

1. SPECIFICATIONS

OUTDOOR UNIT
AOU9-15RL

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Type			INVERTER HEAT PUMP			
Model name			AOU9RLFW	AOU12RLFW	AOU15RLS	
Power source			208/230V~60HZ			
Available voltage range			187-253V~60HZ			
Starting current			A	4.2	5.9	6.4
Fan	Airflow rate	Cooling	CFM	995(1690)	1036(1760)	1413(2400)
		Heating	(m ³ /h)	906(1540)	889(1510)	1177(2000)
	Type×Q'ty	Propeller fan×1				
Motor output			W	23	50	115
Sound pressure level	Cooling	Heating	dB(A)	48	49	51
				48	49	51
Heat exchanger type	Dimensions (H×W×D)		in.	19-27/32×25-9/32×1-7/16	19-27/32×35-9/32×1-7/16	23-5/32×34-11/16×1-7/16
			mm	504×642×36.4	504×896×36.4	588×881×36.4
	FPI (mm)	1.4				
	Rows×Stages	2×24				
	Pipe type	Copper				
Fin Type	Aluminum					
Compressor	Type×Q'ty	Rotary×1				
	Motor output	W	500	750	750	
Refrigerant	Type	R410A				
	Charge	lb.oz.	1lb.14oz.	2lb.5oz.	2lb.10.3oz.	
kg		0.85				
Refrigerant oil	Type	RB68				
Enclosure	Material	Steel				
	Colour	Beige Approximate color of MUNSELL 10YR7.5/1.0				
Dimensions (H×W×D)	Net		mm	540×660×290	540×790×290	620×790×290
			inch	21-11/32×22×11-11/32	21-11/32×31-3/32×11-11/32	24-1/2×31-3/32×11-11/32
	Gross		mm	611×797×401	625×919×385	712×935×400
			inch	24-1/16×31-3/8×15-25/32	24-19/32×36-3/16×15-5/32	28-1/32×36-13/16×15-3/4
Weight	Net	Gross	lb.(kg)	60(27)	80(36)	89(40)
				67(30)	86(39)	97(44)
Connenction pipe	Size	Liquid	in.	Ø1/4(Ø6.35)		
		Gas	(mm)	Ø3/8(Ø9.52)		
	Method			Flare		
	Max.length			ft.	66(20)[chargeless:49(15)]	
Max.height difference			(m)	49(15)		
Operation range	Cooling	Heating		°F	14to115(-10 to 46)	
				(°C)	5 to 75(-15to 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(7.5m),Height difference:0 m.(Outdoor unit-Indoor unit)