

3. SPECIFICATIONS

Type				WALL MOUNTED INVERTER HEAT PUMP					
Model name				ASU9RLF	ASU12RLF	ASU15RLS			
Power source				208/230V~60HZ					
Available voltage range				187-253V~60HZ					
Capacity	Cooling	Rated	kW	2.637	3.516	4.249			
			BTU/h	9000	12000	14500			
		Min-Max	kW	0.50-3.20	0.90-3.90	1.10-4.60			
	BTU/h		1700-10900	3100-13300	3800-16000				
	Heating	Rated	kW	3.516	4.689	5.275			
			BTU/h	12000	16000	18000			
Min-Max		kW	0.50-4.40	0.90-5.60	0.90-6.00				
	BTU/h	1700-15000	3100-19100	3100-21000					
Input power	Cooling	Rated	kW	0.65	0.96	1.16			
		Max		1.27	1.40	1.90			
	Heating	Rated		0.89	1.28	1.46			
		Max		1.60	1.99	2.40			
Current	Cooling	Rated	A	3.2	4.4	5.2			
		Max		6.0	6.5	9.0			
	Heating	Rated		4.2	5.9	6.4			
		Max		7.5	9.0	10.5			
EER	Cooling	kW/kW	4.05	3.66	3.66				
		BTU/hW	13.8	12.5	12.5				
COP	Heating	kW/kW	3.95	3.66	3.60				
		BTU/hW	13.47	12.50	12.3				
SEER	Cooling	BTU/hW	23.0	22.0	21.0				
HSPF	Heating	BTU/hW	11.0	11.0	11.0				
POWER FACTOR	Cooling	%	88	95	97				
	Heating		92	94	99				
Moisture removal			pints/h(l/h)	2.75(1.3)	3.80(1.8)	4.44(2.1)			
Fan	Airflow rate	Cooling	High	CFM (m ³ /h)	441(750)		489(830)		
			Med		371(630)		400(680)		
			Low		283(480)		306(520)		
			Quiet		182(310)		212(360)		
		Heating	High		441(750)		512(870)		
			Med		371(630)		400(680)		
			Low		300(510)		359(610)		
			Quiet		194(330)		218(370)		
	Type×Q'ty			Cross flow fan×1					
	Motor output			W					
Sound pressure level	Cooling	High	dB(A)	43	43	46			
		Med		40	40	40			
		Low		32	32	33			
		Quiet		23	23	25			
	Heating	High		43	43	46			
		Med		38	38	40			
		Low		33	33	35			
		Quiet		24	24	26			
		Dimensions (H×W×D)			in.(mm)	Main: 12-19/32×24-13/16×25/32 (320×630×20)		Sub: 3-5/16×24-13/16×17/32 (84×630×13.3)	
		Fin pitch			FPI	Main:23 Sub:18			
Rows×Stages			Main:2×20 Sub:1×4						
Pipe type			Copper						
Fin type			Aluminum						
Material			Polystyrene						
Enclosure			Color			White Approximate color of MUNSELL N9.25/			
Dimensions (H×W×D)	Net	mm	280×790×203						
		inch	11-1/32×31-3/32×8						
	Gross	mm	263×840×375						
		inch	10-11/32×33-1/16×14-25/32						
Weight	Net	lb.(kg)	18(8)						
	Gross		24(10.5)						
Connection pipe	Size	Liquid	in.(mm)	Ø1/4(Ø6.35)					
		Gas		Ø3/8(Ø9.52)					
	Method	Flare							
Operation range	Cooling	°F(°C)	64 to 90(18 to 32)						
		%RH	80 or less						
	Heating	°F(°C)	88(30) or less						
Remote controller type				Wireless					
Drain pipe	Material			PE					
	Size		mm (Reference in.)	Outer diameter : 28(1-3/32) Inner diameter : 16(5/8)					

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)