

## 2-1. SPECIFICATIONS

OUTDOOR UNIT  
AOU9-12RLS

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Type				INVERTER HEAT PUMP		
Model name		AOU9RLS		AOU12RLS		
Power source		208/230V ~ 60Hz				
Available voltage range		187-253V ~ 60Hz				
Starting current		A	6.2		6.2	
Fan	Airflow rate	Cooling	CFM	1106 (1880)		
		Heating	(m <sup>3</sup> /h)	1059 (1800)		
	Type × Q'ty	Propeller fan × 1				
Motor output		W	115		115	
Sound pressure level		Cooling	dB(A)	48		
		Heating		49		
Heat exchanger type	Dimensions (H × W × D)		in.(mm)	34-11/16 x 23-5/32 x 1-7/16 (881×588×36.4)		
	Fin pitch		FPI	20		
	Rows x Stages			2×28		
	Pipe type			Copper		
	Fin type			Aluminium		
Compressor	Type × Q'ty			Rotary x 1		
	Motor output		W	850		
Refrigerant	Type		R410A			
	Charge		lb.oz.(g)	2lb. 9oz.(1150)		
Refrigerant oil	Type		POE			
Enclosure	Material		Steel			
	Color		BEIGE (Approximate color of MUNSELL 10YR 7.5/1.0 )			
Dimensions (H×W×D)	Net		mm	620×790×298		
			inch	24-13/32 × 31-3/32 × 11-23/32		
	Gross		mm	712 × 935 × 400		
			inch	28-1/32 × 36-13/16 × 15-3/4		
Weight	Net		lb.(kg)	82 (37)		
	Gross			93 (42)		
Connection pipe	Size	Liquid	in.	Φ1/4 (Φ6.35)		
		Gas	(mm)	Φ3/8 (Φ9.52)		
	Method		Flare			
	Pre-charge length			ft.	49 (15)	
	Max. length			(m)	66 (20)	
Max. height difference				49 (15)		
Operation range	Cooling		°F	14 to115 (-10 to 46)		
	Heating		(°C)	5 to 75 (-15 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)

The protective function might work when using it outside the temperature range mentioned above.