

1. Specifications

HP			16	18
Model Name	Combination Unit		ARUM160LTE5	ARUM180LTE5
	Independent Unit		ARUM160LTE5	ARUM180LTE5
Capacity (Rated)	Cooling	kW	44.8	50.4
		Btu/h	152,900	172,000
	Heating	kW	50	56.7
		Btu/h	170,600	193,500
Input (Rated)	Cooling	kW	10.89	10.91
	Heating	kW	11.95	11.10
EER			4.11	4.62
ESEER			6.93	7.78
SLC ESEER			7.90	8.91
COP			4.18	5.11
Power Factor	Rated	-	0.93	0.93
Casing Color			Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
Heat Exchanger			Ocean Black Fin	Ocean Black Fin
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1	62.1 × 1 + 43.8 × 1
	Number of Revolution	rev/min	3,600	3,600 × 2
	Motor Output x Number	W x No.	5,300 × 1	5,300 × 1 + 4,200 × 1
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 2	900 × 2
	Air Flow Rate(High)	m ³ /min	320 × 1	320 × 1
		ft ³ /min	1,1301 × 1	1,1301 × 1
	Drive		DC INVERTER	DC INVERTER
Discharge		Side / Top	TOP	
Pipe Connctions #1	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)
	Low Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas	mm(inch)	22.2(7/8)	22.2(7/8)
Pipe Connctions #2	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760)×1	(1,240 × 1,690 × 760)×1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	240 × 1	302 × 1
		lbs	529 × 1	666 × 1

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 : Indoot Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoot 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 :
 - Refer to EUROVENT certification regulation for more detail test conditions.
 - Performances of Combination units are sum of Independent unit(Outdoor Units).
 - ESEER calculation corresponds with below conditions and power input of indoor units is not included.
ESEER Formula = A x EER100% + B x EER75% + C x EER50% + D x EER25%
 - Coefficient : A=0.03, B=0.33, C=0.41, D=0.23
 - Outdoor temperature condition : EER 100% / 75% / 50% / 25% = 35°CDB / 30°CDB / 25°CDB / 20°CDB
 - Indoor temperature condition : 27°C(80.6°F) DB / 19°C(66.2°F) WB
 - The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
The recommended ratio is 130%.
 - This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2087.5)
- 10.#1 : Heat Recovery system, #2 : Heat Pump system