

WALL MOUNTED



Saving Operation Cost

High Energy Efficiency

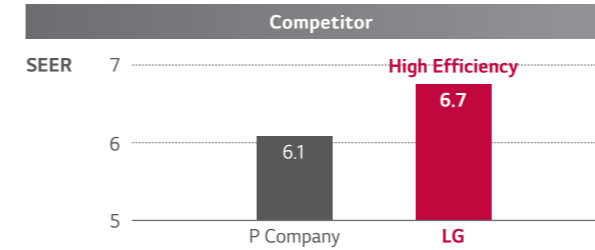


The advanced technologies of LG achieve lower energy consumption, especially in cooling as can be seen from the SEER class given according to ErP Regulations.

Server room need to be operated continuously.

That's why server room owners want to use high energy efficient air conditioning.

LG solution saves annual operation cost for server room due to high SEER.



※ P Company 7.1kW Solution / Outdoor unit : 7.1kW

Indoor unit : 7.1kW Wall mounted unit

※ Performances are based on the following conditions :

- Cooling : Indoor Temp. 27°CDB / 19°CWB, Outdoor Temp. 35°CDB / 24°CWB
- Heating : Indoor Temp. 20°CDB / 15°CWB, Outdoor Temp. 7°CDB / 6°CWB
- Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.

LG Server Room Solution

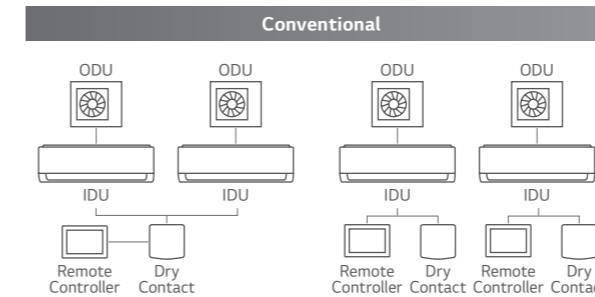
SEER class (ErP regulation)						
	2.5kW	3.4kW	5.0kW	6.8kW	8.0kW	9.5kW
SEER	7.0 (A++)	6.6 (A++)	6.8 (A++)	6.7 (A++)	7.0 (A++)	6.1 (A++)
SCOP					4.3 (A+)	3.85 (A+)

SEER class (ErP regulation)			
A+++	SEER ≥ 8.5	B	4.6 ≤ SEER < 5.1
A++	6.1 ≤ SEER < 8.5	C	4.1 ≤ SEER < 4.6
A+	5.6 ≤ SEER < 6.1	D	3.6 ≤ SEER < 4.1
A	5.1 ≤ SEER < 5.6		

Easy Installation

Simplified Connection

For small server rooms, LG solution has simple system with only one remote controller. It doesn't need additional control accessories.



- **Higher product cost**
Conventional system needs dry contact and 3rd party control individual remote controller(s).
- **Higher installation cost**
Need less labor and time for design, installation, cabling and test.
- **Design & Installation difficulties**
It is difficult to make if you need to control more indoor units.

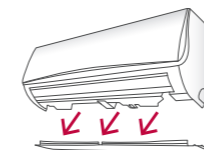


- **Lower product cost**
Only LG remote controller needed for max.4 ODUs and IDUs.
- **Lower installation cost**
Need less labor and time for design, installation, cabling and test.
- **Easy Design & Installation**
It provides easy design and installation because it has simple system with LG controller even in case of more number of ODUs and IDUs(Max.4).

※ MJ09PC, MJ12PC, MJ18PC, MJ24PC combinations are only available

Detachable Bottom Cover

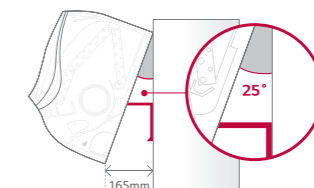
The bottom cover is detachable when needed, making installation easier. Disassembly or additional support of the unit is unnecessary. Installation can be completed by one individual with LG's patented support tool.



※ This contents of page will be updated later. (Saving operation cost / Easy installation)

Installation Support Clip

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



Stable & Reliable Operation

Duty Rotation

Operates more than 2 sets of indoor units alternatively at every set time of operation interval. Rotation interval can be set from 1h to 999h freely.



Air Conditioners' Overworking

- Reducing air conditioner's life time
- Reducing compressor's life expectancy
- The service cost may increase due to air conditioner's overworking

Stable & Safe Operation

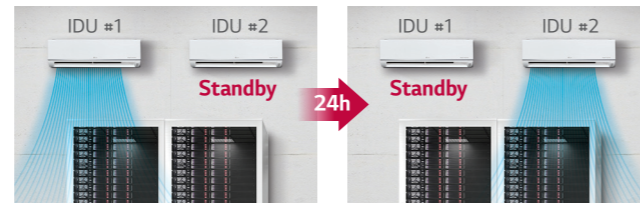
- Stable operation due to indoor units take turns
- Less breakdown and keeping server room operation
- Increase air conditioner's life expectancy
- Rotation interval can be set from 1h to 999h freely.

Operation Scenario

When the number of the indoor units : 2

If the interval time is set 24h(default),

- 1 While IDU #1 operates during interval time, IDU #2 is on standby.
- 2 IDU #2 operates next 24 hours, and IDU #1 is on standby.



Failure Back-up

If systems in operation have error and stop, the standby unit starts operation automatically.



Server can be Shut Down

- Server room overheated and server can be shut down.
- Probability of increased service cost
- Need manual monitoring and operation for failure

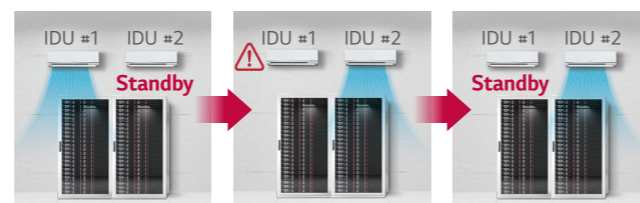
Stable & Safe Operation

- Stable operation because the operation error can be covered by failure back-up operation
- Continue server operations and decrease risk
- Protect server from overheating
- Less manual work

Operation Scenario

When the number of the indoor units : 2

- 1 When duty rotation is enabled, IDU #1 is in operation and IDU #2 is on standby.
- 2 If an error occurs on IDU #1, standby unit starts operation.
- 3 After the error is cleared, IDU #2 goes back to standby.



Capacity Back-up

When the difference between the cooling set temperature and the current room temperature is higher than the set temperature difference of capacity back-up, the standby unit operates. When the temperature difference reaches to the set temperature difference, it goes back to the normal duty rotation.



Server can be Overheated

- Sometimes server room can be overheated because of server overload
- Server can be shut down when they overheat continuously
- Air conditioners overload
- Need manual controls for additional cooling

Stable & Safe Operation

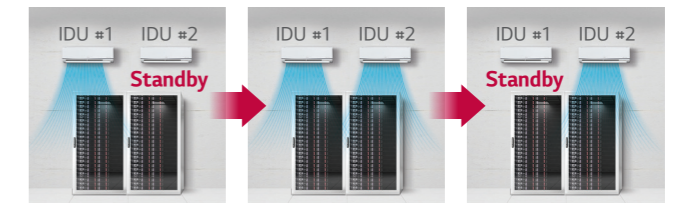
- Stable operation due to the over capacity by back-up operation
- Prevent air conditioners from overload
- Protect server from overheating
- No need for manual controls as they protect from overheating automatically

Operation Scenario

When the number of the indoor units : 2

The set temperature difference is A, and the difference between the cooling set temperature and the current room temperature is B,

- 1 When duty rotation is enabled, IDU #1 is in operation and IDU #2 is on standby.
- 2 If B is higher than A, the standby unit starts operation.
- 3 When B goes down and remains below A for some time, The backup unit stops and goes back to standby mode.

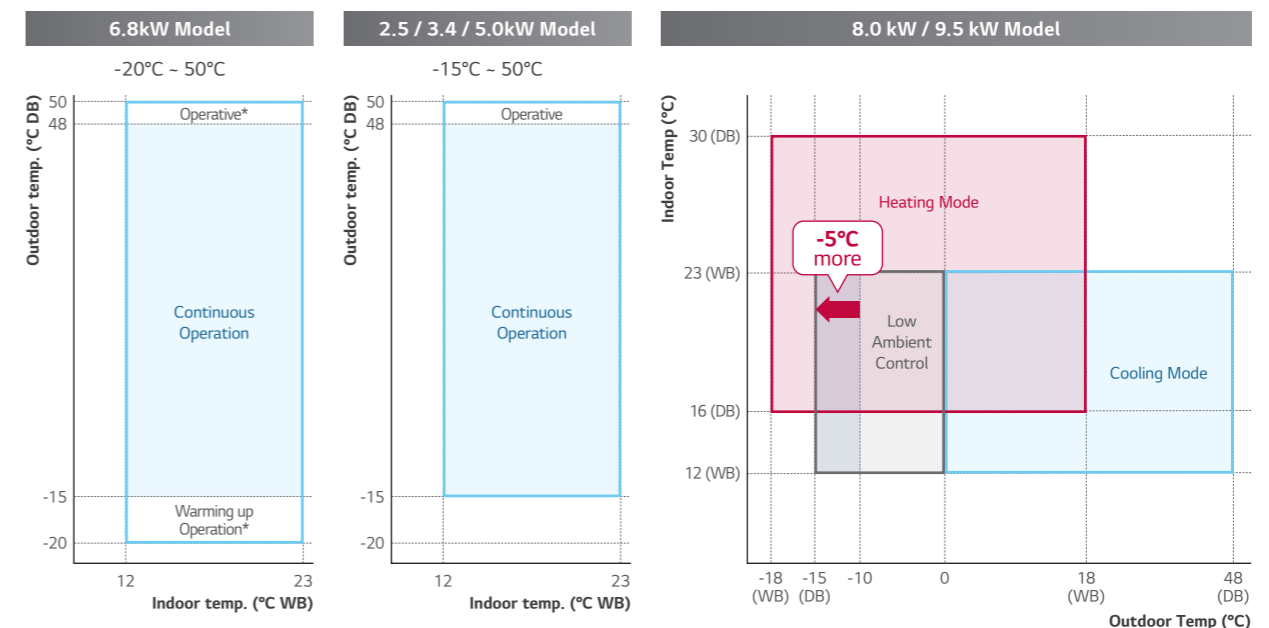


If cooling set temperature is 22°C and the set temperature difference is 4°C, When current temperature goes above 26°C, the standby unit starts operation. If current temperature drops and remains below 26°C for some time, the backup unit stops.

* Duty rotation, capacity back-up, failure back-up function will be available from 2021.2Q - Applied models : MJ09PC, MJ12PC, MJ18PC, MJ24PC only

Wide Operational Range

In case of the server room, continuous cooling is required all year round, and outdoor unit must be stable in the outdoor harsh cold temperature. LG Single split has wide operation range in cooling down continuously from -15°C and up to 48°C.



* Warming up operation and operative means that the outdoor unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

STANDARD INVERTER (R32)

MJ09PC / MJ12PC



UUA1 ULO



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : www.eurovent-certification.com

COMBINATION				9	12
Capacity	Cooling	Min. / Rated / Max.	kW	1.50 / 2.50 / 3.20	1.50 / 3.50 / 4.00
	Heating	Min. / Rated / Max.	kW	1.80 / 3.20 / 3.70	1.80 / 4.00 / 4.40
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 0.58 / 0.84	0.33 / 0.97 / 1.48
	Heating	Min. / Rated / Max.	kW	0.30 / 0.71 / 0.85	0.33 / 1.00 / 1.48
Running Current	Cooling	Rated	A	2.60	4.40
	Heating	Rated	A	3.20	4.50
EER / COP			kWh / kWh	4.30 / 4.50	3.60 / 4.00
SEER / SCOP			kWh / kWh	7.00 / 4.00	6.60 / 4.00
P Design	Cooling @ 35°C		kW	2.5	3.5
	Heating @-10°C		kW	2.8	2.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	125 / 980	186 / 980
Dehumidification Rate			ℓ/h	1.90	1.90
ODU Sound Pressure Level	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid	Outer Dia.	mm (inch)	∅ 6.35 (1/4)	∅ 6.35 (1/4)
	Gas	Outer Dia.	mm (inch)	∅ 9.52 (3/8)	∅ 9.52 (3/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				MJ09PC NSJ	MJ12PC NSJ
Power Supply			∅ / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	11 / 18 / 30	11 / 19 / 30
Air Flow Rate	H / M / L		m³/min	7.6 / 6.2 / 4.8	8.0 / 6.6 / 5.5
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189
	Weight		kg (lbs)	8.2 (18.1)	8.2 (18.1)
Sound Pressure Level	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29
	Sound Power Level	Max.	dB(A)	56	56
Piping Connections	Drain	O.D. / I.D.	mm	∅ 21.5 / 16.0	∅ 21.5 / 16.0
OUTDOOR				UUA1 ULO	
Power Supply			∅ / V / Hz	1 / 220-240 / 50	
Circuit Breaker	Min.		A	15	
Power Supply Cable (included Earth)			No. x mm²	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
Weight	Net		kg	33.3	
Compressor	Type			Twin Rotary	
	Refrigerant	Type		R32	
Refrigerant	GWP (Global Warming Potential)			675	
	Precharged Amount		kg	1.0	
	t-CO ₂ eq.			0.675	
	Control			EEV	
	Additional Charging Volume		g/m	20	
Air Flow Rate	Rated		m³/min x No.	28 x 1	
Total Piping Length	Min. / Max.		m	5.0 / 30.0	
Piping Elevation	IDU-ODU	Max.	m	30	

STANDARD INVERTER (R32)

MJ18PC / MJ24PC



UUB1 U20

UUC1 U40



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : www.eurovent-certification.com

COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	2.00 / 5.00 / 7.00	2.70 / 6.80 / 7.70
	Heating	Min. / Rated / Max.	kW	2.30 / 5.80 / 6.10	3.00 / 6.90 / 7.24
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 1.39 / 2.63	0.40 / 2.00 / 2.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.71 / 1.96	0.40 / 2.33 / 2.50
Running Current	Cooling	Rated	A	6.30	9.10
	Heating	Rated	A	7.70	10.60
EER / COP			kWh / kWh	3.61 / 3.40	3.40 / 3.00
SEER / SCOP			kWh / kWh	6.80 / 4.00	6.70 / 3.90
P Design	Cooling @ 35°C		kW	5.0	6.8
	Heating @-10°C		kW	4.1	5.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	257 / 1,365	355 / 1,795
Dehumidification Rate			ℓ/h	3.35	3.50
ODU Sound Pressure Level	Cooling	Rated	dB(A)	47	48
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid	Outer Dia.	mm (inch)	∅ 6.35 (1/4)	∅ 9.52 (3/8)
	Gas	Outer Dia.	mm (inch)	∅ 12.7 (1/2)	∅ 15.88 (5/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				MJ18PC NSK	MJ24PC NSK
Power Supply			∅ / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	26 / 39 / 60	27 / 45 / 60
Air Flow Rate	H / M / L		m³/min	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4
Dimensions	Body	W x H x D	mm	975 x 354 x 209	975 x 354 x 209
	Weight		kg (lbs)	10.9 (24.0)	11.5 (25.4)
Sound Pressure Level	Cooling	H / M / L	dB(A)	44 / 38 / 34	46 / 41 / 36
	Sound Power Level	Max.	dB(A)	59	65
Piping Connections	Drain	O.D. / I.D.	mm	∅ 21.5 / 16.0	∅ 21.5 / 16.0
OUTDOOR				UUB1 U20	UUC1 U40
Power Supply			∅ / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker	Min.		A	20	25
Power Supply Cable (included Earth)			No. x mm²	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type			Twin Rotary	
	Refrigerant	Type		R32	
Refrigerant	GWP (Global Warming Potential)			675	
	Precharged Amount		kg	1.2	
	t-CO ₂ eq.			0.810	
	Control			EEV	
	Additional Charging Volume		g/m	20	
Air Flow Rate	Rated		m³/min x No.	50 x 1	58 x 1
Total Piping Length	Min. / Max.		m	5.0 / 35.0	5.0 / 50.0
Piping Elevation	IDU-ODU	Max.	m	30	30

STANDARD INVERTER (R32)

US30F / US36F



UUC1 U40 UUD1 U30 UUD3 U30



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : www.eurovent-certification.com

COMBINATION				30	36	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min. / Rated / Max.	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling	Rated	A	10.1	11.4	4.1
	Heating	Rated	A	11.1	12.2	4.4
EER / COP			kWh / kWh	3.51 / 3.60	3.70 / 3.90	3.70 / 3.90
SEER / SCOP			kWh / kWh	7.0 / 4.3	6.10 / 3.85	6.10 / 3.85
Pdesign	Cooling @ 35°C		kW	8	9.5	9.5
	Heating @ -10°C		kW	5.4	8.7	8.7
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	400 / 1,758	545 / 3,164	545 / 3,164
Dehumidification Rate			l/h	2.9	3.8	3.8
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 52	50 / 50	50 / 50
ODU Sound Power Level	Cooling	Rated	dB(A)	68	66	66
Piping Connections	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 - 50	-20 - 52	-20 - 52
	Heating	Min. / Max.	°C	-20 - 18	-25 - 18	-25 - 18
INDOOR				US30F NRO	US36F NRO	US36F NRO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3	18.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				UUC1 U40	UUD1 U30	UUD3 U30
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	3 / 380-415 / 50
Circuit Breaker		Min.	A	25	40	20
Power Supply Cable (Included Earth)			No x mm ³	3C x 2.5	3C x 6.0	5C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Weight	Net		kg	57.7	85	85
Compressor	Type		-	Twin Rotary	Inverter Scroll	Inverter Scroll
	Type		-	R32	R32	R32
	GWP (Global Warming Potential)		-	675	675	675
	Precharged Amount		kg	1.9	3.0	3.0
	t-CO ₂ eq		-	1.283	2.025	2.025
Fan	Air Flow Rate	Rated	m ³ /min x No.	58 x 1	55 x 2	55 x 2
	Additional Charge (After 7.5m)		g/m	40	40	40
Total Piping Length		Min. / Max.	m	5 / 50	5 / 85	5 / 85
Piping Elevation	IDU - ODU	Max.	m	30	30	30

Note :

- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)

COMPACT INVERTER (R32)

US30F / US36F



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UUB1 U20 UUC1 U40



COMBINATION				30	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Heating	Min. / Rated / Max.	kW	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.31 / 2.77	0.60 / 3.06 / 3.67
	Heating	Min. / Rated / Max.	kW	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling	Rated	A	10.1	13.6
	Heating	Rated	A	9.3	13.3
EER / COP			kWh / kWh	3.25 / 3.60	3.10 / 3.60
SEER / SCOP			kWh / kWh	6.8 / 4.1	6.4 / 4.1
Pdesign	Cooling @ 35°C		kW	7.5	9.5
	Heating @ -10°C		kW	4.3	5.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	386 / 1,468	520 / 1,980
Dehumidification Rate			l/h	3.0	3.5
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	67	70
Piping Connections	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 - 48	-20 - 50
	Heating	Min. / Max.	°C	-15 - 18	-15 - 18
INDOOR				US30F NRO	US36F NRO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				UUB1 U20	UUC1 U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	20	25
Power Supply Cable (Included Earth)			No x mm ³	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
	Type		-	R32	R32
	GWP (Global Warming Potential)		-	675	675
	Precharged Amount		kg	1.2	1.9
	t-CO ₂ eq		-	0.81	1.283
Fan	Air Flow Rate	Rated	m ³ /min x No.	50 x 1	58 x 1
	Additional Charge (After 7.5m)		g/m	40	40
Total Piping Length		Min. / Max.	m	5 / 35	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30

Note :

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 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R32)

ACCESSORIES



LG Wi-Fi Modem

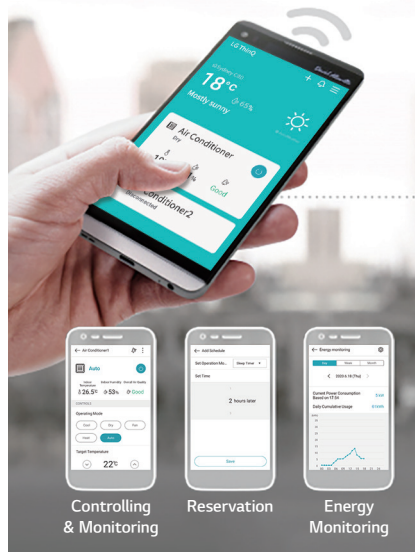
Control conditioners by using internet devices such as Android or iOS smartphones.



PWFMD200

Features

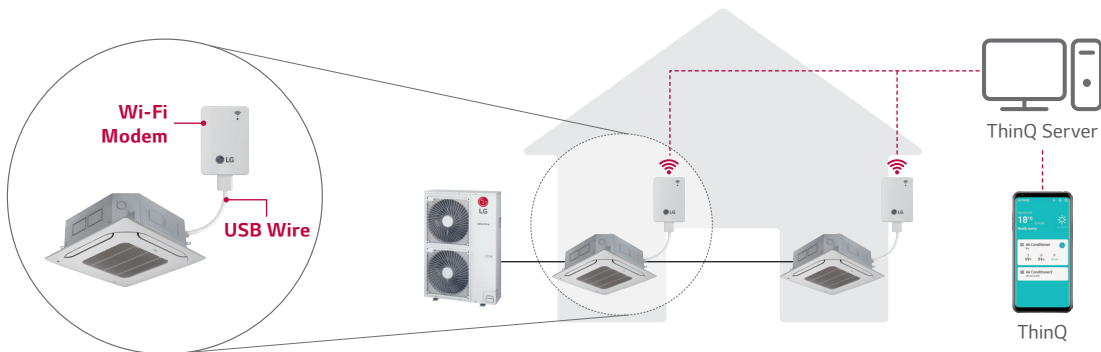
- User can enjoy anytime, anywhere access with Wi-Fi equipped device through ThinQ mobile app.
- This allows the user to access the unit remotely to switch unit on or off before or after leaving the vicinity.
- LG's exclusive Home Appliances control app (ThinQ) is available.
- Simple operation for various functions.
 - On / Off
 - Operation Mode
 - Current / Set Temperature
 - Fan Speed
 - Vane Control ¹⁾
 - Reservation (Sleep, Weekly On / Off)
 - Energy Monitoring ²⁾
 - Filter Management
 - Error Check
 - Air Purify ³⁾



Model Name	PWFMD200
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	System Air Conditioner ³⁾
Connection Type	Indoor unit 1:1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	ThinQ (Android v4.1(Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional Extension Cable	PWYREW000 (10m extension)

- Note : 1. Functionality may be different according to each IDU model.
 2. User interface of application shall be revised for its design and contents improvement.
 3. Application is optimized for smartphone use, so it may not be well functioning with tablet devices.
- 1) Vane Control may not be possible according to the type of Indoor unit.
 2) LG Centralized controller and PDI installation is required for this function.
 3) For the compatibility with indoor units, regional LG office.

Overview



- ※ Search "ThinQ" on Google market or Appstore then download the app.
- ※ Internet service with Wi-Fi connection has to be available.
- ※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

Standard Wired Remote Controller

For more LG Air Conditioner information, please visit our Youtube channel through QR code.



Standard III
PREMTB100



Standard III
PREMTBB10



Standard II
PREMTB001



Standard II
PREMTBB01

Model Name	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01
Operation Mode	On / Off, Fan Speed Control, Temperature Setting	
Mode Change	Cooling, Heating, Auto, Dehumidification, Fan	
Auto Swing / Vane Control	•	•
Reservation	Simple, Sleep, On / Off, Weekly, Holiday	
Time Display	•	•
Electrical Failure Compensation	•	•
Child Lock	•	•
Operation Status LED	•	•
Indoor Temperature Display	•	•
Wireless Remote Controller Receiver	-	•
Size (W x H x D, mm)	120 x 120 x 16	120 x 121 x 16
Backlight	•	•

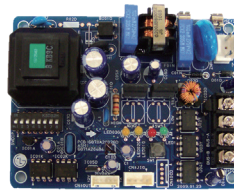
※ Refer to each model PDB for applicable models.

Remote Controller

PI 485



PWLSSB21H



PMNFP14A1

Power : Single phase AC 220V 50/60Hz

Max. no of the indoor units that can be connected : 64 UNITS

Model applied : RAC / Multi / Single / Thermo V

※ Refer to each product PDB for applicable models.

Dry Contact



PDRYCB000



PDRYCB400



PDRYCB320



PDRYCB500

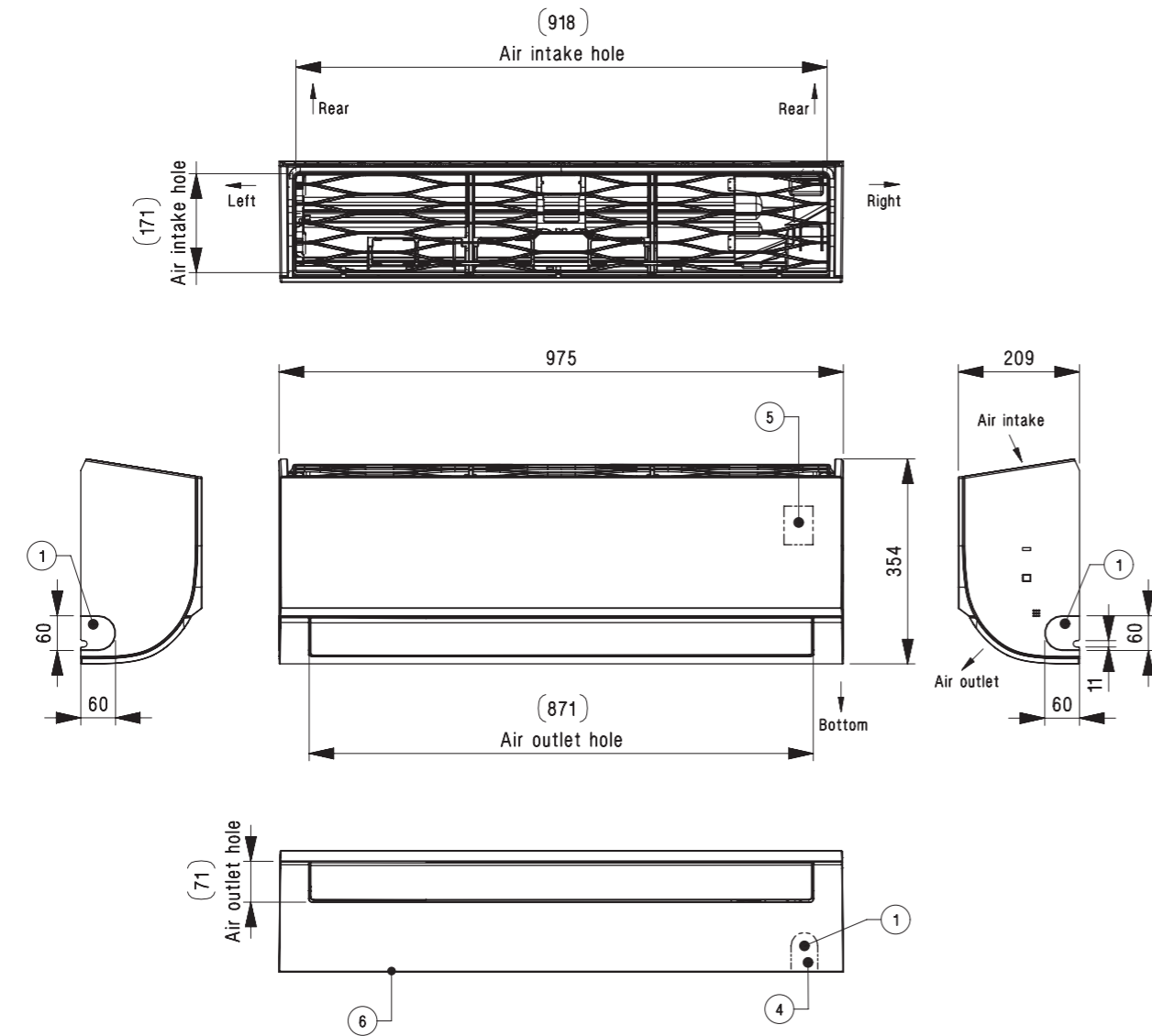
※ Refer to each product PDB for applicable models.

Model	PDRYCB000	PDRYCB400	PDRYCB320	PDRYCB500
Contact Point	1 Control Point	2 Control Point	8 Control Point	Modbus RTU
Power Input	AC 220V from outside power source	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PDB
Voltage / Non Voltage Input	-	•	•	-
On / Off Control	•	•	•	•
Lock / Unlock	•	•	•	-
Fan Speed Setting	-	-	•	•
Thermo Off	-	•	•	-
Energy Saving	-	•	-	-
Temperature Setting	-	•	•	•
Error Monitoring	•	•	•	•
Operation Monitoring	•	•	•	•

STANDARD INVERTER (R32)
MJ18PC NSJ / MJ24PC NSJ

(Unit : mm)

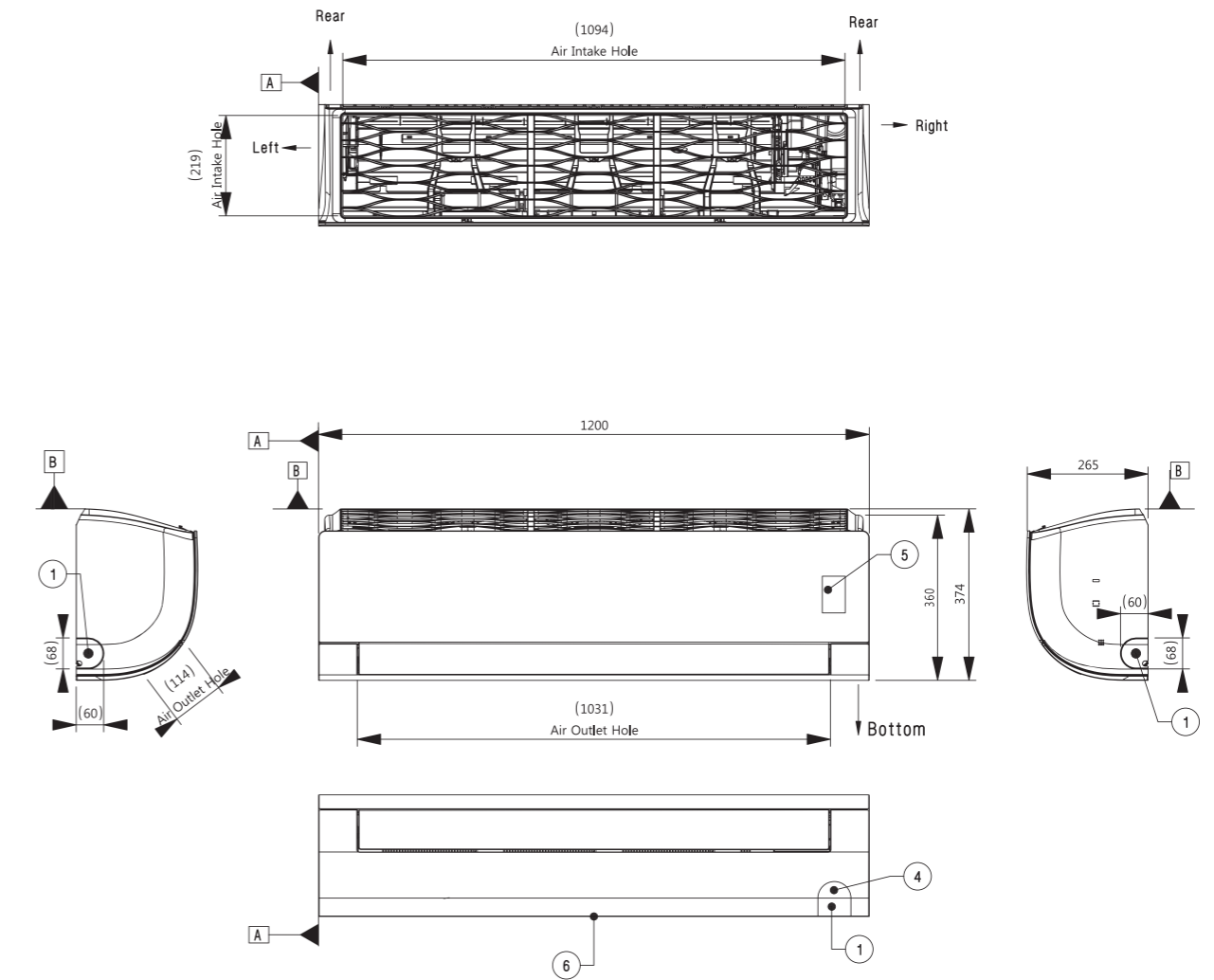
	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover



STANDARD / COMPACT INVERTER (R32)
US30F NR0 / US36F NR0

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover

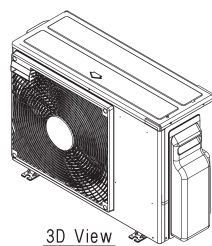


HIGH / STANDARD / COMPACT INVERTER (R32)

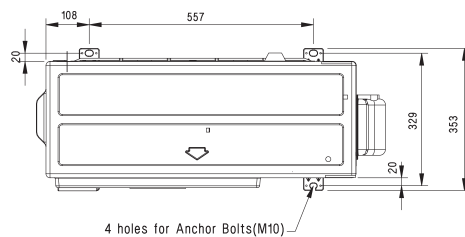
UUA1 UL0

(Unit : mm)

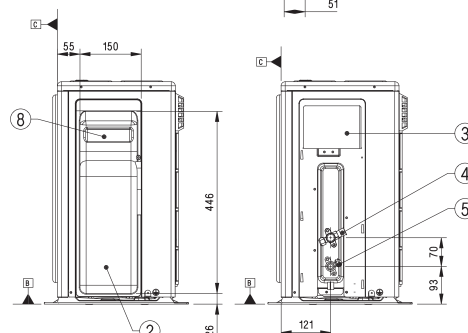
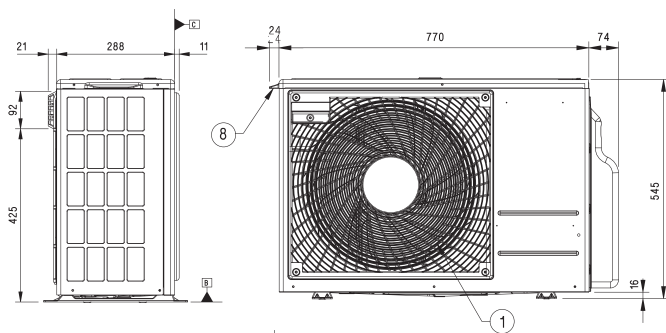
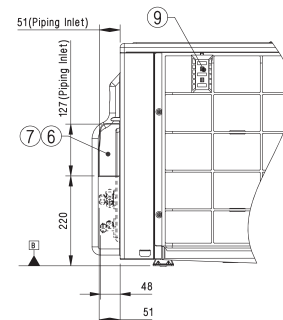
	PART NAME
1	Air Outlet
2	Control Cover & SVC Valve Cover
3	Power and Communication Cable Connection
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Power and Communication Cable Routing hole
7	Refrigerant Pipe Routing Hole
8	Handle
9	Intake Air Temperature Sensor Cover



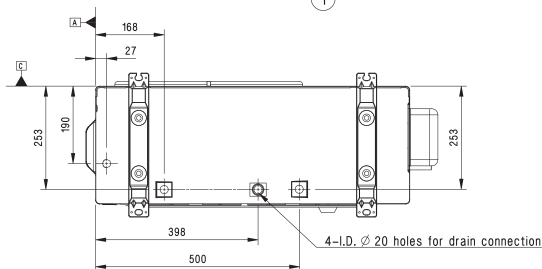
3D View



4 holes for Anchor Bolts(M10)



Side View
(removed valve cover)



4-L.D. Ø 20 holes for drain connection

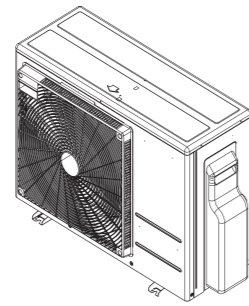
UNIVERSAL OUTDOOR

HIGH / STANDARD / COMPACT INVERTER (R32)

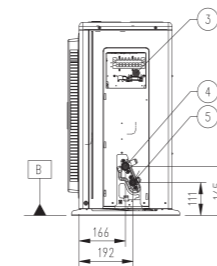
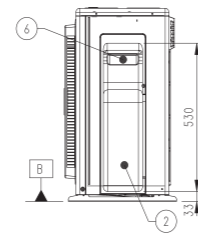
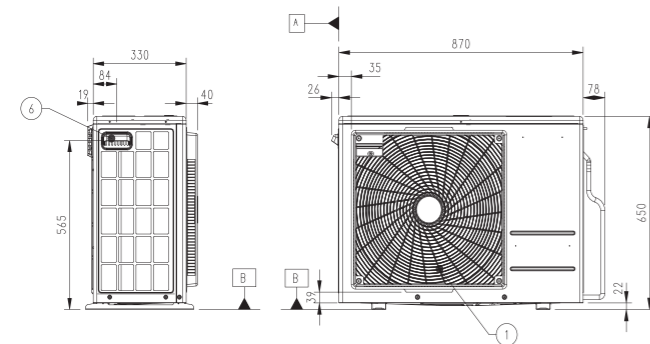
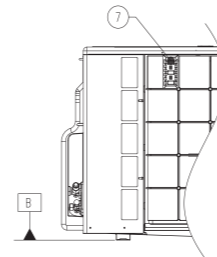
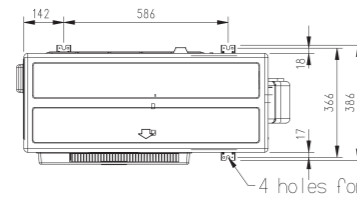
UUB1 U20

(Unit : mm)

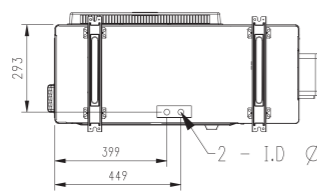
PART NAME	
1	Air Outlet
2	Control Cover & SVC Valve Cover
3	Power and Communication Cable Connection
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Handle
7	Intake Air Temperature Sensor Cover



3D View



Side View (removed valve cover)



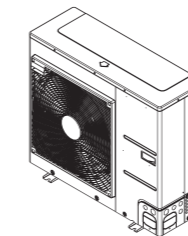
2 - I.D. Ø 20 Holes for drain connection

HIGH / STANDARD / COMPACT INVERTER (R32)

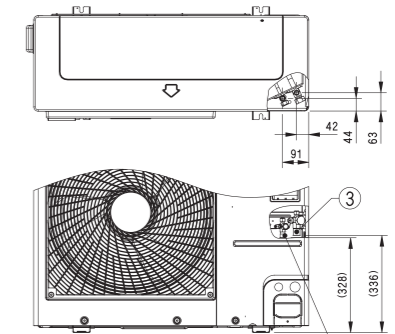
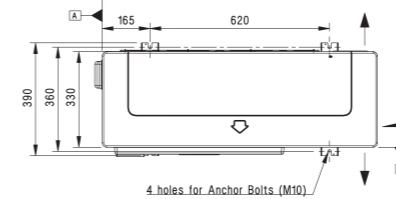
UUC1 U40

(Unit : mm)

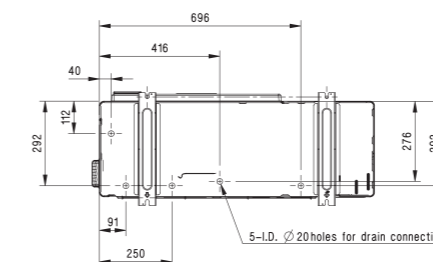
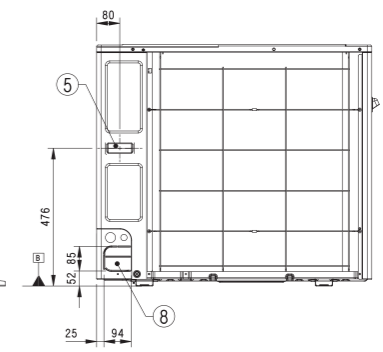
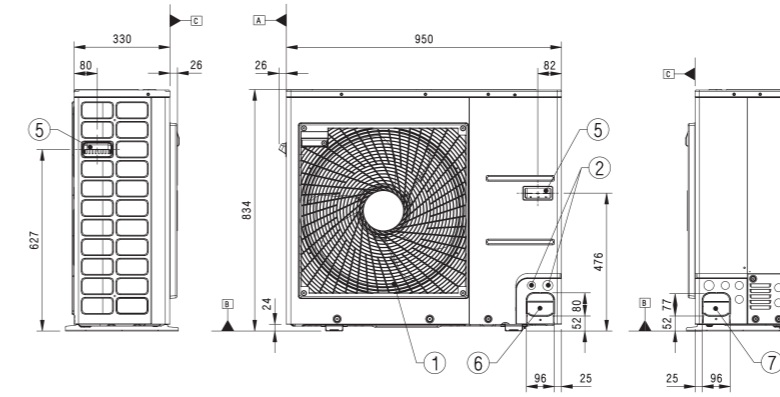
PART NAME	
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)



3D View



Piping connection port



5-I.D. Ø 20 holes for drain connection