

1. SPECIFICATIONS

OUTDOOR UNIT
AOU9-12RQ,CQ

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Type			HEAT PUMP		COOLING ONLY		
Model name			AOU9RQ	AOU12RQ	AOU9CQ	AOU12CQ	
Power source			115V~ 60Hz				
Available voltage range			103.5-126.5V ~ 60Hz				
Starting current			A	47	53	47	53
Fan	Airflow rate	Cooling	CFM	953 (1,620)	1,024 (1,740)	953 (1,620)	1,024 (1,740)
		Heating	(m3/h)	953 (1,620)	1,024 (1,740)	-	-
	Type × Q'ty	Propeller fan×1					
Motor output			W	40			
Sound pressure level	Cooling	dB(A)	43	45	43	45	
	Heating		45	46	-	-	
Heat exchanger type	Dimensions (H × W × D)		in. (mm)	19-7/8 × 33-7/8 × 3/4 (504 × 857 × 18.2)	19-7/8 × 33-1/2 × 1-3/8 (504 × 850 × 36.4)	19-7/8 × 33-7/8 × 3/4 (504 × 857 × 18.2)	19-7/8 × 33-1/2 × 1-3/8 (504 × 850 × 36.4)
	Fin pitch		FPI	18	18	18	18
	Rows x Stages			1 × 24	2 × 24	1 × 24	2 × 24
	Pipe type			Copper			
	Fin type			Aluminium			
Compressor	Type × Q'ty	Rotary × 1					
	Motor output	W	780	970	780	970	
Refrigerant	Type	R410A					
	Charge	lb.oz.(g)	1 lb. 10.5 oz.(750)	2 lb. 3.3 oz.(1,000)	1 lb. 8.7 oz.(700)	2 lb. 1.5 oz.(950)	
Refrigerant oil	Type	POE					
Enclosure	Material	Steel					
	Colour	Beige					
Dimensions (H × W × D)	Net	mm	540 × 790 × 290				
		inch	21-3/8 × 31-1/8 × 11-1/2				
	Gross	mm	625 × 919 × 385				
		inch	24-5/8 × 36-1/4 × 15-1/4				
Weight	Net	lb.(kg)	71 (32)	79 (36)	68 (31)	77 (35)	
	Gross		79 (36)	88 (40)	77 (35)	86 (39)	
Connection pipe	Size	Liquid	in. (mm)	φ 1/4 (φ 6.35)			
		Gas		φ 3/8 (φ 9.52)			
	Method			Flare			
	Max. length	ft. (m)	49(15) [chargeless:25(7.5)]				
Max. height difference			26 (8)				
Operation range	Cooling	°F	32 to115 (0 to 46)				
	Heating	(°C)	17 to 75 (-8 to 24)			-	

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB,and outdoor temperature of 95°F(35°C)DB/75°F(23.9°C)WB.

Heating : Indoor temperature of 70°F(21.11°C)DB / 59°F(15°C)WB,and outdoor temperature of 47°F(8.33°C)DB/43°F(6.11°C)WB.

Pipe length : 24ft.7in.(7.5 m), Height difference : 0 m.(Outdoor unit - Indoor unit)