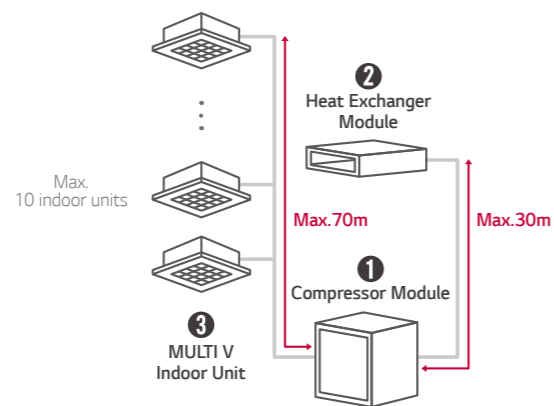
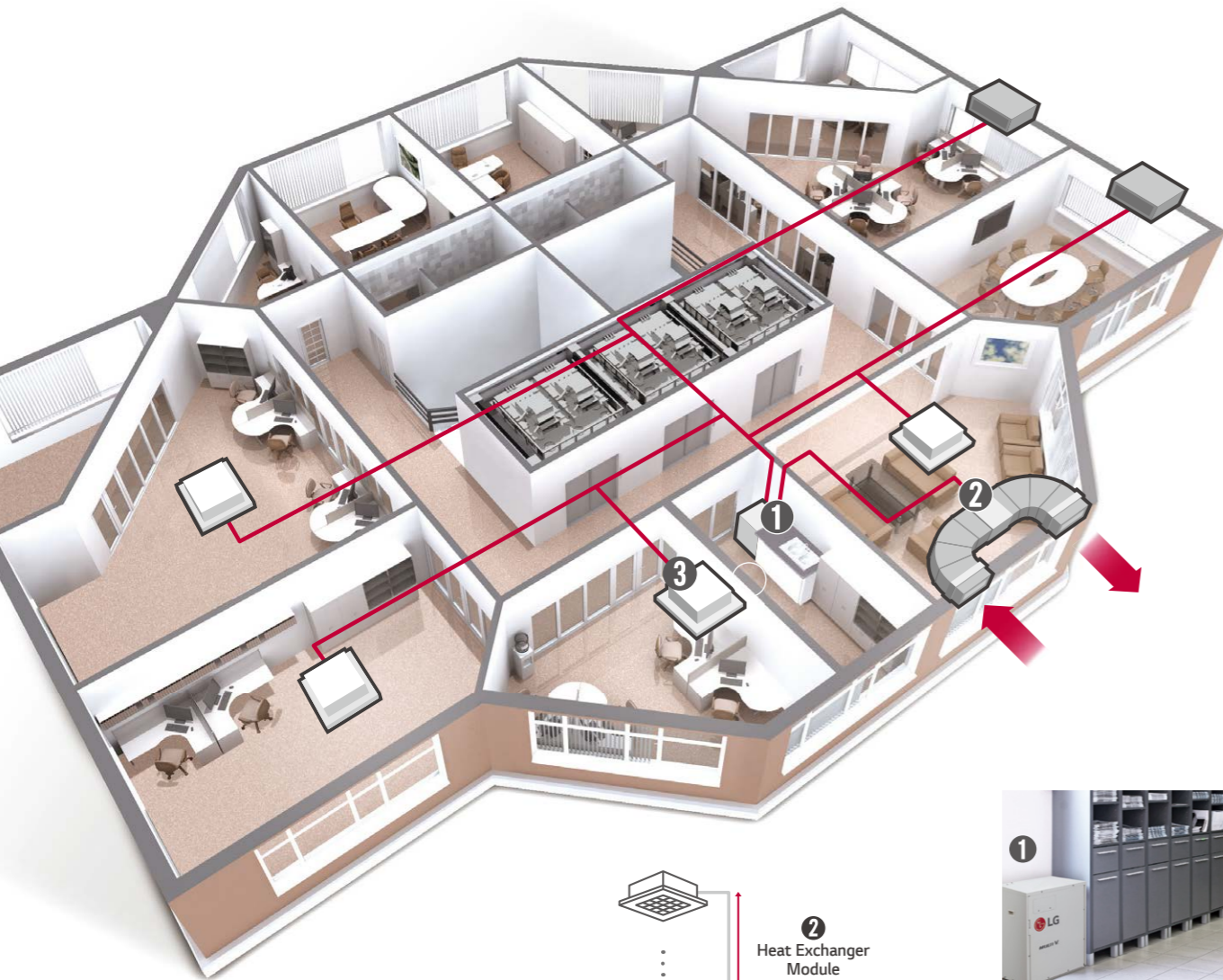


MULTI V MODULAR



High flexibility of installation

Heat exchanger module can be installed for direct inlet/outlet or duct connected inlet/outlet

Quiet operation

Low sound level of compressor module can make compressor installed inside space.

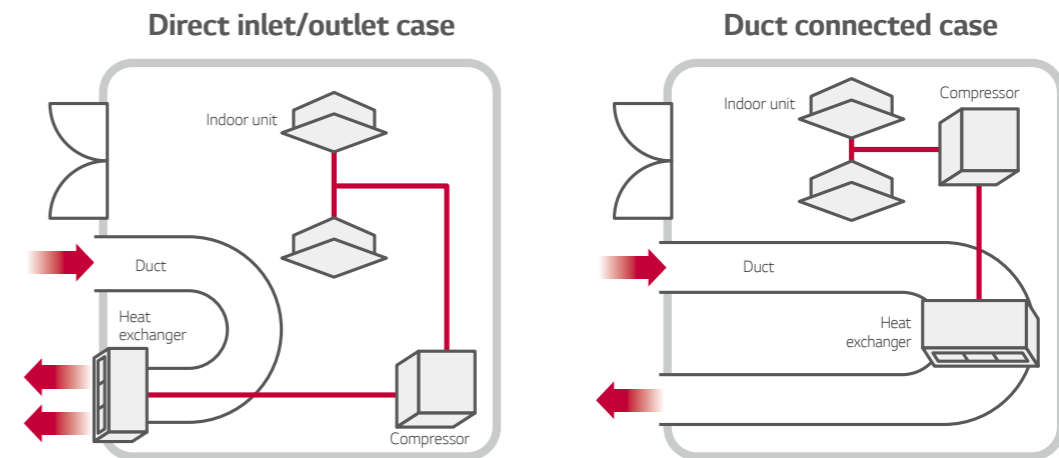
Various indoor unit combinations & long distance between modules

- Maximum 10 indoor units can be connected and be operated separately.
- Maximum distance between compressor module and heat exchanger module is 30m.
- Maximum distance between indoor module and compressor module is 70m.

High Flexibility of installation

Outside unit split by compressor and heat exchanger module

Split unit can make installation much more flexible. Compressor module can be installed at any place inside such as storage room, or in a kitchen. Heat exchanger module can be installed in a false ceiling spaces in both case of direct inlet/outlet and ducted inlet/outlet. Higher maximum external static pressure can make Installation more flexible



Lighter & smaller units can make installation much more easier

Ease and flexibility of installation

Ease and flexibility of installation thanks to the high static pressure available and adjustable and the reduced weight

Small size

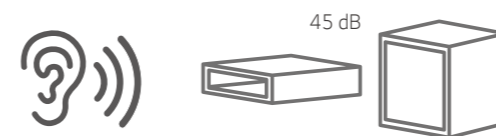
Make the most of your local space thanks to its small size

Regulatory compliance

Regulatory compliance thanks to the 3600 CMM of exhausted air

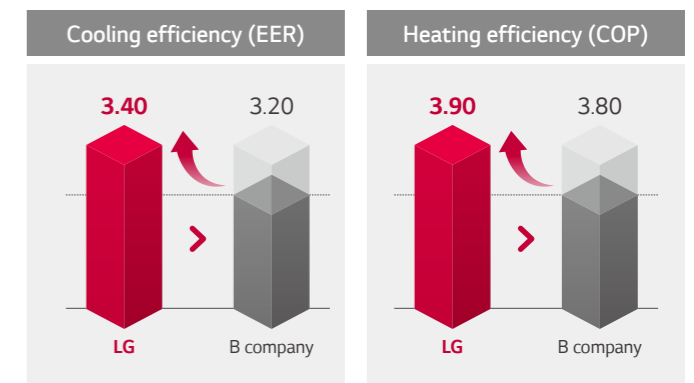
Quiet operation

Low sound level of both compressor module and heat exchanger module can make outdoor units installed and operated inside



High Efficiency

World class higher efficiency can get much more energy savings. World best inverter compressor, optimal heat exchanger circuit and smart load control make world class higher efficiency than other brands.



MULTI V MODULAR



※ Below spec can be revised until PDB distributed.

HP		5	
Model Name	Combination Unit	Compressor Module	
Capacity ¹⁾	Cooling (Rated)	kW	14.0
		kcal/h	12,000
	Heating (Rated / Max.)	kW	14.0 / 16.0
		kcal/h	12,000 / 13,800
Input (Rated) ¹⁾	Cooling (Rated)	kW	4.12
	Heating (Rated / Max.)	kW	3.59 / 4.32
EER (Based on Rated capacity)			3.40
COP (Based on Rated capacity)			3.90
COP (Based on Max. capacity)			3.70
Power Factor ⁷⁾	Rated		0.93
Casing Color			Morning Gray
Heat Exchanger			-
Compressor	Type	Hermetic Motor Compressor	
	Piston Displacement	cm ³ /rev	31.6
	Number of Revolution	rev/min	3,600
	Motor Output	W	3,200
	Starting Method	DC Inverter Starting	
	Oil Type	FVC68D(PVE)	
	Oil Charge		1,000
Fan	Type	-	
	Motor Output x Number	W	-
	Air Flow Rate (High)	m ³ /min	-
		ft ³ /min	-
	Drive	-	
External Static Pressure	Nominal (Rated, Factory Set)	mmAq (Pa)	-
	Max.	mmAq (Pa)	-
Pipe Connections	Liquid / Gas	mm (inch)	Ø 9.52(3/8) - IDU / Ø 15.88(5/8) - IDU
Dimensions (W x H x D)		mm	580 x 700 x 500
		inch	22-27/32 x 27-9/16 x 19-11/16
Net Weight		kg	77
		lbs	170
Sound Pressure Level	Cooling / Heating	dB(A)	45 / 45
Protection Devices	High pressure protection	-	
	Compressor / Fan	High pressure sensor	
	Inverter	Over-heat protection	
Communication Cable		No. x mm ² (VCTF)	2C x 1.0 - 1.5
	Refrigerant name	R410A	
Refrigerant	Precharged Amount	kg	2.0
		lbs	4.4
	t-CO ₂ eq		4.2
Power Supply		V, Ø, Hz	380-415, 3, 50
Number of maximum connectable indoor units ³⁾			10

Notes:

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
- Refer to EUROVENT certification programme for more detail test conditions. - Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB, Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- Heat Exchanger Module - Compressor Module = 5m - Compressor Module - Indoor Unit = 7.5m
- The maximum combination ratio is 130%. 4. Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions. 8. This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2087.5)

※ Below spec can be revised until PDB distributed.

HP		5	
Model Name	Combination Unit	Heat Exchanger Module	
Capacity ¹⁾	Cooling (Rated)	kW	-
		kcal/h	-
	Heating (Rated / Max.)	kW	- / -
		kcal/h	- / -
Input (Rated) ¹⁾	Cooling (Rated)	kW	-
	Heating (Rated / Max.)	kW	- / -
EER (Based on Rated capacity)			-
COP (Based on Rated capacity)			-
COP (Based on Max. capacity)			-
Power Factor ⁷⁾	Rated		-
Casing Color			Galvanized Steel Plate
Heat Exchanger			Ocean Black Fin (Wide Louver Plus)
Compressor	Type	-	
	Piston Displacement	cm ³ /rev	-
	Number of Revolution	rev/min	-
	Motor Output	W	-
	Starting Method	-	
	Oil Type	-	
	Oil Charge	-	
Fan	Type	Sirocco Fan	
	Motor Output x Number	W	400 x 2
	Air Flow Rate (High)	m ³ /min	60
		ft ³ /min	2,119
	Drive	Direct	
External Static Pressure	Nominal (Rated, Factory Set)	mmAq (Pa)	3 (29)
	Max.	mmAq (Pa)	16 (157)
Pipe Connections	Liquid / Gas	mm (inch)	Ø 12.7(1/2) - Comp. Module / Ø 19.05(3/4) - Comp. Module
Dimensions (W x H x D)		mm	1,562 x 460 x 688
		inch	61-1/2 x 18-1/8 x 27-3/32
Net Weight		kg	87
		lbs	192
Sound Pressure Level	Cooling / Heating	dB(A)	45 / 45
Protection Devices	High pressure protection	-	
	Compressor / Fan	Fan driver overload protector	
	Inverter	-	
Communication Cable		No. x mm ² (VCTF)	2C x 1.0 - 1.5
	Refrigerant name	-	
Refrigerant	Precharged Amount	kg	-
		lbs	-
	t-CO ₂ eq		-
Power Supply		V, Ø, Hz	1, 220-240, 50
Number of maximum connectable indoor units ³⁾			-

Notes:

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
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