

				3 Phase model			
Nominal system capacity				HP	4	5	6
Model name					AJ*040LELBH	AJ*045LELBH	AJ*054LELBH
Power supply				3N 400 V ~ 50 Hz			
Available voltage range				342—456 V			
Capacity	Cooling	Rated	kW	12.1	14.0	15.5	
			Btu/h	41,200	47,700	52,800	
		Heating	Rated (Nominal)	kW	12.1	14.0	15.5
	Btu/h			41,200	47,700	52,800	
	Maximum		kW	13.6	16.0	18.0	
				Btu/h	46,400	45,500	61,400
Input power	Cooling	Rated	kW	2.79	3.46	3.99	
			Btu/h	2,320	2,860	3.36	
	Heating	Rated (Nominal)	kW	2.71	3.40	4.08	
Btu/h			2,710	3,400	4,080		
Current	Cooling	Rated	A	5.2	6.6	7.7	
			Btu/h	4.9	5.8	7.0	
Power factor	Cooling	Rated (Nominal)	%	78	76	75	
			Btu/h	78	76	76	
EER	Cooling	Rated	W/W	4.33	4.05	3.88	
			Btu/h	5.21	4.90	4.61	
COP	Heating	Rated (Nominal)	W/W	5.01	4.70	4.41	
			Btu/h	5.01	4.70	4.41	
Fan	Airflow rate	Cooling	HIGH	m ³ /h (l/s)	6,200 (1,722)	6,400 (1,778)	6,900 (1,917)
		Heating					
	External static pressure (Max.)				Pa		
	Type × Q'ty				Propeller fan × 2		
Motor	Type × Q'ty				DC motor × 2		
	Motor output				W		
Sound pressure level*	Cooling	Rated	dB (A)	50	51	53	
				Btu/h	52	55	56
Sound power level	Cooling	Rated	dB (A)	65	65	66	
				Btu/h	67	69	69
Heat exchanger type	Length				mm		
	Fin pitch				mm		
	Rows × Stages				3 × 62		
	Face area				m ²		
	Pipe type (Material)				Grooved H-pin (Copper)		
	Fin		Type		Corrugate (Aluminum)		
Compressor	Type × Q'ty				Rotary (inv) × 1		
	Displacement				cm ³		
	Motor output				kW		
	Crankcase heater				W		
Refrigerant	Type (Global Warming Potential)				R410A (2088)		
	Charge				kg		
Refrigerant oil	Type				VG74		
	Amount				cm ³		
Enclosure	Material				Painted galvanized steel		
	Color				Beige Approximate color of Munsell 10YR 7.5/1.0NN		
Dimensions (H × W × D)	Net				mm		
	Gross				mm		
Weight	Net				kg		
	Gross				kg		
Connection pipe	Pipe diameter	Liquid	mm (in)	Ø 9.52 (Ø 3/8)			
		Suction gas		Ø 15.88 (Ø 5/8) Ø 19.05 (Ø 3/4)			
	Method	Liquid	Flare				
		Suction gas	Flare				
Max. length				m			
Max. height difference				50/40 (Outdoor unit: Higher/Lower)			
Operation temperature range	Cooling				°CDB		
	Heating				°CDB		
Defrost method				Reversed cycle			
Compressor capacity control (Steps/Range)				81 steps/20 to 100 rps			
Connectable indoor units number		Maximum		11	12	14	
		Minimum		1			

NOTES:

- 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: 0 m. (Between outdoor unit and indoor unit.)
- This data is based on following standard: EN14511, EN12102.
- Protective function might work when using it outside the operation range.
- *: Sound pressure level:
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.