

3. SPECIFICATIONS

Type				WALL MOUNTED		
				INVERTER HEAT PUMP		
Model name		AS * A24LCC		AS * A30LCC		
Power source		230V~ 50Hz				
Available voltage range		198 - 264V~ 50Hz				
European energy label			Cooling	A	B	
			Heating	A	B	
Capacity	Cooling	Rated	kW	7.10	8.00	
			BTU/h	24,200	27,300	
		Min-Max	kW	0.9 - 8.0	2.9 - 9.0	
			BTU/h	3,100 - 27,300	9,900 - 30,700	
	Heating	Rated	kW	8.10	9.00	
			BTU/h	27,600	30,700	
Min-Max		kW	0.9 - 10.6	2.2 - 11.0		
		BTU/h	3,100 - 36,200	7,500 - 37,600		
Input power	Cooling	Rated	kW	2.21	2.66	
		Min-Max		0.11 - 2.62	0.58 - 3.60	
	Heating	Rated		2.24	2.64	
		Min-Max		0.11 - 3.68	0.50 - 4.30	
Current	Cooling	Rated	A	9.7	11.7	
		Max		12	17	
	Heating	Rated		9.8	11.6	
		Max		17.5	19	
EER	Cooling	kW/kW	3.21	3.01		
COP	Heating		3.62	3.41		
SENSIBLE CAPACITY		Cooling	kW	5.54	5.34	
POWER FACTOR		Cooling	%	99	99	
		Heating		99	99	
Moisture removal			l/h (pints/h)	3.0 (5.3)	3.4 (6.0)	
Fan	Airflow rate	Cooling	High	m ³ /h	1100	1100
			Med		900	900
			Low		740	740
			Quiet		620	620
		Heating	High		1100	1100
			Med		900	900
			Low		740	740
			Quiet		620	620
	Type × Q'ty		Cross flow fan × 1			
	Motor output			W	42	42
Sound pressure level			Cooling	High	47	47
				Med	41	41
				Low	36	36
				Quiet	32	32
			Heating	High	45	45
				Med	41	41
				Low	36	36
				Quiet	32	32
Heat exchanger type		Dimensions (H × W × D)		Main : 378 × 832 × 26.6 Sub : 84 × 832 × 13.3		
		Fin pitch		Main : 1.2, Sub : 1.4		
		Rows × Stages		Main : 2 × 18, Sub : 1 × 4		
		Pipe type		Copper		
		Fin type		Aluminium		
Enclosure		Material		Polystyrene		
		Colour		White		
Dimensions (H × W × D)		Net	mm	320 × 998 × 228		
		Gross		319 × 1090 × 429		
Weight		Net	kg(lb.)	14 (30.8)		
		Gross		18 (39.6)		
Connection pipe		Size	Liquid	mm	Φ6.35 (Φ1/4 in.)	Φ9.52 (Φ3/8 in.)
			Gas		Φ15.88 (Φ5/8 in.)	
		Method		Flare		
Operation range			Cooling	°C	18 to 32	
				%RH	80 or less	
			Heating	°C	30 or less	
Remote controller type				Wireless		
Drain pipe		Material		PVC		
		Size		mm		
				Outer diameter : 28 / Inner diameter : 16		

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 : 0 m.(Outdoor unit - Indoor unit)