

				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	3,360	
	Heating	Rated (Nominal)	kW	2.71	3.40	4.08	
Btu/h			2,320	2,860	3,360		
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	75	
EER	Cooling	Rated	W/W	4.33	4.05	3.88	
COP	Heating	Rated (Nominal)	W/W	5.21	4.90	4.61	
			Maximum	W/W	5.01	4.70	4.41
Fan	Airflow rate	Cooling	HIGH	m <sup>3</sup> /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	
				Heating	52	55	56
Sound power level	Cooling	Rated	dB (A)	65	65	66	
				Heating	67	69	69
Heat exchanger type	Length				mm		
	Fin pitch				mm		
	Rows × Stages				3 × 62		
	Face area				m <sup>2</sup>		
	Pipe type (Material)				Grooved H-pin (Copper)		
	Fin		Type		Corrugate (Aluminum)		
		Surface treatment		Corrosion resistance (Blue fin)			
Compressor	Type × Q'ty				Rotary (inv) × 1		
	Displacement				cm <sup>3</sup>		
	Motor output				kW		
	Crankcase heater				W		
Refrigerant	Type (Global Warming Potential)				R410A (2088)		
	Charge				kg		
Refrigerant oil	Type				VG74		
	Amount				cm <sup>3</sup>		
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		
	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.