

Nominal system capacity			HP	14	16	18
Model name				AJ*126LALBH	AJ*144LALBH	AJ*162LALBH
Power source				3 Phase ~ 400 V, 50Hz		
Available voltage range				342 to 456 V		
Capacity	Cooling		kW	40.0	45.0	50.0
	Heating			45.0	50.0	50.0
Input power	Cooling		kW	10.96	13.01	16.56
	Heating			11.17	13.63	13.63
Current *1	Cooling	Rated	A	17.7	20.7	26.1
	Heating			18.2	21.5	21.5
EER	Cooling		W / W	3.65	3.46	3.02
COP	Heating			4.03	3.67	3.67
Fan	Type x Quantity			Propeller fan x 1		
	Airflow rate	High	m ³ / h (l / s)	13,000 (3,611)	13,700 (3,806)	
	External static pressure (Max)		Pa	82		
	Motor	Type x Quantity		DC motor x 1		
Output		W	750			
Sound pressure level	Cooling		dB(A)	60	62	63
	Heating			62	64	64
Heat exchanger	Length		mm	2,070		
	Fin pitch			1.45		
	Rows x Stages			3 x 60		
	Face area		m ²	2.6		
	Pipe type (Material)			Grooved H-pin (Copper)		
	Fin	Type (Material)		Corrugate (Aluminium)		
Surface treatment		Corrosion resistance (Blue fin)				
Compressor	Type x Quantity			Rotary(inv) x 1		
	Motor output		kW	11.0		
	Crankcase heater		W	35 x 2		
Refrigerant	Type			R410A		
	Charge		kg	11.8		
Refrigerant oil	Type			POE		
Enclosure	Material			Painted galvanized steel		
	Colour			Beige (10YR 7.5/1.0NN)		
Dimensions (H x W x D)	Net		mm	1,690 x 1,240 x 765		
	Gross			1,811 x 1,312 x 847		
Weight	Net		kg	275		
	Gross			299		
Connection pipe	Pipe diameter	Liquid	mm	12.70		15.88
		Gas		28.58		28.58
	Method	Liquid	Brazing			
		Gas	Brazing			
	Max. length		m	165		
Max. height difference		50 / 40 (Outdoor unit : Higher / Lower)				
Operation temperature range	Cooling		°CDB	-15 to 46		
	Heating			-20 to 21		
Defrost method			Reversed cycle			
Compressor capacity control (Steps / Range)			1001 steps / 15 to 115 rps			
Connectable indoor units			Number	30	34	39

Note : Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 7.5 m; Height difference between outdoor unit and indoor unit : 0 m.

This data is based on following standard: EN14511, EN12102

*1: Refer to the section Chapter 6 "4-2 power supply cable wiring" when selecting the circuit breaker.