

---

# MULTI SPLIT SYSTEM AIR CONDITIONERS

---

**Come home to comfort with LG**



## Come Home To Comfort with LG air conditioners

—

LG makes life good by connecting with the real needs and desires of our customers and innovating around them. We passionately believe in improving the day-to-day lives of Australians via forward-thinking technological advancement.

### Why LG Air Conditioning

Designed for the way you live, our air conditioners are available in a wide range of styles - so you can create a space that's cool, comfortable and stylish.

## LG Multi Split Systems

### Heat or cool multiple rooms in your home

—

LG Multi split system provides powerful, efficient cooling and heating with two, three, four, or up to nine indoor units operating off a single outdoor unit.

LG's advanced inverter technology brings powerful performance while remaining energy efficient. Multi split systems use less space than installing individual single split systems.

A variety of sleek and elegant indoor units are available in a full range of capacities for all room sizes.




Installation is easy and it offers various convenient functions for easy maintenance.















# MODEL LINE-UP

## OUTDOOR UNITS

Type kW	MULTI F (Multi Piping)	Connectable Indoor Units		Phase	Combination Sample
		Max. Indoor units	Max. Total Capacity Index (kW)		
5.3		3	8.79	1ø	
	UHXM55MA1				
7.0		4	11.42	1ø	
	UHXM70MA1				
8.8		5	15.81	1ø	
	UHXM90MA1				
11.2		5	21.08	1ø	
	UHXM110MA1				

## INDOOR UNITS

Type kW	Wall Mounted	Ceiling Cassettes	Celing Concealed Ducts
	Standard		Low Static
2.1	 MS07AH2		
2.6	 MS09AH2	 NHXM30C1A1	 NHXM30D3A1
3.5	 MS12AH2	 NHXM40C1A1	 NHXM40D3A1
5.3	 MS18AH2		 NHXM50D3A1
7.0	 MS24AH2		 NHXM70D3A1

# FUNCTION SPECIFICATIONS

Category		Multi F			
kBtu/h		18	24	30	38
kW		5.27	7.03	8.79	11.2
Energy Efficiency	BLDC Comp & Fan Motor	•	•	•	•
	Wide Louver Plus Fin	•	•	•	•
	Optimised Heat Exchanger Path	•	•	•	•
	Smart Load Control	•	•	•	•
	Peak Current Control	•	•	•	•
	Standby Mode	•	•	•	•
	Mode Lock	•	•	•	•
Durability	Twin Rotary Compressor	•	•	•	•
	Smart Sensor Pressure Control	•	•	•	•
Comfort & Convenience	Fast Cooling & Heating	•	•	•	•
	Silent Night Operation	•	•	•	•
	Wiring Error Check	•	•	•	•
	Monitoring PCB	•	•	•	•
	LG MV	•	•	•	•
	Forced Cooling Operation	•	•	•	•

## KEY FEATURES

# SMART

## Built-in Wi-Fi Smart Control

The LG Smart ThinQ App lets you access and control your air conditioner with your smartphone\* even when you're not at home.

MS series: in built WiFi feature (MS09, MS12, MS18, MS24)  
 NHXM Cassette Series: no WiFi Feature (NHXM30C1, NHXM40C1)  
 NHXM low Static Ducted: WiFi Option available (NHXM30D3, NHXM40D3, NHXM50D3, NHXM70D3)



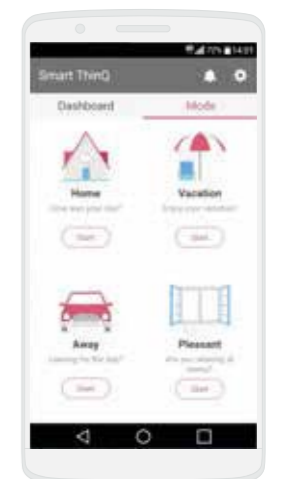
\* Product Registration using both LG Smart ThinQ app & Google app is required. Internet, Wi-Fi connection and Google account required. Data usage may apply. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. Google is a trademark of Google LLC.



I Controlling & Monitoring I



I Smart Diagnosis & Filter Manager I



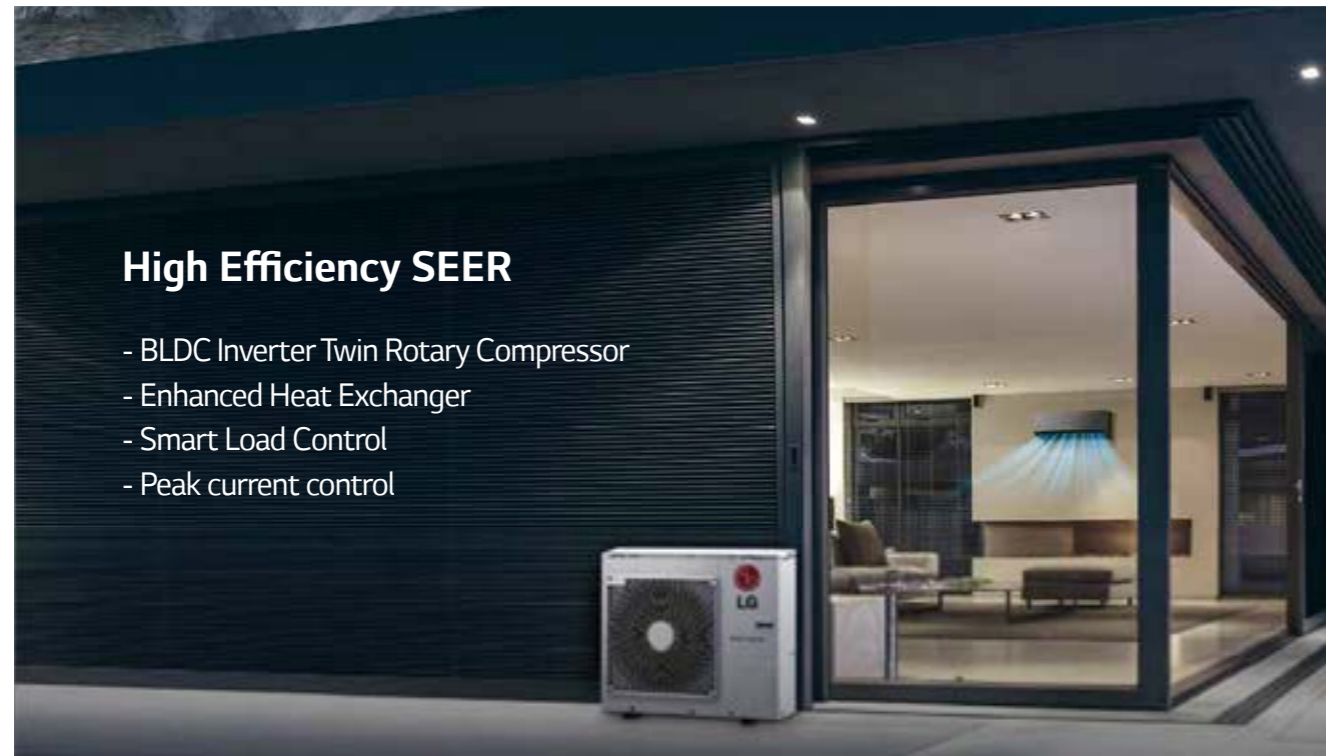
I Integrated Home Appliances Control I



# ENERGY EFFICIENCY

## Energy Efficiency

The advanced technologies of LG achieve low energy consumption regarding SEER.

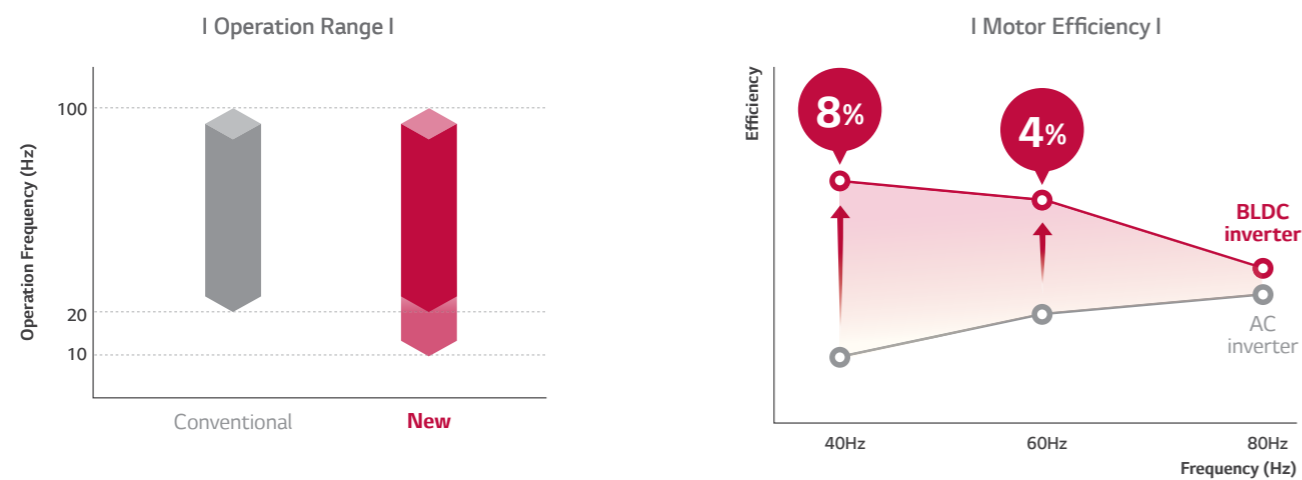


### High Efficiency SEER

- BLDC Inverter Twin Rotary Compressor
- Enhanced Heat Exchanger
- Smart Load Control
- Peak current control

## Powerful BLDC (Brushless Direct Current Motor) Compressor

LG air conditioners are equipped with a BLDC Inverter Twin Rotary Compressor that uses a neodymium magnetic core. The compressor has high efficiency and reliability, because it is excellent in controlling the operating speed depending on the load. The compressor has improved efficiency compared to standard AC inverter products and optimised for changes of outdoor load, and seasonal efficiency.

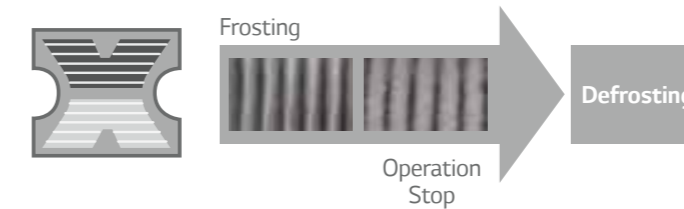


# ENERGY EFFICIENCY

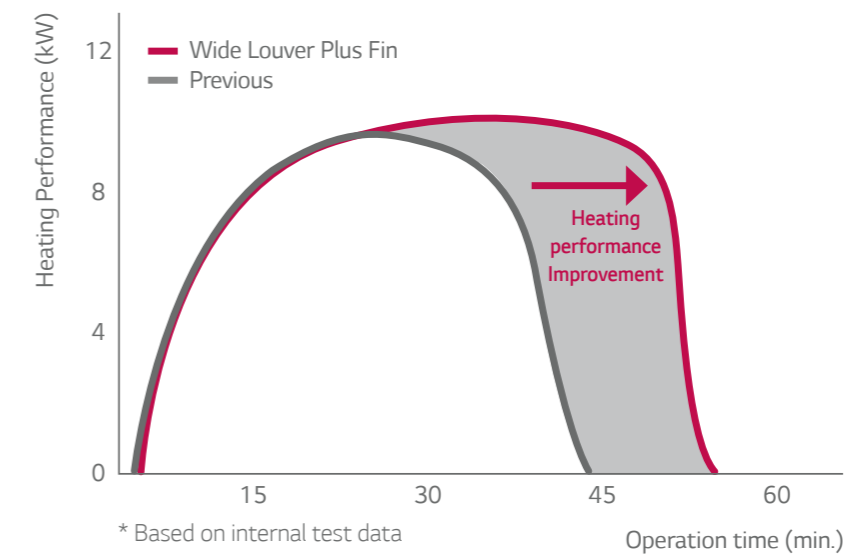
## Wide Louver Plus Fin

Wide Louver Plus fin technology increases full load heating performance by 11% and 6% with COP compared to conventional fins. It can also slow down the frosting on the heat exchanger and delay the start of defrosting mode.

### Previous LG model



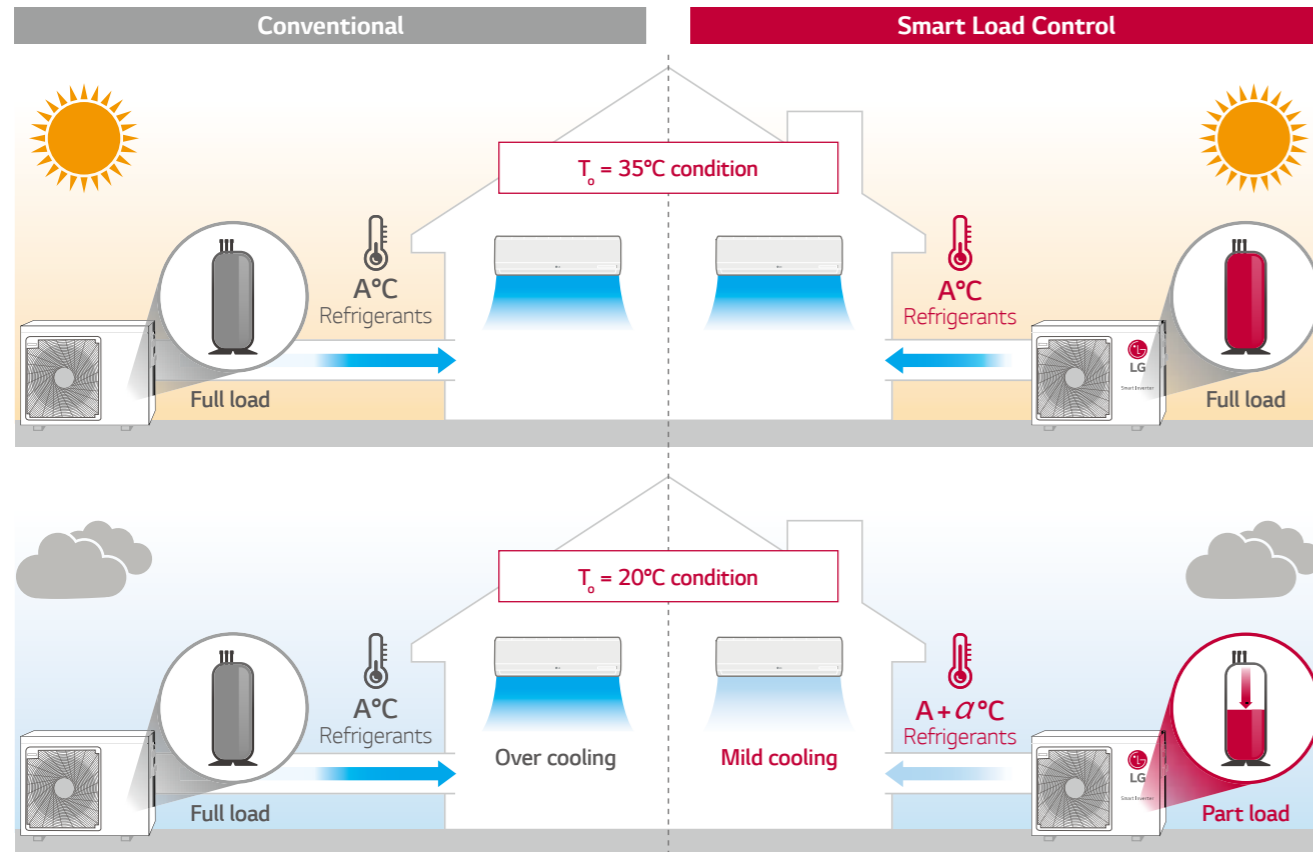
### Wide Louver Plus



# ENERGY EFFICIENCY

## Smart Load Control

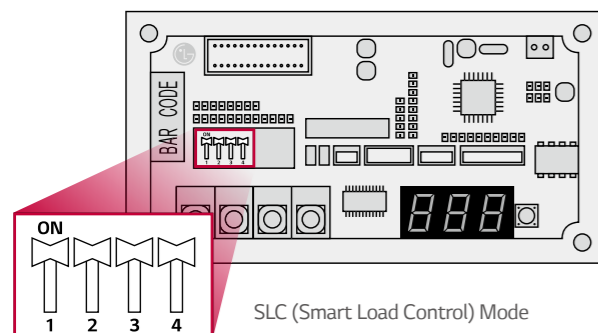
To save operation energy, it automatically controls the refrigerant temperature according to outside temperature.



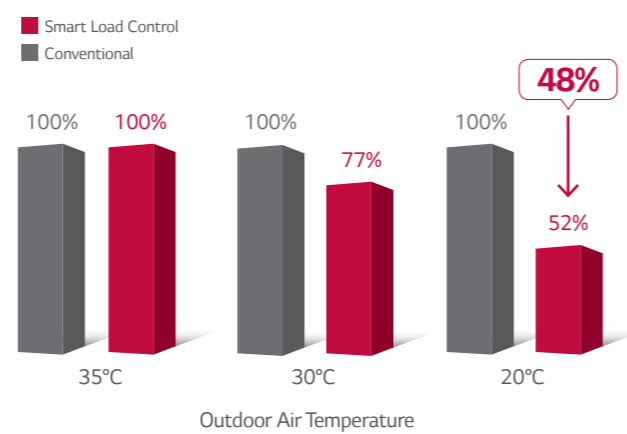
\* T<sub>o</sub>: Outdoor temperature  
\* A is the indoor unit coil temperature

### I How to set Dip Switch I

To operate smart load control, dip switch setting is required. It can help save energy during real time operation.



### I Real Time Energy Saving I

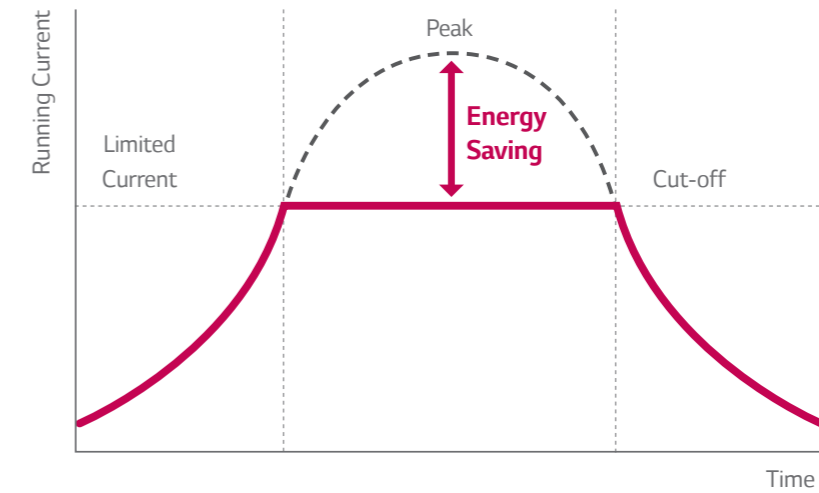


\*Tested model 6.2kW.

# ENERGY EFFICIENCY

## Peak Current Control (optional setting)

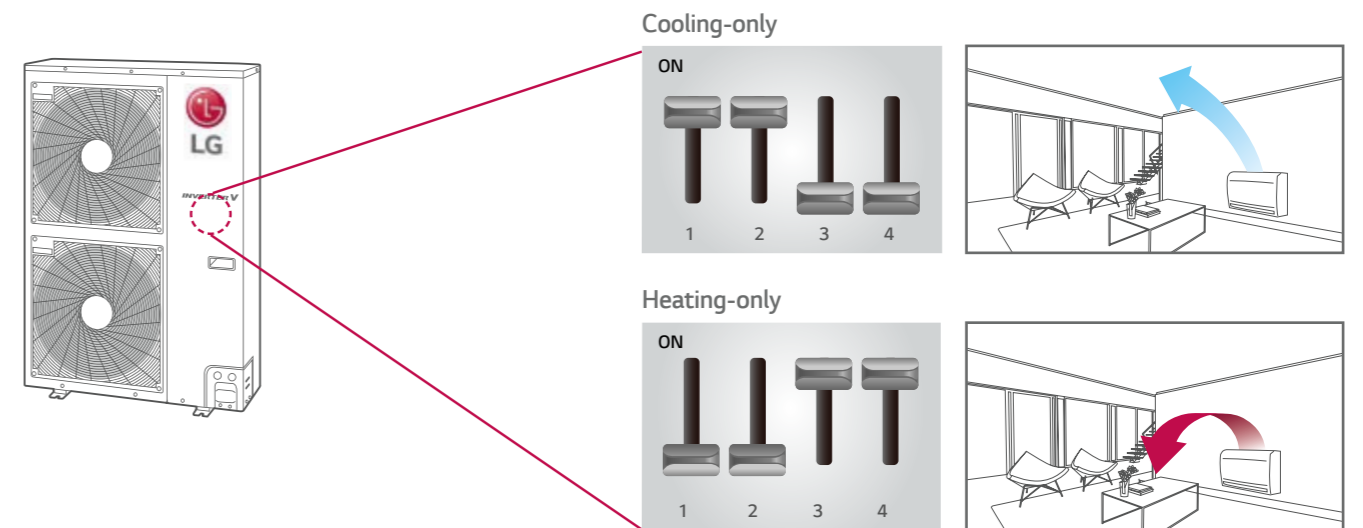
The peak current control function limits the air conditioner from running at the maximum level thus improving operating efficiency to help reduce energy consumption.



\*This function is not user adjustable, please contact your nearest AC installer.

## Mode Lock

Set the operation mode to either cooling-only or heating-only by adjusting the dip switch inside the unit. This will help prevent the mixed use of cooling and heating.



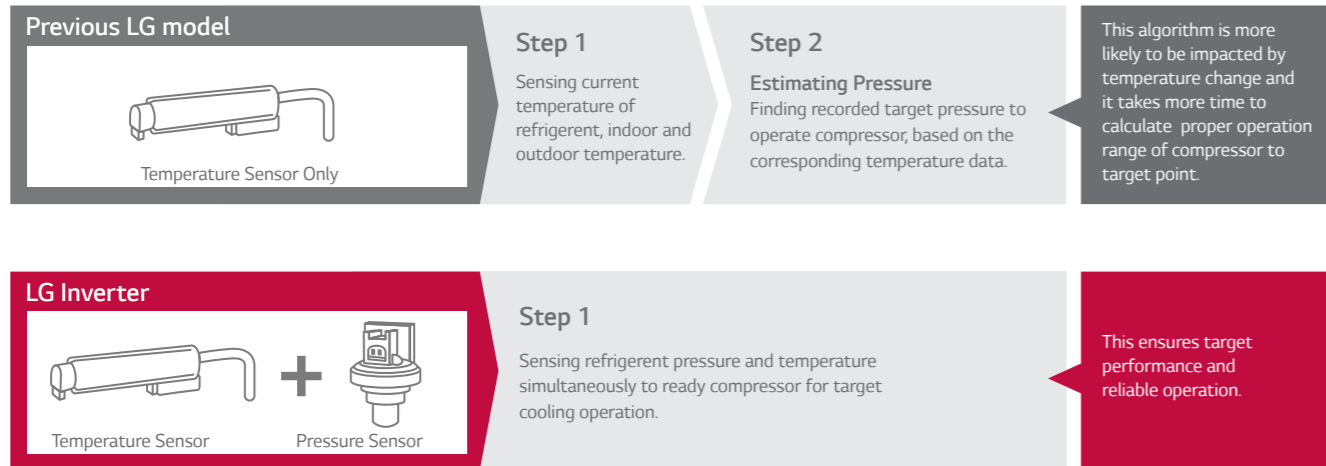
\* Applied to all MULTI outdoors

\*This function is not user adjustable, please contact your nearest AC installer.

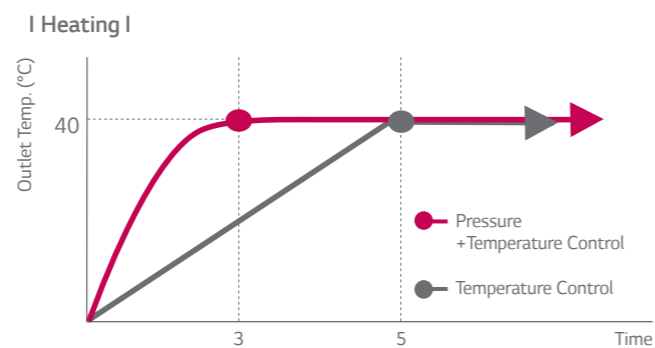


# QUICK COOLING & HEATING

## Quick Operating Response



Using both pressure and temperature sensors improves control accuracy and stability resulting in a quick operating response time.

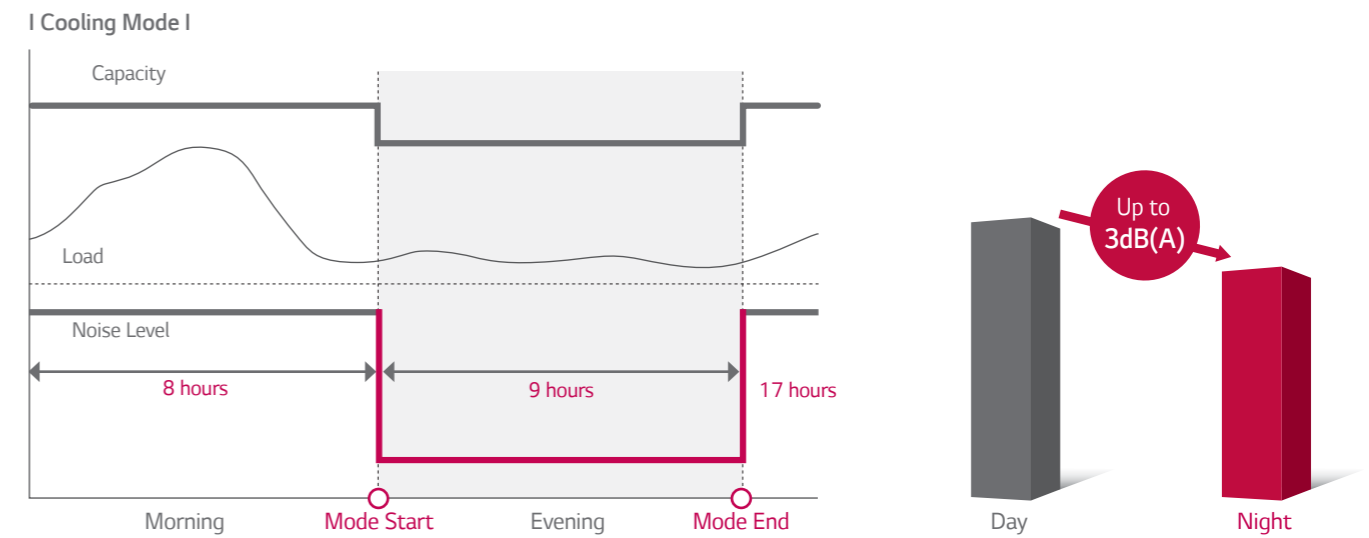


\* Based on internal test data

# QUIET & COMFORTABLE

## "Night Quiet" Operation

Night Quiet operation can reduce noise levels at night time by setting the dip switch on the PCB in the outdoor unit\*.



\*This function is not user adjustable, please contact your nearest AC installer.

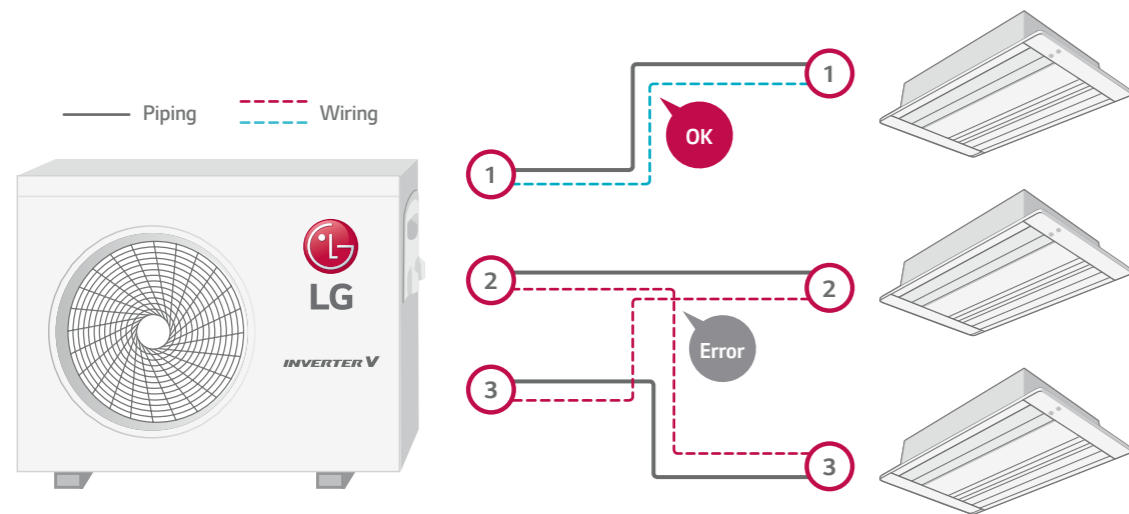


# EASY INSTALLATION & MAINTENANCE

## Wiring Error Check (UHXM55MA1, UHXM70MA1, UHXM90MA1, UHXM110MA1)

Installers can check whether the transmission cable has been connected correctly by using the wiring error check function. The wiring error check can reduce the time taken to check for transmission cable errors.

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



# EASY INSTALLATION & MAINTENANCE

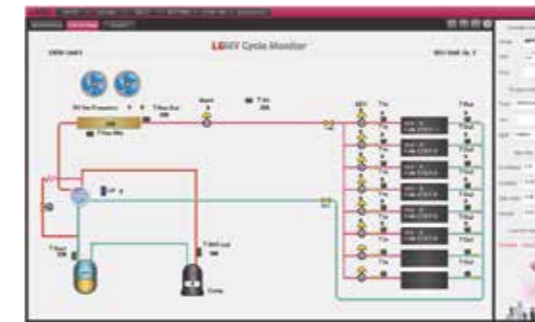
## LG MV (Monitoring View)

LG MV helps technicians 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 technicians can check accumulated data on a graph.



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

Error indicator

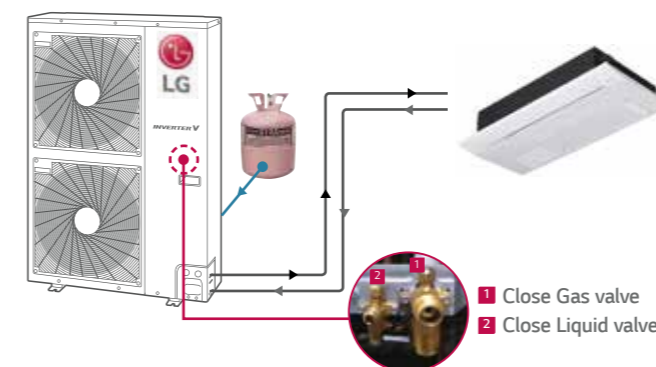
Error Code	Contents
01	Air temperature sensor of indoor unit
02	Inlet pipe temperature sensor of indoor unit
03	Communication error : wired remote controller ↔ indoor unit

⋮

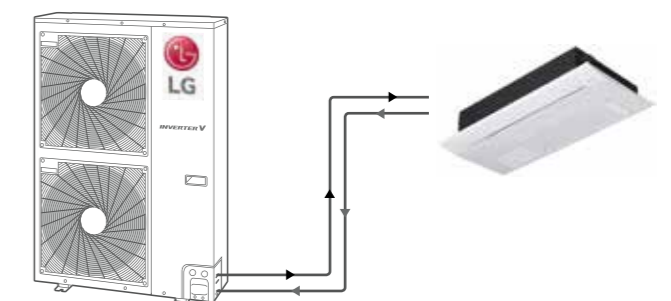
## Pump Down Mode

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 repaired.

I Recharging I



I Pump Down I





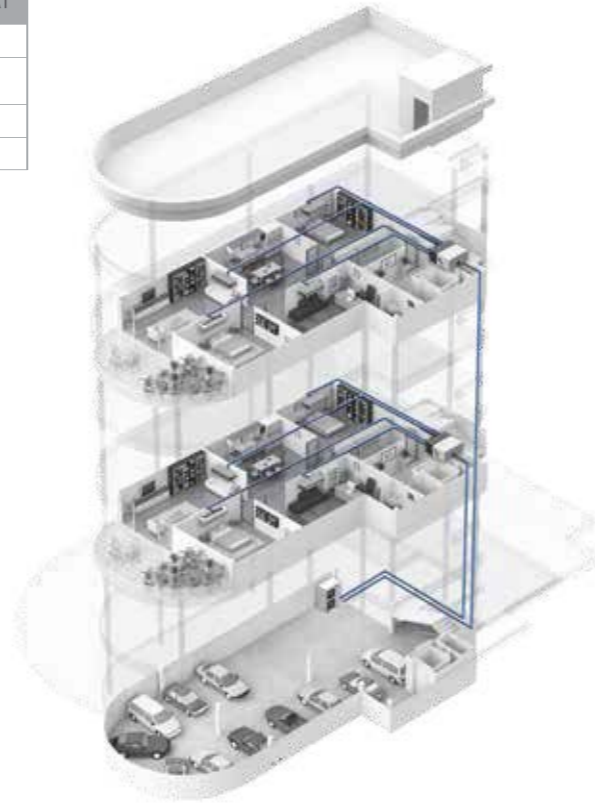
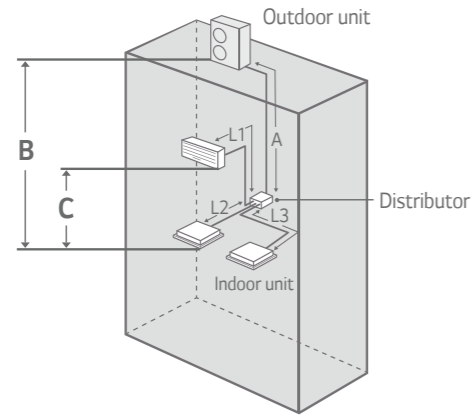
# FLEXIBLE COMBINATION

# OUTDOOR UNITS

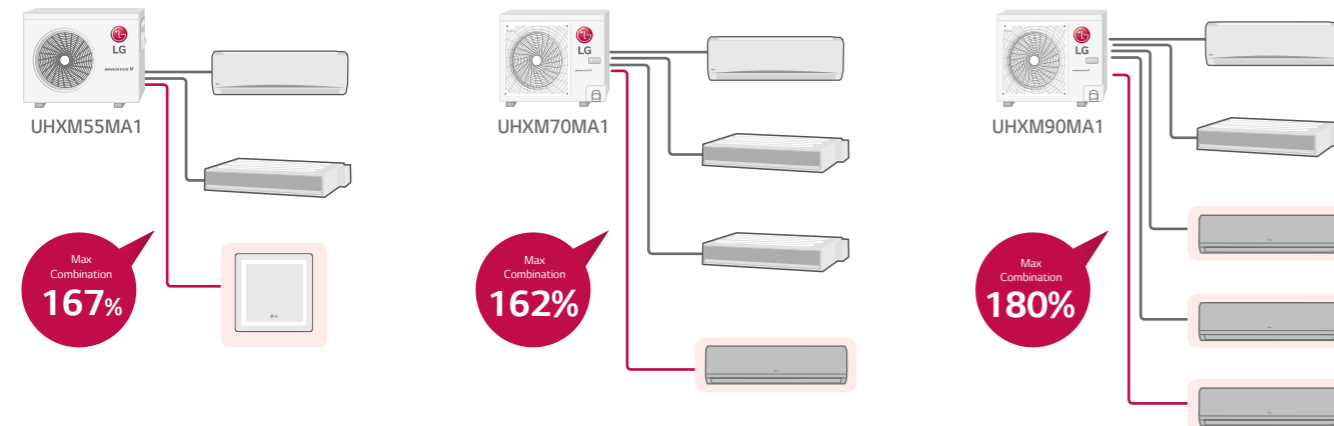
## Long and High Elevation Piping

I Multiple Piping Type I

(m)		UHXM55MA1	UHXM70MA1	UHXM90MA1	UHXM110MA1
Total Piping Length		50	70	75	85
Piping Length per Branch		25	25	25	25
Max. Elevation	Indoor-Outdoor	15	15	15	15
	Indoor-Indoor	7.5	7.5	7.5	7.5



## Indoor Capacity Combination



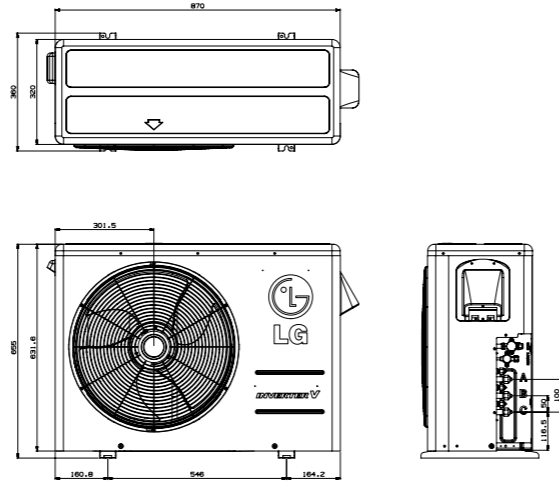
• UHXM110MA1 : 180%



# SPECIFICATIONS

## UHXM55MA1

MULTI F



(Unit : mm)

Outdoor Unit				UHXM55MA1
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Norm/Max	kW	1.35/5.27/6.33
	Heating	Min/Norm/Max	kW	1.41/6.33/7.27
Power Input *	Cooling	Min/Norm/Max	kW	0.14/1.29/2.08
	Heating	Min/Norm/Max	kW	0.18/1.53/2.64
Running Current	Cooling	Min/Norm/Max	A	0.6/6.0/9.0
	Heating	Min/Norm/Max	A	0.8/7.0/11.5
EER				4.57
COP				4.15
Airflow Rate	Norm	m <sup>3</sup> /min		31
		I/S		517
Sound Pressure	Cooling	Norm	dBa	50
	Heating	Norm	dBa	52
Dimensions	WxHxD			870x655x320
Net Weight				45.0
Refrigerant	Type			R410A
	Charge	g		1,700
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.xmm <sup>2</sup>	3C×2.5
Transmission Cable			No.xmm <sup>2</sup>	4C×0.75
Circuit Breaker			A	20
Piping Length Total			m	50
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)×3
	Gas	mm(inch)×No.		ø 9.52 (3/8)×3

Notes :

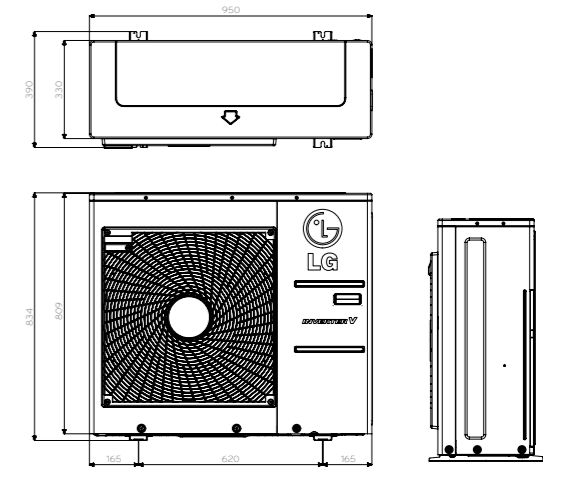
- 1 Capacities are based on the following conditions:  
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB  
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB  
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB  
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F)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

# SPECIFICATIONS

## UHXM70MA1 / UHXM90MA1

MULTI F



(Unit : mm)

Outdoor Unit				UHXM70MA1	UHXM90MA1
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Norm/Max	kW	1.32/7.03/8.5	1.32/8.79/10.6
	Heating	Min/Norm/Max	kW	1.45/8.44/9.38	1.47/10.1/12.1
Power Input *	Cooling	Min/Norm/Max	kW	0.44/1.67/2.59	0.44/2.20/3.3
	Heating	Min/Norm/Max	kW	0.5/1.80/2.99	0.5/2.20/3.7
Running Current	Cooling	Min/Norm/Max	A	2.0/7.2/11.1	2.0/9.9/16.2
	Heating	Min/Norm/Max	A	2.2/8.1/12.8	2.2/9.8/16.5
EER				4.59	4.26
COP				4.59	4.58
Airflow Rate	Norm	m <sup>3</sup> /min		30	30
		I/S		500	500
Sound Pressure	Cooling	Norm	dBa	51	51
	Heating	Norm	dBa	53	53
Dimensions	WxHxD			950x834x330	950x834x330
Net Weight				64.0	64.0
Refrigerant	Type			R410A	R410A
	Charge	g		3,200	3,200
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.xmm <sup>2</sup>	3C×2.5	3C×2.5
Transmission Cable			No.xmm <sup>2</sup>	4C×0.75	4C×0.75
Circuit Breaker			A	25	25
Piping Length Total			m	70	75
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)×4	ø 6.35 (1/4)×5
	Gas	mm(inch)×No.		ø 9.52 (3/8)×4	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.

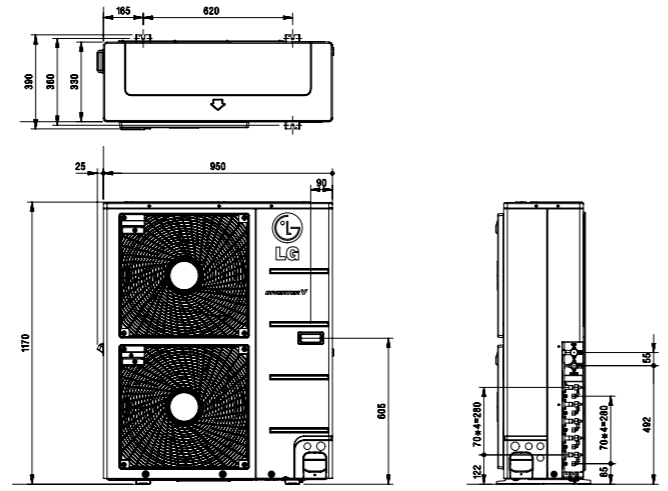
- 2 \* : See page "Combination Table".
- 3 Due to our policy of innovation some specifications may be changed without notification.
- 4 At least two indoor units should be connected.
- 5 Minimum combination capacity rate should be more than 40%.



# INDOOR UNITS

## UHXM110MA1

MULTI F



(Unit : mm)

Outdoor Unit				UHXM110MA1
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Norm/Max	kW	0.88/11.2/13.55
	Heating	Min/Norm/Max	kW	0.97/12.5/15.0
Power Input *	Cooling	Min/Norm/Max	kW	0.78/2.73/4.15
	Heating	Min/Norm/Max	kW	0.82/2.81/4.45
Running Current	Cooling	Min/Norm/Max	A	3.5/12.1/18.4
	Heating	Min/Norm/Max	A	3.6/12.5/19.7
EER				4.38
COP				4.42
Airflow Rate	Norm	m <sup>3</sup> /min		34
		I/S		1,146
Sound Pressure	Cooling	Norm	dB(A)	53
	Heating	Norm	dB(A)	55
Dimensions	WxHxD	mm		950x1,170x330
Net Weight				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.xmm <sup>2</sup>	3Cx3.5
Transmission Cable			No.xmm <sup>2</sup>	4Cx0.75
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)xNo.		ø 6.35 (1/4)x5
	Gas	mm(inch)xNo.		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%.





KEY FEATURES

# WALL MOUNTED

## Plasmaster Ioniser Plus & Auto Cleaning

The Plasmaster Ioniser generates over 3 million plasma ions which filtrate the air in the indoor environment and inside the air conditioning unit itself. The Auto Cleaning function helps to minimise the formation of mould and bacteria on the heat exchanger.

### Filtration and Deodorisation



• Applicable to WH series only.

## Auto Cleaning

Auto Cleaning dries the coil helping to minimise bacteria, mould and odours that can otherwise accumulate in an indoor unit.



KEY FEATURES

# WALL MOUNTED

## LG Skew Fan

Tilting the fan blades by 15° reduces the air surface pressure on the fan, resulting in reduced peak air noise.



Conventional

When the fan rotates, the stabiliser and the fan blade are parallel (= the contact of lines)

→ Instantaneous pressure charge generates noise.

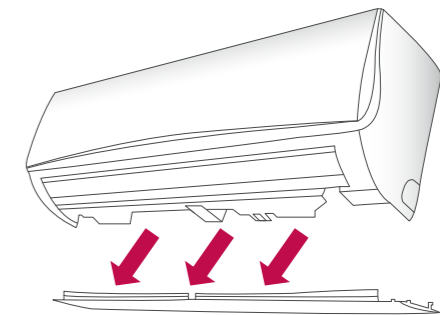
Skew Fan

When the fan rotates, the stabiliser and the fan blade are not in parallel (= the contact of lines)

→ Instantaneous pressure charge generates noise.

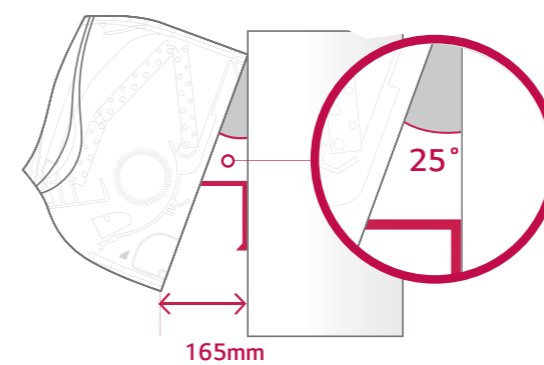
## Detachable Bottom Cover

Due to the structure of the unit the detachable bottom cover can be removed for easy installation.



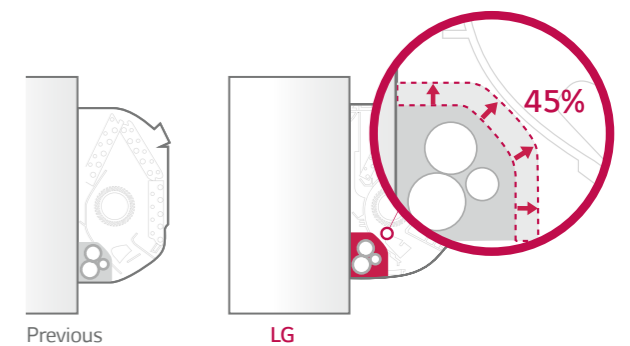
## Installation Support Clip

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



## Wider Piping Space

The piping space is up to 45% wider than previous models for easier installation.



# SPECIFICATIONS

## Indoor units

Capacity (kW)	2.1	2.6	3.5	5.3	7.0
Wall Mounted Standard	MS07AH2	MS09AH2	MS12AH2	MS18AH2	MS24AH2

## WALL MOUNTED STANDARD

Model Name	Units	MS07AH2	MS09AH2	MS12AH2	MS18AH2	MS24AH2		
Power Supply	V / Ø / Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50		
Capacity	Cooling	kW	2.1	2.6	3.5	5.3	7.0	
	Heating	kW	2.4	3.2	4.0	6.3	7.5	
Power Input	Min. / Norm / Max.	W	11 / 17 / 30	11 / 18 / 30	11 / 19 / 30	26 / 39 / 60	27 / 45 / 60	
Running Current	Min. / Norm / Max.	A	0.10 / 0.14 / 0.20	0.10 / 0.16 / 0.20	0.10 / 0.17 / 0.20	0.22 / 0.28 / 0.40	0.24 / 0.33 / 0.40	
Casing Colour	-	Munsell 7.5BG 10/2 (RAL 9016)	Munsell 7.5BG 10/2 (RAL 9016)	Munsell 7.5BG 10/2 (RAL 9016)	Munsell 7.5BG 10/2 (RAL 9016)	Munsell 7.5BG 10/2 (RAL 9016)		
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189	818 x 316 x 189	975 x 354 x 209	975 x 354 x 209
	Shipping	W x H x D	mm	892 x 381 x 249	892 x 381 x 249	892 x 381 x 249	1,063 x 420 x 274	1,063 x 420 x 274
Net Weight	Body	kg (lbs)	8.2 (18.1)	8.2 (18.1)	8.2 (18.1)	10.9 (24.0)	11.5 (25.4)	
	Shipping	kg (lbs)	10.2 (22.5)	10.2 (22.5)	10.2 (22.5)	13.9 (30.6)	14.5 (32.0)	
Heat Exchanger	(Row x Column x Fins) per	-	(2 x 23 x 22) x 1	(2 x 23 x 22) x 1	(2 x 23 x 22) x 1	(2 x 16 x 20) x 1	(2 x 16 x 20) x 1	
	Face Area	m <sup>2</sup> (ft <sup>2</sup> )	0.20 (2.15)	0.20 (2.15)	0.20 (2.15)	0.24 (2.58)	0.24 (2.58)	
Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
	Air Flow Rate	H / M / L	m <sup>3</sup> / min	7.2 / 5.8 / 4.6	7.6 / 6.2 / 4.8	8.0 / 6.6 / 5.5	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4
		H / M / L	L/s	120 / 97 / 76.7	126 / 103 / 80	133 / 110 / 92	263 / 206 / 166	281 / 213 / 173
Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC	
	Output	W x No.	30 x 1	30 x 1	30 x 1	30 x 1	60 x 1	
Sound Pressure Level	H / M / L	dB(A)	35 / 31 / 26	36 / 32 / 27	38 / 34 / 29	44 / 38 / 34	46 / 41 / 36	
Sound Power Level	Max.	dB(A)	56	56	56	59	65	
Piping Connections	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)	
	Drain	(O.D. / I.D.)	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	
Safety Devices	-	-	Fuse	Fuse	Fuse	Fuse	Fuse	
	-	-	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	
Connective Method	-	-	Flared	Flared	Flared	Flared	Flared	
Power & Communication Cable (Included Earth)	No. x mm <sup>2</sup> (AWG)	-	4C x 1.0 (18)	4C x 1.0 (18)	4C x 1.0 (18)	4C x 1.0 (18)	4C x 1.0 (18)	

- Note :** 1. Due to our policy of innovation some specifications may be changed without notification.  
 2. Capacities are in accordance with AS/NZS3823.1.2 Heating: - Indoor Temperature 20°C DB / 15°C WB  
 Cooling: - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 7°C DB / 6°C WB  
 - Outdoor Temperature 35°C DB / 24°C WB  
 3. MS Series: in built Wi-Fi feature (MS09, MS12, MS18, MS24).

# SPECIFICATIONS

## Indoor units

Capacity (kW)	2.6	3.5
1-Way Cassette Type	NHXM30C1A1	NHXM40C1A1

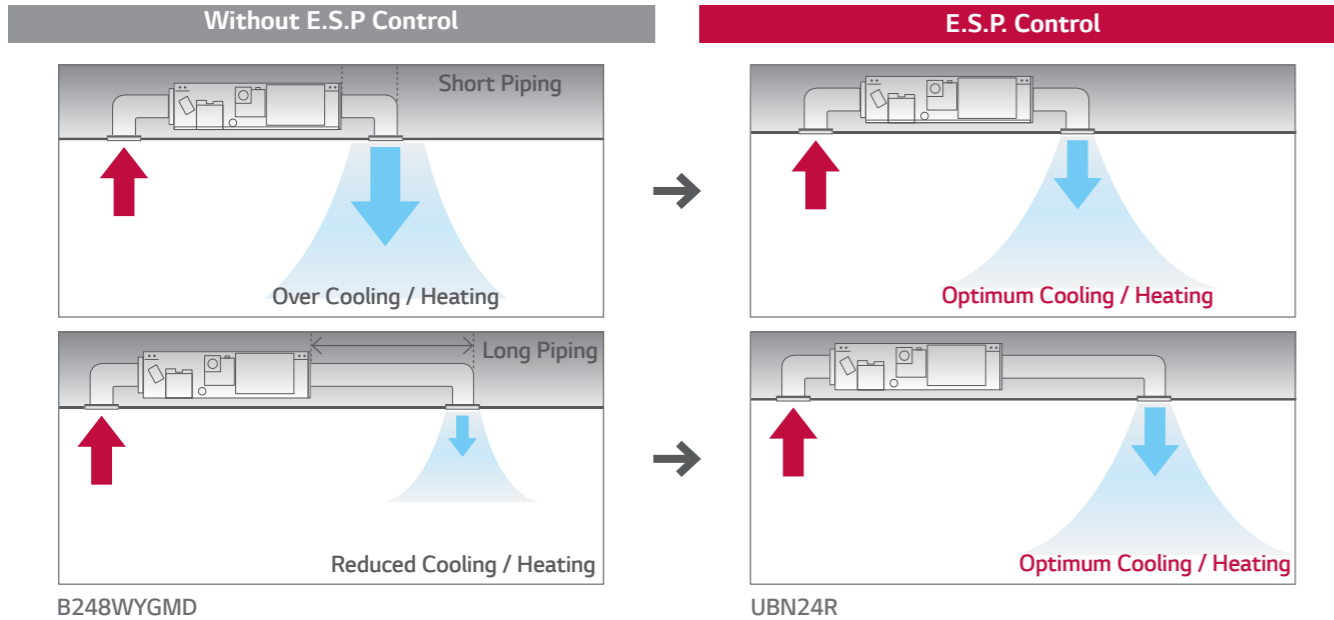
Model Name	Units	NHXM30C1A1	NHXM40C1A1		
Power Supply	V / Ø / Hz	220-240, 1, 50	220-240, 1, 50		
Power Input	W x No.	20 x 1	20 x 1		
Running Current	A	0.2	0.2		
Dimensions	Body	W x H x D	mm	860 x 132 x 450	860 x 132 x 450
	Shipping	W x H x D	mm	860 x 132 x 450	860 x 132 x 450
Net Weight	Body	kg (lbs)	13.5 (29.8)	13.5 (29.8)	
Heat Exchanger	(Row x Column x Fins) per	-	(2 x 12 x 18) x 1	(2 x 12 x 18) x 1	
	Face Area	m <sup>2</sup> (ft <sup>2</sup> )	0.18 (1.90)	0.18 (1.90)	
Fan	Type	-	Cross Flow Fan	Cross Flow Fan	
	Air Flow Rate	H / M / L	L/s	125 / 122 / 113	135 / 123 / 117
Fan Motor	Type	-	BLDC	BLDC	
	Output	W x No.	20 x 1	20 x 1	
Sound Pressure Level	H / M / L	dB(A)	36 / 34 / 32	37 / 36 / 33	
Piping Connections	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	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Safety Devices	-	-	Fuse	Fuse	
	-	-	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	
Power & Communication Cable (Included Earth)	No. x mm <sup>2</sup> (AWG)	4C x 0.75 (18)	4C x 0.75 (18)		
Decoration Panel	Model Name	-	PT-UUC1	PT-UUC1	
	Casing Colour	-	Morning Fog	Morning Fog	
	Dimensions	W x H x D	mm	1,100 x 34 x 500	1,100 x 34 x 500
	Net Weight	kg (lbs)	4.4 (9.7)	4.4 (9.7)	

- Note :** 1. Due to our policy of innovation some specifications may be changed without notification.  
 2. Capacities are in accordance with AS/NZS3823.1.2 Heating: - Indoor Temperature 20°C DB / 15°C WB  
 Cooling: - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 7°C DB / 6°C WB  
 - Outdoor Temperature 35°C DB / 24°C WB  
 3. NHXM Cassette Series: no Wi-Fi feature (NHXM30C1, NHXM40C1).

# SLIM DUCTED

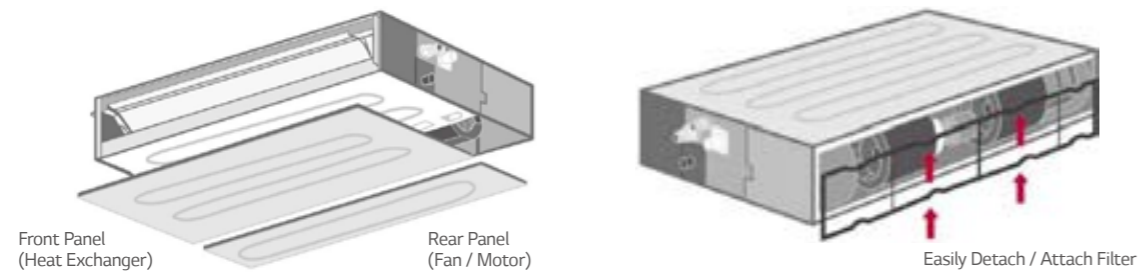
## E.S.P: (External Static Pressure) Control

This feature easily controls volume of the air with a remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. Additional accessories are not required to control air flow.



## 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.



## Drain Pump

An auxiliary condensate drain pump is available as an option for all LG ducted indoor units. This is an ideal solution where drain fall is limited or unavailable. This will lift water up to a 700mm height above the drain outlet.



## CEILING CONCEALED DUCT

# SPECIFICATIONS

## Indoor units

Capacity (kW)	2.6	3.5	5.3	7.0
Low Static Duct	NHXM30D3A1	NHXM40D3A1	NHXM50D3A1	NHXM70D3A1

Model Name		Units	NHXM30D3A1	NHXM40D3A1	NHXM50D3A1	NHXM70D3A1	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input		W	50	95	120	150	
Running Current		A	0.4	0.8	0.8	1.0	
Dimensions	Body	W x H x D	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700	
	Net Weight	kg (lbs)	17.5 (38.6)	24.0 (50.7)	24.0 (50.7)	27 (59.5)	
Heat Exchange	(Row x Column x Fins per inch) x No.		(2 x 11 x 14) x 1	(2 x 11 x 18) x 1	(2 x 11 x 18) x 1	(3 x 11 x 18) x 1	
	Face Area		m <sup>2</sup> (ft <sup>2</sup> )	0.12 (1.32)	0.17 (1.81)	0.17 (1.81)	0.21 (2.31)
Fan	Type		-	Sirocco	Sirocco	Sirocco	
	Air Flow Rate	H / M / L	L/s	150 / 117 / 92	167 / 142 / 117	250 / 208 / 166	333 / 266 / 200
	High-static Mode (factory set)	External Static Pressure	Pa (mmAq)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)
Fan Motor	Type		-	BLDC	BLDC	BLDC	
	Output		W x No.	19 x 1	19 x 1 + 5 x 1	19 x 1 + 5 x 1	19 x 2
Sound Pressure Level		H / M / L	dB(A)	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Sound Power Level		Max.	dB(A)	49	52	54	58
Piping Connections	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)
	Drain (O.D. / I.D.)		mm	Ø 32 / 25	Ø 32 / 25	Ø 32 / 25	Ø 32 / 25
Safety Devices		-	Fuse	Fuse	Fuse	Fuse	
Power and Communication Cable (Included Earth)		No. x mm <sup>2</sup> (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
 2. Capacities are in accordance with AS/NZS3823.1.2 Heating: - Indoor Temperature 20°C DB / 15°C WB  
 Cooling: - Indoor Temperature 27°C DB / 19°C WB  
 - Outdoor Temperature 35°C DB / 24°C WB  
 3. NHXM low Static Ducted: Wi-Fi Option available (NHXM30D3, NHXM40D3, NHXM50D3, NHXM70D3).

## Multiple Combinations



4 Outdoor Units

16 Indoor Units

\* Across Multi F range.



# COMBINATION TABLE

## UHXM55MA1

Operation	Combination (kW)				Cooling								
					Each Capacity (kW)			Total Capacity (kW)			Total Input (W)		
	UIN-T-A	UIN-T-B	UIN-T-C	Total	UIN-T-A	UIN-T-B	UIN-T-C	Min	Rated	Max	Min	Rated	Max
1Unit	7	-	-	7	2.1	-	-	1.3	2.1	2.5	196	502	809
	9	-	-	9	2.6	-	-	1.6	2.6	3.2	252	645	1,040
	12	-	-	12	3.5	-	-	2.1	3.5	4.2	336	860	1,387
	18	-	-	18	5.3	-	-	3.2	5.3	6.3	504	1,290	2,080
2Unit	7	7	-	14	2.1	2.1	-	2.5	4.1	4.9	392	1,003	1,618
	7	9	-	16	2.1	2.6	-	2.8	4.7	5.6	448	1,147	1,849
	9	9	-	18	2.6	2.6	-	3.2	5.3	6.3	504	1,290	2,080
	7	12	-	19	1.9	3.3	-	3.2	5.3	6.3	504	1,290	2,080
	9	12	-	21	2.3	3.0	-	3.2	5.3	6.3	504	1,290	2,080
	12	12	-	24	2.6	2.6	-	3.2	5.3	6.3	504	1,290	2,080
	7	18	-	25	1.5	3.8	-	3.2	5.3	6.3	504	1,290	2,080
	9	18	-	27	1.8	3.5	-	3.2	5.3	6.3	504	1,290	2,080
3Unit	12	18	-	30	2.1	3.2	-	3.2	5.3	6.3	504	1,290	2,080
	7	7	7	21	1.8	1.8	1.8	3.2	5.3	6.3	504	1,290	2,080
	7	7	9	23	1.6	1.6	2.1	3.2	5.3	6.3	504	1,290	2,080
	7	9	9	25	1.5	1.9	1.9	3.2	5.3	6.3	504	1,290	2,080
	7	7	12	26	1.4	1.4	2.4	3.2	5.3	6.3	504	1,290	2,080
	9	9	9	27	1.8	1.8	1.8	3.2	5.3	6.3	504	1,290	2,080
	7	9	12	28	1.3	1.7	2.3	3.2	5.3	6.3	504	1,290	2,080
	9	9	12	30	1.6	1.6	2.1	3.2	5.3	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 8.78kW  
 4. At least two indoor units should be connected.

Operation	Combination (kW)				Heating								
					Each Capacity (kW)			Total Capacity (kW)			Total Input (W)		
	UIN-T-A	UIN-T-B	UIN-T-C	Total	UIN-T-A	UIN-T-B	UIN-T-C	Min	Rated	Max	Min	Rated	Max
1Unit	7	-	-	7	2.5	-	-	1.4	2.5	2.8	196	502	809
	9	-	-	9	3.2	-	-	1.9	3.2	3.6	252	645	1,040
	12	-	-	12	4.2	-	-	2.5	4.2	4.9	336	860	1,387
	18	-	-	18	6.3	-	-	3.8	6.3	7.3	504	1,290	2,080
2Unit	7	7	-	14	2.5	2.5	-	3.0	4.9	5.7	392	1,003	1,618
	7	9	-	16	2.5	3.2	-	3.4	5.6	6.5	448	1,147	1,849
	9	9	-	18	3.2	3.2	-	3.8	6.3	7.3	504	1,290	2,080
	7	12	-	19	2.3	4.0	-	3.8	6.3	7.3	598	1,530	2,467
	9	12	-	21	3.2	4.2	-	4.4	7.4	8.5	598	1,530	2,467
	12	12	-	24	3.2	3.2	-	3.8	6.3	7.3	598	1,530	2,467
	7	18	-	25	1.8	4.6	-	3.8	6.3	7.3	598	1,530	2,467
	9	18	-	27	2.1	4.2	-	3.8	6.3	7.3	598	1,530	2,467
3Unit	12	18	-	30	2.5	3.8	-	3.8	6.3	7.3	598	1,530	2,467
	7	7	7	21	2.1	2.1	2.1	3.8	6.3	7.3	598	1,530	2,467
	7	7	9	23	1.9	1.9	2.5	3.8	6.3	7.3	598	1,530	2,467
	7	9	9	25	1.8	2.3	2.3	3.8	6.3	7.3	598	1,530	2,467
	7	7	12	26	1.7	1.7	2.9	3.8	6.3	7.3	598	1,530	2,467
	9	9	9	27	2.1	2.1	2.1	3.8	6.3	7.3	598	1,530	2,467
	7	9	12	28	1.6	2.0	2.7	3.8	6.3	7.3	598	1,530	2,467
	9	9	12	30	1.9	1.9	2.5	3.8	6.3	7.3	598	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 8.78kW  
 4. At least two indoor units should be connected.

## UHXM70MA1

Operation	Combination (kW)					Cooling										
						Each Capacity (kW)				Total Capacity (kW)			Total Input (W)			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max	
1Unit	7	-	-	-	7	2.1	-	-	-	1.8	2.1	2.3	444	740	1,029	
	9	-	-	-	9	2.6	-	-	-	1.8	2.6	2.9	540	900	1,167	
	12	-	-	-	12	3.5	-	-	-	2.1	3.5	3.9	660	1,100	1,294	
	18	-	-	-	18	5.3	-	-	-	3.2	5.3	5.8	1,020	1,700	2,225	
2Unit	24	-	-	-	24	7.0	-	-	-	4.2	7.0	7.5	1,470	2,450	3,088	
	7	7	-	-	14	2.1	2.1	-	-	2.5	4.1	4.5	492	820	980	
	7	9	-	-	16	2.1	2.6	-	-	2.8	4.7	5.2	636	1,060	1,294	
	9	9	-	-	18	2.6	2.6	-	-	3.2	5.3	5.8	810	1,350	1,676	
	7	12	-	-	19	2.1	3.5	-	-	3.3	5.6	6.1	924	1,540	1,843	
	9	12	-	-	21	2.6	3.5	-	-	3.7	6.2	6.8	1,128	1,880	2,441	
	12	12	-	-	24	3.4	3.4	-	-	4.0	6.7	7.5	1,374	2,290	2,854	
	7	18	-	-	25	2.0	5.1	-	-	4.2	7.0	7.8	1,410	2,350	3,147	
	9	18	-	-	27	2.3	4.7	-	-	4.2	7.0	8.1	1,410	2,350	3,147	
	12	18	-	-	30	2.8	4.2	-	-	4.2	7.0	8.4	1,410	2,350	3,147	
	7	24	-	-	31	1.6	5.4	-	-	4.2	7.0	8.5	1,410	2,350	3,147	
	9	24	-	-	33	1.9	5.1	-	-	4.2	7.0	8.5	1,410	2,350	3,147	
	18	18	-	-	36	3.5	3.5	-	-	4.2	7.0	8.5	1,410	2,350	3,147	
	12	24	-	-	36	2.3	4.7	-	-	4.2	7.0	8.5	1,410	2,350	3,147	
	3Unit	7	7	7	-	21	2.1	2.1	2.1	-	3.7	6.2	7.4	738	1,230	1,588
		7	7	9	-	23	2.1	2.1	2.6	-	4.0	6.7	8.1	912	1,520	1,814
7		9	9	-	25	2.0	2.5	2.5	-	4.2	7.0	8.4	990	1,650	1,971	
7		7	12	-	26	1.9	1.9	3.2	-	4.2	7.0	8.4	990	1,650	1,971	
9		9	9	-	27	2.3	2.3	2.3	-	4.2	7.0	8.4	990	1,650	1,971	
7		9	12	-	28	1.8	2.3	3.0	-	4.2	7.0	8.4	990	1,650	1,971	
9		9	12	-	30	2.1	2.1	2.8	-	4.2	7.0	8.4	990	1,650	1,971	
7		12	12	-	31	1.6	2.7	2.7	-	4.2	7.0	8.4	990	1,650	1,971	
7		7	18	-	32	1.5	1.5	4.0	-	4.2	7.0	8.4	990	1,650	1,971	
9		12	12	-	33	1.9	2.6	2.6	-	4.2	7.0	8.4	990	1,650	1,971	
7		9	18	-	34	1.4	1.9	3.7	-	4.2	7.0	8.4	990	1,650	1,971	
12		12	12	-	36	2.3	2.3	2.3	-	4.2	7.0	8.4	990	1,650	1,971	
9		9	18	-	36	1.8	1.8	3.5	-	4.2	7.0	8.4	990	1,650	1,971	
7		12	18	-	37	1.3	2.3	3.4	-	4.2	7.0	8.4	990	1,650	1,971	
7		7	24	-	38	1.3	1.3	4.4	-	4.2	7.0	8.4	990	1,650	1,971	
9		12	18	-	39	1.6	2.2	3.2	-	4.2	7.0	8.4	990	1,650	1,971	
4Unit		7	7	7	7	28	1.8	1.8	1.8	1.8	4.2	7.0	8.4	990	1,670	2,510
		7	7	7	9	30	1.6	1.6	1.6	2.1	4.2	7.0	8.5	990	1,670	2,590
		7	7	7	12	33	1.5	1.5	1.5	2.6	4.2	7.0	8.5	990	1,670	2,590
		7	9	9	9	34	1.4	1.9	1.9	1.9	4.2	7.0	8.5	990	1,670	2,590
		7	7	9	12	35	1.4	1.4	1.8	2.4	4.2	7.0	8.5	990	1,670	2,590
		9	9	9	9	36	1.8	1.8	1.8	1.8	4.2	7.0	8.5	990	1,670	2,590
		7	9	9	12	37	1.3	1.7	1.7	2.3	4.2	7.0	8.5	990	1,670	2,590
		7	7	12	12	38	1.3	1.3	2.2	2.2	4.2	7.0	8.5	990	1,670	2,590
	9	9	9	12	39	1.6	1.6	1.6	2.2	4.2	7.0	8.5	990	1,670	2,590	
	7	7	7	18	39	1.3	1.3	1.3	3.2	4.2	7.0	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 11.42kW  
 4. At least two indoor units should be connected.

# COMBINATION TABLE

Operation	Combination (kW)					Heating									
						Each Capacity (kW)				Total Capacity (kW)			Total Input (W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Min	Rated	Max	Min	Rated	Max
1Unit	7	-	-	-	7	2.3	-	-	-	2.2	2.3	2.6	510	850	1,294
	9	-	-	-	9	2.9	-	-	-	2.2	2.9	3.2	534	890	1,471
	12	-	-	-	12	3.9	-	-	-	2.3	3.9	4.2	582	970	1,676
	18	-	-	-	18	5.8	-	-	-	3.5	5.8	6.4	1,152	1,920	2,157
	24	-	-	-	24	7.4	-	-	-	4.5	7.4	7.8	1,416	2,360	3,431
2Unit	7	7	-	-	14	2.5	2.5	-	-	3.0	4.9	5.4	762	1,270	2,507
	7	9	-	-	16	2.5	3.2	-	-	3.4	5.6	6.2	834	1,390	2,167
	9	9	-	-	18	3.2	3.2	-	-	3.8	6.3	6.9	1,104	1,840	2,931
	7	12	-	-	19	2.5	4.2	-	-	4.0	6.7	7.3	1,206	2,010	3,039
	9	12	-	-	21	3.2	4.2	-	-	4.4	7.4	8.1	1,356	2,260	3,225
	12	12	-	-	24	3.9	3.9	-	-	4.6	7.7	8.5	1,608	2,680	3,412
	7	18	-	-	25	2.3	5.9	-	-	4.9	8.1	8.8	1,608	2,680	3,412
	9	18	-	-	27	2.8	5.6	-	-	5.1	8.4	9.2	1,608	2,680	3,412
	12	18	-	-	30	3.4	5.1	-	-	5.1	8.4	9.4	1,608	2,680	3,412
	7	24	-	-	31	1.9	6.5	-	-	5.1	8.4	9.4	1,608	2,680	3,412
	9	24	-	-	33	2.3	6.1	-	-	5.1	8.4	9.4	1,608	2,680	3,412
	18	18	-	-	36	4.2	4.2	-	-	5.1	8.4	9.4	1,608	2,680	3,412
12	24	-	-	36	2.8	5.6	-	-	5.1	8.4	9.4	1,608	2,680	3,412	
3Unit	7	7	7	-	21	2.5	2.5	2.5	-	4.4	7.4	8.1	1,026	1,710	2,873
	7	7	9	-	23	2.5	2.5	3.2	-	4.9	8.1	8.8	1,122	1,870	3,275
	7	9	9	-	25	2.4	3.0	3.0	-	5.1	8.4	8.8	1,188	1,980	3,647
	7	7	12	-	26	2.3	2.3	3.9	-	5.1	8.4	9.2	1,188	1,980	3,647
	9	9	9	-	27	2.8	2.8	2.8	-	5.1	8.4	9.2	1,188	1,980	3,647
	7	9	12	-	28	2.1	2.7	3.6	-	5.1	8.4	9.4	1,188	1,980	3,647
	9	9	12	-	30	2.5	2.5	3.4	-	5.1	8.4	9.4	1,188	1,980	3,647
	7	12	12	-	31	1.9	3.3	3.3	-	5.1	8.4	9.4	1,188	1,980	3,647
	7	7	18	-	32	1.8	1.8	4.7	-	5.1	8.4	9.4	1,188	1,980	3,647
	9	12	12	-	33	2.3	3.1	3.1	-	5.1	8.4	9.4	1,188	1,980	3,647
	7	9	18	-	34	1.7	2.2	4.5	-	5.1	8.4	9.4	1,188	1,980	3,647
	12	12	12	-	36	2.8	2.8	2.8	-	5.1	8.4	9.4	1,188	1,980	3,647
	9	9	18	-	36	2.1	2.1	4.2	-	5.1	8.4	9.4	1,188	1,980	3,647
	7	12	18	-	37	1.6	2.7	4.1	-	5.1	8.4	9.4	1,188	1,980	3,647
	7	7	24	-	38	1.6	1.6	5.3	-	5.1	8.4	9.4	1,188	1,980	3,647
9	12	18	-	39	1.9	2.6	3.9	-	5.1	8.4	9.4	1,188	1,980	3,647	
4Unit	7	7	7	7	28	2.1	2.1	2.1	2.1	5.1	8.4	9.2	1,110	1,800	2,910
	7	7	7	9	30	2.0	2.0	2.0	2.5	5.1	8.4	9.4	1,110	1,800	2,990
	7	7	9	9	32	1.8	1.8	2.4	2.4	5.1	8.4	9.4	1,110	1,800	2,990
	7	7	7	12	33	1.8	1.8	1.8	3.1	5.1	8.4	9.4	1,110	1,800	2,990
	7	9	9	9	34	1.7	2.2	2.2	2.2	5.1	8.4	9.4	1,110	1,800	2,990
	7	7	9	12	35	1.7	1.7	2.2	2.9	5.1	8.4	9.4	1,110	1,800	2,990
	9	9	9	9	36	2.1	2.1	2.1	2.1	5.1	8.4	9.4	1,110	1,800	2,990
	7	9	9	12	37	1.6	2.1	2.1	2.7	5.1	8.4	9.4	1,110	1,800	2,990
	7	7	12	12	38	1.6	1.6	2.7	2.7	5.1	8.4	9.4	1,110	1,800	2,990
	9	9	9	12	39	1.9	1.9	1.9	2.6	5.1	8.4	9.4	1,110	1,800	2,990
	7	7	7	18	39	1.5	1.5	1.5	3.9	5.1	8.4	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 11.42kW  
 4. At least two indoor units should be connected.

## UHXM90MA1

Operation	Combination (kW)					Cooling											
						Each Capacity (kW)				Total Capacity (kW)			Total Input (W)				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max
1Unit	7	-	-	-	-	7	2.1	-	-	-	1.9	2.1	2.3	444	740	1,029	
	9	-	-	-	-	9	2.6	-	-	-	1.9	2.6	2.9	540	900	1,167	
	12	-	-	-	-	12	3.5	-	-	-	2.1	3.5	3.9	660	1,100	1,294	
	18	-	-	-	-	18	5.3	-	-	-	3.2	5.3	5.8	1,020	1,700	2,225	
	24	-	-	-	-	24	7.0	-	-	-	4.2	7.1	7.5	1,470	2,450	3,088	
2Unit	7	7	-	-	-	14	2.1	2.1	-	-	2.5	4.1	4.7	492	820	980	
	7	9	-	-	-	16	2.1	2.6	-	-	2.8	4.7	5.4	636	1,060	1,294	
	9	9	-	-	-	18	2.6	2.6	-	-	3.2	5.3	6.1	810	1,350	1,676	
	7	12	-	-	-	19	2.1	3.5	-	-	3.4	5.6	6.1	924	1,540	1,843	
	9	12	-	-	-	21	2.6	3.5	-	-	3.7	6.2	6.8	1,128	1,880	2,441	
	12	12	-	-	-	24	3.5	3.5	-	-	4.2	7.1	7.8	1,410	2,350	3,147	
	7	18	-	-	-	25	2.1	5.3	-	-	4.4	7.4	8.5	1,542	2,570	3,304	
	9	18	-	-	-	27	2.6	5.3	-	-	4.8	7.9	9.1	1,770	2,950	3,586	
	12	18	-	-	-	30	3.5	5.3	-	-	5.3	8.8	9.7	1,950	3,250	3,667	
	7	24	-	-	-	31	2.0	6.8	-	-	5.3	8.8	9.7	1,950	3,250	3,667	
	9	24	-	-	-	33	2.4	6.4	-	-	5.3	8.8	9.7	1,950	3,250	3,667	
	18	18	-	-	-	36	4.4	4.4	-	-	5.3	8.8	10.1	1,950	3,250	3,667	
12	24	-	-	-	36	2.9	5.9	-	-	5.3	8.8	9.7	1,950	3,250	3,667		
18	24	-	-	-	42	3.8	5.0	-	-	5.3	8.8	9.7	1,950	3,250	3,667		
24	24	-	-	-	48	4.4	4.4	-	-	5.3	8.8	9.7	1,950	3,250	3,667		
3Unit	7	7	7	-	-	21	2.1	2.1	2.1	-	3.7	6.2	7.1	738	1,230	1,588	
	7	7	9	-	-	23	2.1	2.1	2.6	-	4.1	6.8	7.8	912	1,520	1,814	
	7	9	9	-	-	25	2.1	2.6	2.6	-	4.4	7.4	8.5	1,080	1,800	2,167	
	7	7	12	-	-	26	2.1	2.1	3.5	-	4.6	7.6	8.8	1,176	1,960	2,529	
	9	9	9	-	-	27	2.6	2.6	2.6	-	4.8	7.9	9.1	1,248	2,080	2,647	
	7	9	12	-	-	28	2.1	2.6	3.5	-	4.9	8.2	9.5	1,338	2,230	2,794	
	9	9	12	-	-	30	2.6	2.6	3.5	-	5.3	8.8	9.9	1,584	2,640	3,206	
	7	12	12	-	-	31	2.0	3.4	3.4	-	5.3	8.8	9.9	1,584	2,640	3,206	
	7	7	18	-	-	32	1.9	1.9	4.9	-	5.3	8.8	10.1	1,584	2,640	3,206	
	9	12	12	-	-	33	2.4	3.2	3.2	-	5.3	8.8	9.9	1,584	2,640	3,206	
	7	9	18	-	-	34	1.8	2.3	4.7	-	5.3	8.8	10.1	1,584	2,640	3,206	
	12	12	12	-	-	36	2.9	2.9	2.9	-	5.3	8.8	9.9	1,584	2,640	3,206	
	9	9	18	-	-	36	2.2	2.2	4.4	-	5.3	8.8	9.9	1,584	2,640	3,206	
	7	12	18	-	-	37	1.7	2.9	4.3	-	5.3	8.8	9.9	1,584	2,640	3,206	
	7	7	24	-	-	38	1.6	1.6	5.6	-	5.3	8.8	9.9	1,584	2,640	3,206	
9	12	18	-	-	39	2.0	2.7	4.1	-	5.3	8.8	9.9	1,584	2,640	3,206		
7	9	24	-	-	40	1.5	2.0	5.3	-	5.3	8.8	9.9	1,584	2,640	3,206		
12	12	18	-	-	42	2.5	2.5	3.8	-	5.3	8.8	9.9	1,584	2,640	3,206		
9	9	24	-	-	42	1.9	1.9	5.0	-	5.3	8.8	9.9	1,584	2,640	3,206		
7	18	18	-	-	43	1.4	3.7	3.7	-	5.3	8.8	9.9	1,584	2,640	3,206		
7	12	24	-	-	43	1.4	2.5	4.9	-	5.3	8.8	9.9	1,584	2,640	3,206		
9	18	18	-	-	45	1.8	3.5	3.5	-	5.3	8.8	9.9	1,584	2,640	3,206		
9	12	24	-	-	45	1.8	2.3	4.7	-	5.3	8.8	9.9	1,584	2,640	3,206		
12	18	18	-	-	48	2.2	3.3	3.3	-	5.3	8.8	9.9	1,584	2,640	3,206		
12	12	24	-	-	48	2.2	2.2	4.4	-	5.3	8.8	9.9	1,584	2,640	3,206		
7	18	24	-	-	49	1.3	3.2	4.3	-	5.3	8.8	9.9	1,584	2,640	3,206		
9	18	24	-	-	51	1.6	3.1	4.1	-	5.3	8.8	9.9	1,584	2,640	3,206		
12	18	24	-	-	54	2.0	2.9	3.9	-	5.3	8.8	9.9	1,584	2,640	3,206		
18	18	18	-	-	54	2.9	2.9	2.9	-	5.3	8.8	9.9	1,584	2,640	3,206		
4Unit	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	4.9	8.2	9.9	1,224	2,040	3,137
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	5.3	8.8	10.6	1,350	2,250	3,422

# COMBINATION TABLE

## UHXM90MA1

Operation	Combination (kW)						Cooling										
							Each Capacity (kW)					Total Capacity (kW)			Total Input (W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max
5Unit	7	7	7	7	7	35	1.8	1.8	1.8	1.8	1.8	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	7	9	37	1.7	1.7	1.7	1.7	2.1	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	9	9	39	1.6	1.6	1.6	2.0	2.0	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	7	12	40	1.5	1.5	1.5	1.5	2.6	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	9	9	9	41	1.5	1.5	1.5	1.9	1.9	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	9	12	42	1.5	1.5	1.5	1.9	2.5	5.3	8.8	10.6	1,280	2,200	3,380
	7	9	9	9	9	43	1.4	1.8	1.8	1.8	1.8	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	9	9	12	44	1.4	1.4	1.8	1.8	2.4	5.3	8.8	10.6	1,280	2,200	3,380
	9	9	9	9	9	45	1.8	1.8	1.8	1.8	1.8	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	7	18	46	1.3	1.3	1.3	1.3	3.4	5.3	8.8	10.6	1,280	2,200	3,380
	7	9	9	9	12	46	1.3	1.7	1.7	1.7	2.3	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	9	12	12	47	1.3	1.3	1.7	2.2	2.2	5.3	8.8	10.6	1,280	2,200	3,380
	9	9	9	9	12	48	1.6	1.6	1.6	1.6	2.2	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	9	18	48	1.3	1.3	1.3	1.6	3.3	5.3	8.8	10.6	1,280	2,200	3,380
	7	9	9	12	12	49	1.3	1.6	1.6	2.2	2.2	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	12	12	12	50	1.2	1.2	2.1	2.1	2.1	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	9	9	18	50	1.2	1.2	1.6	1.6	3.2	5.3	8.8	10.6	1,280	2,200	3,380
	9	9	9	12	12	51	1.6	1.6	1.6	2.1	2.1	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	12	18	51	1.2	1.2	1.2	2.1	3.1	5.3	8.8	10.6	1,280	2,200	3,380
	7	9	12	12	12	52	1.2	1.5	2.0	2.0	2.0	5.3	8.8	10.6	1,280	2,200	3,380
	7	9	9	9	18	52	1.3	1.5	1.5	1.5	3.0	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	7	24	52	1.2	1.2	1.2	4.1	5.3	8.8	10.6	1,280	2,200	3,380	
	7	7	9	12	18	53	1.2	1.2	1.5	2.0	3.0	5.3	8.8	10.6	1,280	2,200	3,380
	7	7	7	9	24	54	1.1	1.1	1.1	1.5	3.9	5.3	8.8	10.6	1,280	2,200	3,380
	9	9	9	9	18	54	1.5	1.5	1.5	1.5	2.9	5.3	8.8	10.6	1,280	2,200	3,380
	9	9	12	12	12	54	1.5	1.5	2.0	2.0	2.0	5.3	8.8	10.6	1,280	2,200	3,380

Operation	Combination (kW)						Heating										
							Each Capacity (kW)					Total Capacity (kW)			Total Input (W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max
1Unit	7	-	-	-	-	7	2.3	-	-	-	-	2.2	2.3	2.6	510	850	1,294
	9	-	-	-	-	9	2.9	-	-	-	-	2.2	2.9	3.2	534	890	1,471
	12	-	-	-	-	12	3.9	-	-	-	-	2.3	3.9	4.3	582	970	1,676
	18	-	-	-	-	18	5.8	-	-	-	-	3.5	5.8	6.4	1,152	1,920	2,157
	24	-	-	-	-	24	7.4	-	-	-	-	4.5	7.4	7.8	1,416	2,360	3,431
2Unit	7	7	-	-	-	14	2.5	2.5	-	-	-	3.0	4.9	5.7	762	1,270	2,507
	7	9	-	-	-	16	2.5	3.2	-	-	-	3.4	5.6	6.5	834	1,390	2,167
	9	9	-	-	-	18	3.2	3.2	-	-	-	3.8	6.3	7.3	1,104	1,840	2,931
	7	12	-	-	-	19	2.5	4.2	-	-	-	4.0	6.7	7.4	1,206	2,010	3,039
	9	12	-	-	-	21	3.2	4.2	-	-	-	4.4	7.4	8.1	1,356	2,260	3,225
	12	12	-	-	-	24	4.2	4.2	-	-	-	5.1	8.4	9.3	1,608	2,680	3,412
	7	18	-	-	-	25	2.5	6.3	-	-	-	5.3	8.8	10.1	1,656	2,760	3,578
	9	18	-	-	-	27	3.2	6.3	-	-	-	5.7	9.5	10.9	1,728	2,880	3,627
	12	18	-	-	-	30	4.0	6.1	-	-	-	6.1	10.1	11.1	1,728	2,880	3,627
	7	24	-	-	-	31	2.3	7.8	-	-	-	6.1	10.1	11.1	1,728	2,880	3,627
3Unit	7	7	7	-	-	21	2.5	2.5	2.5	-	-	4.4	7.4	8.5	1,026	1,710	2,873
	7	9	9	-	-	23	2.5	2.5	3.2	-	-	4.9	8.1	9.3	1,122	1,870	3,275
	7	9	9	-	-	25	2.5	3.2	3.2	-	-	5.3	8.8	10.1	1,260	2,100	3,735
	7	7	12	-	-	26	2.5	2.5	4.2	-	-	5.5	9.1	10.5	1,326	2,210	3,735
	9	9	9	-	-	27	3.2	3.2	3.2	-	-	5.7	9.5	10.9	1,428	2,380	3,775
	7	9	12	-	-	28	2.5	3.2	4.2	-	-	5.9	9.8	11.3	1,524	2,540	3,775
	9	9	12	-	-	30	3.0	3.0	4.0	-	-	6.1	10.1	11.3	1,584	2,640	3,775
	7	12	12	-	-	31	2.3	3.9	3.9	-	-	6.1	10.1	11.3	1,584	2,640	3,775
	7	7	18	-	-	32	2.2	2.2	5.7	-	-	6.1	10.1	11.6	1,584	2,640	3,775
	9	12	12	-	-	33	2.8	3.7	3.7	-	-	6.1	10.1	11.3	1,584	2,640	3,775
	7	9	18	-	-	34	2.1	2.7	5.4	-	-	6.1	10.1	11.6	1,584	2,640	3,775
	12	12	12	-	-	36	3.4	3.4	3.4	-	-	6.1	10.1	11.3	1,584	2,640	3,775
	9	9	18	-	-	36	2.5	2.5	5.1	-	-	6.1	10.1	11.3	1,584	2,640	3,775
	7	12	18	-	-	37	1.9	3.3	4.9	-	-	6.1	10.1	11.3	1,584	2,640	3,775
	7	7	24	-	-	38	1.9	1.9	6.4	-	-	6.1	10.1	11.3	1,584	2,640	3,775
9	12	18	-	-	39	2.3	3.1	4.7	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
7	9	24	-	-	40	1.8	2.3	6.1	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
12	12	18	-	-	42	2.9	2.9	4.3	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
9	9	24	-	-	42	2.2	2.2	5.8	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
7	18	18	-	-	43	1.6	4.2	4.2	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
7	12	24	-	-	43	1.6	2.8	5.6	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
9	18	18	-	-	45	2.0	4.0	4.0	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
9	12	24	-	-	45	2.0	2.7	5.4	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
12	18	18	-	-	48	2.5	3.8	3.8	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
12	12	24	-	-	48	2.5	2.5	5.1	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
7	18	24	-	-	49	1.4	3.6	4.8	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
9	18	24	-	-	51	1.8	3.6	4.8	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
12	18	24	-	-	54	2.2	3.4	4.5	-	-	6.1	10.1	11.3	1,584	2,640	3,775	
18	18	18	-	-	54	3.4	3.4	3.4	-	-	6.1	10.1	11.3	1,584	2,640	3,775	

## UHXM90MA1

Operation	Combination (kW)						Heating										
							Each Capacity (kW)					Total Capacity (kW)			Total Input (W)		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	kW	kW	kW	Min	Rated	Max
4Unit	7	7	7	7	-	28	2.5	2.5	2.5	2.5	-	5.9	9.8	11.8	1,356	2,260	3,745
	7	7	7	9	-	30	2.4	2.4	2.4	3.0	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	7	9	9	-	32	2.2	2.2	2.8	2.8	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	9	9	9	-	34	2.1	2.7	2.7	2.7	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	7	9	12	-	35	2.0	2.0	2.6	3.5	-	6.1	10.1	12.1	1,482	2,470	3,775
	9	9	9	9	-	36	2.5	2.5	2.5	2.5	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	9	9	12	-	37	1.9	2.5	2.5	3.3	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	7	12	12	-	38	1.9	1.9	3.2	3.2	-	6.1	10.1	11.6	1,482	2,470	3,775
	9	9	9	12	-	39	2.3	2.3	2.3	3.1	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	7	7	18	-	39	1.8	1.8	1.8	4.7	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	9	12	12	-	40	1.8	2.3	3.0	3.0	-	6.1	10.1	11.6	1,482	2,470	3,775
	7	7	9	18	-	41	1.7	1.7	2.2	4.4	-	6.1	10.1	11.6	1,482	2,470	3,775
	9	9	12	12	-	42	2.2	2.2	2.9	2.9	-	6.1	10.1	11.6	1,482	2,470	3,775
	7	12	12	12	-	43	1.6	2.8	2.8	2.8	-	6.1	10.1	11.6	1,482	2,470	3,775
	7	9	9	18	-	43	1.6	2.1	2.1	4.2	-	6.1	10.1	12.1	1,482	2,470	3,775
	7	7	12	18	-	44	1.6	1.6	2.8	4.1	-	6.1	10.1	12.1	1,482	2,470	3,775



# COMBINATION TABLE

## UHXM110MA1

Operation	Combination (kW)						Cooling										
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	Each Capacity (kW)					Total Capacity (kW)			Total Input (W)		
							UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max
1Unit	7	-	-	-	-	7	2.1	-	-	-	-	1.2	2.1	2.5	780	1,120	1,703
	9	-	-	-	-	9	2.6	-	-	-	-	1.6	2.6	3.2	780	1,120	1,703
	12	-	-	-	-	12	3.5	-	-	-	-	2.1	3.5	4.2	780	1,120	1,703
	18	-	-	-	-	18	5.3	-	-	-	-	3.2	5.3	6.3	800	1,260	1,915
	24	-	-	-	-	24	7.0	-	-	-	-	4.2	7.0	8.4	1,042	1,680	2,554
2Unit	7	7	-	-	-	14	2.1	2.1	-	-	-	2.5	4.1	4.9	780	1,120	1,703
	7	9	-	-	-	16	2.1	2.6	-	-	-	2.8	4.7	5.6	780	1,120	1,703
	9	9	-	-	-	18	2.6	2.6	-	-	-	3.2	5.3	6.3	800	1,260	1,915
	7	12	-	-	-	19	2.1	3.5	-	-	-	3.3	5.6	6.7	825	1,330	2,022
	9	12	-	-	-	21	2.6	3.5	-	-	-	3.7	6.2	7.4	911	1,470	2,235
	12	12	-	-	-	24	3.5	3.5	-	-	-	4.2	7.0	8.4	1,042	1,680	2,554
	7	18	-	-	-	25	2.1	5.3	-	-	-	4.4	7.3	8.8	1,085	1,750	2,660
	9	18	-	-	-	27	2.6	5.3	-	-	-	4.7	7.9	9.5	1,172	1,890	2,873
	12	18	-	-	-	30	3.5	5.3	-	-	-	5.3	8.8	10.6	1,302	2,100	3,192
	7	24	-	-	-	31	2.1	7.0	-	-	-	5.5	9.1	10.9	1,345	2,170	3,299
	9	24	-	-	-	33	2.6	7.0	-	-	-	5.8	9.7	11.6	1,432	2,310	3,512
	18	18	-	-	-	36	5.3	5.3	-	-	-	6.3	10.6	12.7	1,562	2,520	3,831
	12	24	-	-	-	36	3.5	7.0	-	-	-	6.3	10.6	12.7	1,562	2,520	3,831
	18	24	-	-	-	42	5.0	6.7	-	-	-	7.0	11.7	13.5	1,693	2,730	4,150
	24	24	-	-	-	48	5.9	5.9	-	-	-	7.0	11.7	13.5	1,693	2,730	4,150
3Unit	7	7	7	-	-	21	2.1	2.1	2.1	-	-	3.7	6.2	7.4	911	1,470	2,235
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	4.0	6.7	8.1	998	1,610	2,447
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	4.4	7.3	8.8	1,085	1,750	2,660
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	4.6	7.6	9.1	1,128	1,820	2,767
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	4.7	7.9	9.5	1,172	1,890	2,873
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	4.9	8.2	9.8	1,215	1,960	2,979
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	5.3	8.8	10.6	1,302	2,100	3,192
	7	12	12	-	-	31	2.1	3.5	3.5	-	-	5.5	9.1	10.9	1,345	2,170	3,299
	7	7	18	-	-	32	2.1	2.1	5.3	-	-	5.6	9.4	11.3	1,389	2,240	3,405
	9	12	12	-	-	33	2.6	3.5	3.5	-	-	5.8	9.7	11.6	1,432	2,310	3,512
	7	9	18	-	-	34	2.1	2.6	5.3	-	-	6.0	10.0	12.0	1,476	2,380	3,618
	12	12	12	-	-	36	3.5	3.5	3.5	-	-	6.3	10.6	12.7	1,562	2,520	3,831
	9	9	18	-	-	36	2.6	2.6	5.3	-	-	6.3	10.6	12.7	1,562	2,520	3,831
	7	12	18	-	-	37	2.1	3.5	5.3	-	-	6.5	10.8	13.0	1,606	2,590	3,937
	7	7	24	-	-	38	2.1	2.1	7.0	-	-	6.7	11.1	13.4	1,649	2,660	4,044
	9	12	18	-	-	39	2.6	3.4	5.2	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	9	24	-	-	40	2.0	2.5	6.7	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	12	12	18	-	-	42	3.2	3.2	4.8	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	24	-	-	42	2.4	2.4	6.4	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	18	18	-	-	43	1.8	4.7	4.7	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	12	24	-	-	43	1.8	3.1	6.2	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	18	18	-	-	45	2.2	4.5	4.5	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	12	24	-	-	45	2.2	3.0	6.0	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	12	18	18	-	-	48	2.8	4.2	4.2	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	12	12	24	-	-	48	2.8	2.8	5.6	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	18	24	-	-	49	1.6	4.1	5.5	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	18	24	-	-	51	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	12	18	24	-	-	54	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	18	18	18	-	-	54	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	24	24	-	-	57	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150
12	24	24	-	-	60	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150	
18	18	24	-	-	60	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150	
18	24	24	-	-	66	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150	
24	24	24	-	-	72	2.0	4.0	5.3	-	-	6.7	11.2	13.5	1,693	2,730	4,150	
4Unit	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	4.9	8.2	9.8	1,215	1,960	2,979
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	5.3	8.8	10.6	1,302	2,100	3,192
	7	7	9	9	-	32	2.1	2.1	2.6	2.6	-	5.6	9.4	11.3	1,389	2,240	3,405
	7	7	7	12	-	33	2.1	2.1	2.1	3.5	-	5.8	9.7	11.6	1,432	2,310	3,512
	7	9	9	9	-	34	2.1	2.6	2.6	2.6	-	6.0	10.0	12.0	1,476	2,380	3,618

## UHXM110MA1

Operation	Combination (kW)						Cooling										
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	Each Capacity (kW)					Total Capacity (kW)			Total Input (W)		
							UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max
4Unit	7	9	9	12	-	37	2.1	2.6	2.6	3.5	-	6.5	10.8	13.0	1,606	2,590	3,937
	7	7	12	12	-	38	2.1	2.1	3.5	3.5	-	6.7	11.1	13.4	1,649	2,660	4,044
	9	9	9	12	-	39	2.6	2.6	2.6	3.4	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	7	18	-	39	2.0	2.0	2.0	5.2	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	9	12	12	-	40	2.0	2.5	3.4	3.4	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	9	18	-	41	1.9	1.9	2.5	4.9	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	12	12	-	42	2.4	2.4	3.2	3.2	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	12	12	12	-	43	1.8	3.1	3.1	3.1	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	9	9	18	-	43	1.8	2.3	2.3	4.7	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	12	18	-	44	1.8	1.8	3.1	4.6	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	12	12	12	-	45	2.2	3.0	3.0	3.0	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	9	18	-	45	2.2	2.2	2.2	4.5	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	7	24	-	45	1.7	1.7	1.7	6.0	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	9	12	18	-	46	1.7	2.2	2.9	4.4	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	9	24	-	47	1.7	1.7	2.1	5.7	-	6.7	11.2	13.5	1,693	2,730	4,150
	12	12	12	12	-	48	2.8	2.8	2.8	2.8	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	12	18	-	48	2.1	2.1	2.8	4.2	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	12	12	18	-	49	1.6	2.7	2.7	4.1	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	9	9	24	-	49	1.6	2.1	2.1	5.5	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	12	24	-	50	1.6	1.6	2.7	5.4	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	18	18	-	50	1.6	1.6	4.0	4.0	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	12	12	18	-	51	2.0	2.6	2.6	4.0	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	9	24	-	51	2.0	2.0	2.0	5.3	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	9	12	24	-	52	1.5	1.9	2.6	5.2	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	12	24	-	54	1.9	1.9	2.5	5.0	-	6.7	11.2	13.5	1,693	2,730	4,150
	9	9	18	18	-	54	1.9	1.9	3.7	3.7	-	6.7	11.2	13.5	1,693	2,730	4,150
	12	12	12	18	-	54	2.5	2.5	2.5	3.7	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	12	12	24	-	55	1.4	2.4	2.4	4.9	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	12	18	18	-	55	1.4	2.4	3.7	3.7	-	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	18	24	-	56	1.4	1.4	3.6								

# COMBINATION TABLE

## UHXM110MA1

Operation	Combination (kW)						Cooling											
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	Each Capacity (kW)					Total Capacity (kW)			Total Input (W)			
							UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max	
5Unit	7	7	7	7	18	46	1.7	1.7	1.7	1.7	4.4	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	9	12	46	1.7	2.2	2.2	2.2	2.9	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	9	12	12	47	1.7	1.7	2.1	2.9	2.9	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	9	12	48	2.1	2.1	2.1	2.1	2.8	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	12	12	45	1.7	1.7	1.7	3.0	3.0	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	9	18	48	1.6	1.6	1.6	2.1	4.2	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	12	12	49	1.6	2.1	2.1	2.7	2.7	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	12	12	12	50	1.6	1.6	2.7	2.7	2.7	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	9	9	18	50	1.6	1.6	2.0	2.0	4.0	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	12	12	51	2.0	2.0	2.0	2.6	2.6	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	12	18	51	1.5	1.5	1.5	2.6	4.0	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	12	12	12	52	1.5	1.9	2.6	2.6	2.6	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	9	18	52	1.5	1.9	1.9	1.9	3.9	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	7	7	24	52	1.5	1.5	1.5	1.5	5.2	6.7	11.2	13.5	1,693	2,730	4,150
	7	7	9	12	18	53	1.5	1.5	1.9	2.5	3.8	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	9	24	54	1.5	1.5	1.5	1.9	5.0	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	9	18	54	1.9	1.9	1.9	1.9	3.7	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	12	12	12	54	1.9	1.9	2.4	2.5	2.5	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	12	18	55	1.4	1.8	1.8	2.4	3.7	6.7	11.2	13.5	1,693	2,730	4,150	
	7	12	12	12	12	55	1.4	2.4	2.4	2.4	2.4	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	9	9	24	56	1.4	1.4	1.8	1.8	4.8	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	12	12	18	56	1.4	1.4	2.4	2.4	3.6	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	12	24	57	1.4	1.4	1.4	2.4	4.7	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	7	18	18	57	1.4	1.4	1.4	1.4	3.5	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	12	18	57	1.8	1.8	1.8	2.4	3.6	6.7	11.2	13.5	1,693	2,730	4,150	
	9	12	12	12	12	57	1.8	2.4	2.4	2.4	2.4	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	9	24	58	1.4	1.7	1.7	1.7	4.6	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	12	12	18	58	1.4	1.7	2.3	2.3	3.5	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	9	12	24	59	1.3	1.3	1.7	2.3	4.6	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	9	18	18	59	1.3	1.3	1.7	3.4	3.4	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	9	24	60	1.7	1.7	1.7	1.7	4.5	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	12	12	18	60	1.7	1.7	2.2	2.2	3.4	6.7	11.2	13.5	1,693	2,730	4,150	
	12	12	12	12	12	60	2.2	2.2	2.2	2.2	2.2	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	12	24	61	1.3	1.7	1.7	2.2	4.4	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	18	18	61	1.3	1.7	1.7	3.3	3.3	6.7	11.2	13.5	1,693	2,730	4,150	
	7	12	12	12	18	61	1.3	2.2	2.2	2.2	3.3	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	12	12	24	62	1.3	1.3	2.2	2.2	4.3	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	12	18	18	62	1.3	1.3	2.2	3.3	3.3	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	12	24	63	1.6	1.6	1.6	2.1	4.3	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	9	18	18	63	1.6	1.6	1.6	3.2	3.2	6.7	11.2	13.5	1,693	2,730	4,150	
	9	12	12	12	18	63	1.6	2.1	2.1	2.1	3.2	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	12	12	24	64	1.2	1.6	2.1	2.1	4.2	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	12	18	18	64	1.2	1.6	2.1	3.2	3.2	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	9	18	24	65	1.2	1.2	1.6	3.1	4.1	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	12	12	24	66	1.5	1.5	2.0	2.0	4.1	6.7	11.2	13.5	1,693	2,730	4,150	
	9	9	12	18	18	66	1.5	1.5	2.0	3.1	3.1	6.7	11.2	13.5	1,693	2,730	4,150	
	12	12	12	12	18	66	2.0	2.0	2.0	2.0	3.1	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	9	18	24	67	1.2	1.5	1.5	3.0	1.0	6.7	11.2	13.5	1,693	2,730	4,150	
	7	12	12	12	24	67	1.2	2.0	2.0	2.0	1.0	6.7	11.2	13.5	1,693	2,730	4,150	
	7	12	12	18	18	67	1.2	2.0	2.0	3.0	3.0	6.7	11.2	13.5	1,693	2,730	4,150	
	7	7	12	18	24	68	1.2	1.2	2.0	3.0	4.0	6.7	11.2	13.5	1,693	2,730	4,150	
	9	12	12	12	24	69	1.5	1.9	1.9	1.9	3.9	6.7	11.2	13.5	1,693	2,730	4,150	
	9	12	12	18	18	69	1.5	1.9	1.9	2.9	2.9	6.7	11.2	13.5	1,693	2,730	4,150	
	7	9	18	18	18	70	1.1	1.4	2.9	2.9	2.9	6.7	11.2	13.5	1,693	2,730	4,150	
7	7	9	24	24	71	1.1	1.1	1.4	3.8	3.8	6.7	11.2	13.5	1,693	2,730	4,150		
9	9	12	18	24	72	1.4	1.4	1.9	2.8	3.7	6.7	11.2	13.5	1,693	2,730	4,150		
9	9	18	18	18	72	1.4	1.4	2.8	2.8	2.8	6.7	11.2	13.5	1,693	2,730	4,150		
12	12	12	12	24	72	1.9	1.9	1.9	1.9	3.7	6.7	11.2	13.5	1,693	2,730	4,150		
12	12	12	18	18	72	1.9	1.9	1.9	2.8	2.8	6.7	11.2	13.5	1,693	2,730	4,150		

Operation	Combination (kW)						Heating											
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	Each Capacity (kW)					Total Capacity (kW)			Total Input (W)			
							UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Min	Rated	Max	Min	Rated	Max	
1Unit	7	-	-	-	-	7	2.3	-	-	-	-	1.4	2.3	2.7	820	1,120	1,826	
	9	-	-	-	-	9	2.9	-	-	-	-	1.7	2.9	3.5	820	1,120	1,826	
	12	-	-	-	-	12	3.9	-	-	-	-	2.3	3.9	4.6	820	1,120	1,826	
	18	-	-	-	-	18	5.8	-	-	-	-	3.5	5.8	7.0	820	1,260	2,054	
	24	-	-	-	-	24	7.7	-	-	-	-	4.6	7.7	9.3	1,042	1,680	2,738	
2Unit	7	7	-	-	-	14	2.3	2.3	-	-	-	2.7	4.5	5.4	820	1,120	1,826	
	7	9	-	-	-	16	2.3	2.9	-	-	-	3.1	5.2	6.2	820	1,120	1,826	
	9	9	-	-	-	18	2.9	2.9	-	-	-	3.5	5.8	7.0	820	1,260	2,054	
	7	12	-	-	-	19	2.3	3.9	-	-	-	3.7	6.1	7.4	825	1,330	2,168	
	9	12	-	-	-	21	2.9	3.9	-	-	-	4.1	6.8	8.1	911	1,470	2,396	
	12	12	-	-	-	24	3.9	3.9	-	-	-	4.6	7.7	9.3	1,042	1,680	2,738	
	7	18	-	-	-	25	2.3	5.8	-	-	-	4.8	8.1	9.7	1,085	1,750	2,853	
	9	18	-	-	-	27	2.9	5.8	-	-	-	5.2	8.7	10.4	1,172	1,890	3,081	
	12	18	-	-	-	30	3.9	5.8	-	-	-	5.8	9.7	11.6	1,302	2,100	3,423	
	7	24	-	-	-	31	2.3	7.7	-	-	-	6.0	10.0	12.0	1,345	2,170	3,537	
	9	24	-	-	-	33	2.9	7.7	-	-	-	6.4	10.6	12.8	1,432	2,310	3,765	
	18	18	-	-	-	36	5.8	5.8	-	-	-	7.0	11.6	13.9	1,562	2,520	4,108	
	12	24	-	-	-	36	3.9	7.7	-	-	-	7.0	11.6	13.9	1,562	2,520	4,108	
	18	24	-	-	-	42	5.4	7.2	-	-	-	7.5	12.5	15.0	1,742	2,810	4,450	
	24	24	-	-	-	48	6.3	6.3	-	-	-	7.5	12.5	15.0	1,742	2,810	4,450	
3Unit	7	7	7	-	-	21	2.3	2.3	2.3	-	-	4.1	6.8	8.1	911	1,470	2,396	
	7	7	9	-	-	23	2.3	2.3	2.9	-	-	4.4	7.4	8.9	998	1,610	2,624	
	7	9	9	-	-	25	2.3	2.9	2.9	-	-	4.8	8.1	9.7	1,085	1,750	2,853	
	7	7	12	-	-	26	2.3	2.3	3.9	-	-	5.0	8.4	10.1	1,128	1,820	2,967	
	9	9	9	-	-	27	2.9	2.9	2.9	-	-	5.2	8.7	10.4	1,172	1,890	3,081	
	7	9	12	-	-	28	2.3	2.9	3.9	-	-	5.4	9.0	10.8	1,215	1,960	3,195	
	9	9	12	-	-	30	2.9	2.9	3.9	-	-	5.8	9.7	11.6	1,302	2,100	3,4	

# COMBINATION TABLE

## UHXM110MA1

Operation	Combination (kW)						Heating											
							Each Capacity (kW)					Total Capacity (kW)			Total Input (W)			
							UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	Min	Rated	Max	Min	Rated	Max
4Unit	7	9	9	12	-	37	2.3	2.9	2.9	3.9	-	7.2	11.9	14.3	1,606	2,590	4,222	
	7	7	12	12	-	38	2.3	2.3	3.9	3.9	-	7.4	12.3	14.7	1,649	2,660	4,336	
	9	9	9	12	-	39	2.9	2.9	2.9	3.9	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	18	-	39	2.2	2.2	2.2	5.8	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	12	12	-	40	2.2	2.8	3.8	3.8	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	18	-	41	2.1	2.1	2.7	5.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	12	12	-	42	2.7	2.7	3.6	3.6	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	12	12	-	43	2.0	3.5	3.5	3.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	18	-	43	2.0	2.6	2.6	5.2	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	12	18	-	44	2.0	2.0	3.4	5.1	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	12	12	12	-	45	2.5	3.3	3.3	3.3	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	18	-	45	2.5	2.5	2.5	5.0	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	24	-	45	1.9	1.9	1.9	6.7	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	12	18	-	46	1.9	2.4	3.3	4.9	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	24	-	47	1.9	1.9	2.4	6.4	-	7.5	12.5	15.0	1,742	2,810	4,450	
	12	12	12	12	-	48	3.1	3.1	3.1	3.1	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	12	18	-	48	2.3	2.3	3.1	4.7	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	12	18	-	49	1.8	3.1	3.1	4.6	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	24	-	49	1.8	2.3	2.3	6.1	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	12	24	-	50	1.8	1.8	3.0	6.0	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	18	18	-	50	1.8	1.8	4.5	4.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	12	12	18	-	51	2.2	2.9	2.9	4.4	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	24	-	51	2.2	2.2	2.2	5.9	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	12	24	-	52	1.7	2.2	2.9	5.8	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	12	24	-	54	2.1	2.1	2.8	5.6	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	18	18	-	54	2.1	2.1	4.2	4.2	-	7.5	12.5	15.0	1,742	2,810	4,450	
	12	12	12	18	-	54	2.8	2.8	2.8	4.2	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	12	24	-	55	1.6	2.7	2.7	5.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	18	18	-	55	1.6	2.7	4.1	4.1	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	18	24	-	56	1.6	1.6	4.0	5.4	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	12	12	24	-	57	2.0	2.6	2.6	5.3	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	12	18	18	-	57	2.0	2.6	3.9	3.9	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	18	24	-	58	1.5	1.9	3.9	5.2	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	18	24	-	60	1.9	1.9	3.8	5.0	-	7.5	12.5	15.0	1,742	2,810	4,450	
	12	12	12	24	-	60	2.5	2.5	2.5	5.0	-	7.5	12.5	15.0	1,742	2,810	4,450	
	12	12	18	18	-	60	2.5	2.5	3.8	3.8	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	18	24	-	61	1.4	2.5	3.7	4.9	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	18	18	18	-	61	1.4	3.7	3.7	3.7	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	24	24	-	62	1.4	1.4	4.8	4.8	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	12	18	24	-	63	1.8	2.4	3.6	4.8	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	18	18	18	-	63	1.8	3.6	3.6	3.6	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	24	24	-	64	1.4	1.8	4.7	4.7	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	24	24	-	66	1.7	1.7	4.5	4.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	12	12	18	24	-	66	2.3	2.3	3.4	4.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	12	18	18	18	-	66	2.3	3.4	3.4	3.4	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	24	24	-	67	1.3	2.2	4.5	4.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	7	18	18	24	-	67	1.3	3.4	3.4	4.5	-	7.5	12.5	15.0	1,742	2,810	4,450	
	9	12	24	24	-	69	1.6	2.2	4.3	4.3	-	7.5	12.5	15.0	1,742	2,810	4,450	
9	18	18	24	-	69	1.6	3.3	3.3	4.3	-	7.5	12.5	15.0	1,742	2,810	4,450		
12	12	24	24	-	72	2.1	2.1	4.2	4.2	-	7.5	12.5	15.0	1,742	2,810	4,450		
12	18	18	24	-	72	2.1	3.1	3.1	4.2	-	7.5	12.5	15.0	1,742	2,810	4,450		
18	18	18	18	-	72	3.1	3.1	3.1	3.1	-	7.5	12.5	15.0	1,742	2,810	4,450		
5Unit	7	7	7	7	7	35	2.3	2.3	2.3	2.3	2.3	6.8	11.3	13.5	1,519	2,450	3,994	
	7	7	7	7	9	37	2.3	2.3	2.3	2.3	2.9	7.2	11.9	14.3	1,606	2,590	4,222	
	7	7	7	9	9	39	2.2	2.2	2.2	2.2	2.9	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	7	12	40	2.2	2.2	2.2	2.2	3.8	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	9	9	41	2.1	2.1	2.7	2.7	2.7	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	9	12	42	2.1	2.1	2.1	2.7	3.6	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	9	9	43	2.0	2.6	2.6	2.6	2.6	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	9	12	44	2.0	2.0	2.6	2.6	3.4	7.5	12.5	15.0	1,742	2,810	4,450	
9	9	9	9	9	45	2.5	2.5	2.5	2.5	2.5	7.5	12.5	15.0	1,742	2,810	4,450		

## UHXM110MA1

Operation	Combination (kW)						Heating											
							Each Capacity (kW)					Total Capacity (kW)			Total Input (W)			
							UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	Min	Rated	Max	Min	Rated	Max
5Unit	7	7	7	7	18	46	1.9	1.9	1.9	1.9	4.9	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	9	12	46	1.9	2.4	2.4	2.4	3.3	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	12	12	47	1.9	1.9	2.4	3.2	3.2	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	9	12	48	2.3	2.3	2.3	2.3	3.1	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	12	12	45	1.9	1.9	1.9	3.3	3.3	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	9	18	48	1.8	1.8	1.8	2.3	4.7	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	12	12	49	1.8	2.3	2.3	3.1	3.1	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	12	12	12	50	1.8	1.8	3.0	3.0	3.0	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	9	18	50	1.8	1.8	2.3	2.3	4.5	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	12	12	51	2.2	2.2	2.2	2.9	2.9	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	12	18	51	1.7	1.7	1.7	2.9	4.4	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	12	12	12	52	1.7	2.2	2.9	2.9	2.9	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	9	18	52	1.7	2.2	2.2	2.2	4.3	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	7	24	52	1.7	1.7	1.7	1.7	5.8	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	12	18	53	1.7	1.7	2.1	2.8	4.2	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	9	24	54	1.6	1.6	1.6	2.1	5.6	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	9	18	54	2.1	2.1	2.1	2.1	4.2	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	12	12	12	54	2.1	2.1	2.8	2.8	2.8	7.5	12.5	15.0	1,742	2,810	4,450	
	7	9	9	12	18	55	1.6	2.0	2.0	2.7	4.1	7.5	12.5	15.0	1,742	2,810	4,450	
	7	12	12	12	12	55	1.6	2.7	2.7	2.7	2.8	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	9	9	24	56	1.6	1.6	2.0	2.0	5.4	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	12	12	18	56	1.6	1.6	2.4	2.8	4.0	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	12	24	57	1.5	1.5	1.5	2.6	5.3	7.5	12.5	15.0	1,742	2,810	4,450	
	7	7	7	18	18	57	1.5	1.5	1.5	3.9	3.9	7.5	12.5	15.0	1,742	2,810	4,450	
	9	9	9	12														



For more information visit  
[lg.com/au](http://lg.com/au)

July 2020