

Specification



Model		AU082FYCRA		AU12FYCRA		AU162FYCRA	
Power supply		V-Ph-Hz	1PH, 220-240V~, 50/60Hz	1PH, 220-240V~, 50/60Hz	1PH, 220-240V~, 50/60Hz	1PH, 220-240V~, 50/60Hz	1PH, 220-240V~, 50/60Hz
Cooling* (1)	Capacity	kW	5.50	11.5	14.50		
	Power Input	kW	2.34	3.83	4.92		
Cooling* (2)	Capacity	kW	7.00	13.5	16.00		
	Power Input	kW	2.06	2.94	3.64		
Heating* (3)	Capacity	kW	7.50	10.5	15.00		
	Power Input	kW	2.34	3.37	4.62		
Heating* (4)	Capacity	kW	7.80	11.00	16.00		
	Power Input	kW	1.77	2.61	3.86		
EER* (1)		kW/kW	2.35	3.00	2.95		
EER* (2)		kW/kW	3.40	4.60	4.40		
COP* (3)		kW/kW	3.20	3.20	3.25		
COP* (4)		kW/kW	4.40	4.22	4.15		
Out door air flow		m ³ /h	4200	7200	7200		
Out door noise level (sound power* (3))		dB(A)	64	67	68		
Flow rate of water		m ³ /h	3.38	1.89	2.75		
Net dimension (W×H×D)		mm	950×965×395	950×1490×380	950×1490×380		
Packing dimension (W×H×D)		mm	1030×990×458	1030×1520×458	1030×1520×458		
Net/ Gross weight		kg	87/90	139/142	139/142		
Refrigerant	Type		R32	R32	R32		
	Charged volume	kg	1.15	2.40	2.60		
Pipe diameter	Water inlet/outlet	inch	1	1	1		
Ambient temperature range			Cooling: 10~46; Heating: -20~35(Antifreeze must be added below 5)				
Leaving water temperature range			Cooling: 5~20; Heating: 20~55				
Accessory	Controller (optional)	Wired	YR-E27	YR-E27	YR-E27		
	Domestic hot water PCB		ATW-A01	ATW-A01	ATW-A01		

Note: Specifications are based on the following conditions:

- Cooling (1): chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature: 35°C DB, chilled water inlet/outlet temperature: 5/10°C, indoor ambient temperature: 27°C DB.
- Heating (3): 70 warm water inlet/outlet temperature: 40/35°C, outdoor ambient temperature: 7°C DB/5°C WB, chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature: 7°C DB/5°C WB.
- 3: Refer to a specific electric code standard (JIS).
- The above data may be changed without notice for future improvement in quality and performance.
- ATW-A01 can achieve domestic hot water, heating and domestic hot water cannot be offered at the same time.

