

				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	
	Heating	Rated (Nominal)	A	4.9	5.8	7.0	
Power factor	Cooling		%	78	76	75	
	Heating		%	78	76	75	
EER	Cooling			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 ³ /h (l/s)	6,200 (1,722)		6,400 (1,778)
		Heating			6,900 (1,917)		
	External static pressure (Max.)				Pa		
	Type × Q'ty				Propeller fan × 2		
Motor					DC motor × 2		
	Motor output				W		
Sound pressure level*	Cooling		dB (A)	50	51	53	
	Heating			52	55	56	
Sound power level	Cooling		dB (A)	65		66	
	Heating			67	69		
Heat exchanger type	Length		mm	935			
	Fin pitch			1.45			
	Rows × Stages		3 × 62				
	Face area		m ²	1.22			
	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 ³	42.3			
	Motor output		kW	3.75			
	Crankcase heater		W	25			
Refrigerant	Type (Global Warming Potential)				R410A (2088)		
	Charge		kg	4.8	5.3		
Refrigerant oil	Type				VG74		
	Amount		cm ³	1,550			
Enclosure	Material				Painted galvanized steel		
	Color				Beige Approximate color of Munsell 10YR 7.5/1.0NN		
Dimensions (H × W × D)	Net		mm	1,334 × 970 × 370			
	Gross			1,506 × 1,064 × 478			
Weight	Net		kg	118	119		
	Gross			130		131	
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	180			
Max. height difference		50/40 (Outdoor unit: Higher/Lower)					
Operation temperature range	Cooling	°CDB	-5 to 46				
	Heating		-20 to 21				
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.