

## ARUN050LMCO / ARUN050GME0



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : [www.eurovent-certification.com](http://www.eurovent-certification.com)

## System

HP		5	
Model Name	Set	ARUN050LMS0	
	Compressor Module	ARUN050LMCO	
	Heat Exchanger Module	ARUN050GME0	
Capacity	Cooling (Rated) kW	14.0	
	Heating (Rated) kW	14.0	
	Heating (Max) kW	16.0	
Input	Cooling (Rated) kW	4.12	
	Heating (Rated) kW	3.59	
	Heating (Max) kW	4.32	
EER	Based on Rated Capacity	3.40	
SEER		7.03	
COP	Based on Rated Capacity	3.90	
	Based on Max Capacity	3.70	
SCOP		4.12	
Number of Maximum Connectable Indoor Units		10	

※ ○ : Applied, - : Not Applied  
Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
  - Cooling : Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
  - Heating : Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
  - Interconnected Pipe Length and Difference of Elevation : - Heat Exchanger Module - Compressor Module = 5m
    - Compressor Module - Indoor Unit = 7.5m
    - Difference of Elevation (Heat Exchanger Module- Compressor Moduler - Indoor Unit) is Zero
- The maximum combination ratio is 130%.
- This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2,087.5)

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## Module

HP		5	
Model Name		Compressor Module	Heat Exchanger Module
		ARUN050LMCO	ARUN050GME0
Exterior	Color	Morning Gray	-
	RAL Code (Classic)	RAL 7030	-
Dimensions (W x H x D)	Net	mm x No.	580 x 700 x 500
	Shipping	mm x No.	618 x 833 x 564
Weight	Net	kg x No.	69 x 1
	Shipping	kg x No.	76 x 1
Compressor	Type	Hermetic Motor Compressor	
	Combination x No.	(Inverter) x 1	
	Motor Output	W x No.	3,200
	Oil Type	FVC68D (PVE)	
Heat Exchanger	Oil Charge	cc	1,300
	Type	Wide Louver Plus / Black Fin	
Fan	Type	Sirocco Fan	
	Motor Output x Number	W x No.	400 x 2
	Air Flow Rate (Rated)	m <sup>3</sup> /min x No.	60
External Static Pressure	Nominal (Rated, Factory Set)	mmAq (Pa)	3 (29)
	Max	mmAq (Pa)	16 (157)
Pipe Connection	Liquid	mm (inch)	Ø9.52 (3/8) to IDU
	Gas	mm (inch)	Ø15.88 (5/8) to IDU
	Drain	mm (inch)	Ø25 (1)
Sound Pressure Level	Cooling (Rated)	dB(A)	45.0
	Heating (Rated)	dB(A)	45.0
Sound Power Level		dB(A)	59.0
Communication Cable		mm <sup>2</sup> x No. (VCTF-SB)	1.0 - 1.5 x 2C to IDU
Refrigerant			1.0 - 1.5 x 2C to Comp Module
	Refrigerant Name	R410A	
	Precharged Amount	kg	2.0
	t-CO <sub>2</sub> eq	4.175	
Control		Electronic Expansion Valve	
Power Supply		Ø, V, Hz	3, 380-415, 50
			1, 220-240, 50

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