAC system engineers and installers, including its timesaving LG Air Conditioner Technical Solution (LATS) software.

Additionally, LG operates several state-of-the-art R&D facilities all across the planet. One such facility is the Energy Lab, a purpose-built R&D and testing center in northern France. Helping to keep the company ahead of the competition, the scientists and engineers at the Energy Lab study the effects of different environmental conditions on LG's products. This in-depth research and analysis enables LG to tailor its solutions to the specific environmental demands of each individual market.

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