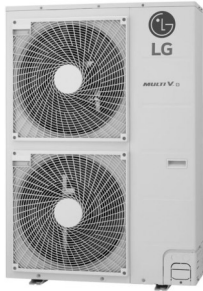


ARUN080LSS5

Multi V | Outdoor Unit - Submittal

R410A | VRF Multi V S



More information can be found at:
partner.lge.com

*The actual product may look slightly different from the product image above.

Features

- Dual Sensing Smart Load Control (Temp. & Humidity)
- Comfort Cooling
- Night Low Noise Operation
- Improved Biomimetic Fan with High Air Flow and Reduced Noise
- Wide Louver Plus Fin with Anticorrosion Ocean Black Coating
- BLDC Inverter twin rotary
- High pressure switch
- Defrost / Deicing
- Self diagnosis
- Soft start

Specification

Classification	Combination Unit (1)	-	ARUN080LSS5
Power Supply	Case 1	-	50 Hz, 380-415 V 3N~
	Limit Range of Voltage(Case 1)	-	342-456
	Case 2	-	60 Hz 380 V 3N~
	Limit Range of Voltage(Case 2)	-	342-418
	Running Current by Voltage (Cooling, Rated)	A	12.79 - 12.15 - 11.71
	Running Current by Voltage (Heating, Rated)	A	9.51 - 9.03 - 8.71
Cooling Capacity	Rated	kW	22.4
		Btu/h	76400
Heating Capacity	Rated	kW	22.4
		Btu/h	76400
	Max	kW	24.5
		Btu/h	83600
Power Input(Cooling)	Rated	kW	7.83
Power Input(Heating)	Rated	kW	5.82
Efficiency	EER(Rated)	W/W	2.86
	COP(Rated)	W/W	3.85
	SEER	Wh/Wh	7.49
	SCOP	Wh/Wh	4.76
Power Factor(Cooling/Heating)	Rated	-	0.93/0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min	210

For continuous product development, LG reserves the right to modify the specifications without notice and obligations.

ARUN080LSS5

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Specification

Outdoor Fan	Discharge direction(Side / Top)	-	Side
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	DC Inverter
	Output	W x No.	124 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	43.8
	Number of Revolution	rev./min	3600
	Motor Output	W x No.	4,200x1
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	950 x 1380 x 330
	Shipping(W x H x D)	mm	1140 x 1549 x 466
Weight	Net	kg	114
	Shipping	kg	126
Exterior	Color	-	Warm Gray
	RAL (Classic)	-	RAL 7044
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Temperature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Over-current protection
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	3.5
	GWP(Global Warming Potential)	-	2087.5
	t-CO ₂ eq.	-	7.306
	Control Type	-	Electronic Expansion Valve
Connecting Pipe	Liquid	mm(inch)	Φ9.52 (3/8)
	Gas	mm(inch)	Φ19.05 (3/4)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	57/57
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	73/77
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm ² × cores	1.0~1.5x2C
Electrical Characteristic	Minimum Circuit Amperes (MCA)	A	18.2
	Maximum Fuse Amperes (MFA)	A	30
	Total Over Current Amperes (TOCA)	A	20.0

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ARUN080LSS5

Multi V | Outdoor Unit - Submittal

R410A | VRF Multi V S



Specification

Electrical Characteristic	Comp_Maximum Starting Current (MSC)	A	4.3
	Comp_Rated Load Amperes (Cooling)	A	8.4
	Comp_Rated Load Amperes (Heating)	A	8.6
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	1.0
Connectable indoor units number	Max. (Conditional)	Units	13

Notes

- 1 Due to our policy of innovation some specifications may be changed without notification.
- 2 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.
- 3 Power factor could vary less than $\pm 1\%$ according to the operating conditions.
- 4 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.
- 5 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.
- 6 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.
- 7 The maximum combination ratio is 160%.
- 8 This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)