

ARUN080LSS5 / ARUN100LSS5
ARUN120LSS5

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

HP			8	10	12
Model Name			ARUN080LSS5	ARUN100LSS5	ARUN120LSS5
Capacity	Cooling (Rated)*	kW	22.4	28.0	33.5
	Heating (Rated)*	kW	22.4	28.0	33.5
	Heating (Max)*	kW	24.5	30.6	36.7
Input	Cooling (Rated)*	kW	7.83	9.69	12.01
	Heating (Rated)*	kW	5.82	6.81	9.05
EER			2.86	2.89	2.79
SEER			7.49	6.59	6.83
COP Rated Capacity			3.85	4.11	3.70
SCOP			4.76	4.42	4.45
Exterior	Color (General)		Warm Gray	Warm Gray	Warm Gray
	RAL Code (Classic)		RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1	5,300 x 1	5,300 x 1
	Oil Type		FW60L (PVE)	FW60L (PVE)	FW60L (PVE)
	Oil Charge	cc	1,200	1,200	1,200
	Type		Propeller Fan	Propeller Fan	Propeller Fan
Fan	Motor Output x Number	W x No.	124 x 2	250 x 2	250 x 2
	Air Flow Rate (High)	m ³ /min x No.	140	210	210
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas Pipe	mm (inch)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø28.58 (1-1/8)
Dimensions (W x H x D)			950 x 1,380 x 330	1,090 x 1,625 x 380	1,090 x 1,625 x 380
Dimensions (W x H x D) - Shipping			(1,140 x 1,549 x 466) x 1	(1,215 x 1,795 x 500) x 1	(1,215 x 1,795 x 500) x 1
Net Weight			114	139	152
Shipping Weight			126	154	166
Sound Pressure Level*	Cooling	dB(A)	57	58	60
	Heating	dB(A)	57	58	60
Sound Power Level	Cooling	dB(A)	73	75	77
	Heating	dB(A)	77	81	82
Communication Cable			2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in factory	kg	3.5	4.5	6.0
	t-CO ₂ eq		7.306	9.394	12.525
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
			380, 3, 60	380, 3, 60	380, 3, 60
Number of Maximum Connectable Indoor Units			13	16	20

*: Sound Pressure is not a value declared on Eurovent Program.
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 is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is Zero.
- EUROVENT Test Condition :
 - Performance values on the this PDB are based on Ceiling mounted cassette combination.
 - Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
- The maximum combination ratio is 160%.
- This product contains Fluorinated greenhouse gases. (R410A, GWP (Global warming potential) = 2,087.5)