

3. SPECIFICATIONS

Type				FLOOR TYPE			
				INVERTER HEAT PUMP			
Model name				AGU9RLF	AGU12RLF	AGU15RLF	
Power source				208 / 230V ~ 60Hz			
Available voltage range				187 - 253V ~ 60Hz			
Capacity	Cooling	Rated	kW	2.64	3.52	4.16	
			Btu/h	9000	12000	14,200	
		Min. - Max.	kW	0.90 - 3.80	0.90 - 4.20	0.90 - 5.20	
		Btu/h	3100 - 13,000	3100 - 14,300	3100 - 17,700		
	Heating	Rated	kW	3.52	4.69	5.28	
			Btu/h	12000	16000	18000	
Min. - Max.		kW	0.90 - 5.50	0.90 - 5.70	0.90 - 6.10		
	Btu/h	3100 - 18,800	3100 - 19,500	3100 - 20,800			
Input power	Cooling	Rated	kW	0.56	0.91	1.13	
		Min. - Max.		0.20 - 2.05	0.20 - 2.05	0.18 - 2.16	
	Heating	Rated		0.88	1.44	1.58	
	Min. - Max.	0.20 - 2.62		0.20 - 2.62	0.18 - 3.30		
Current	Cooling	Rated	A	2.9	4.2	5.1	
	Heating		4.1	6.7	7.0		
EER	Cooling	kW/kW	4.71	3.87	3.68		
		Btu/hW	16.0	13.1	12.5		
COP	Heating	kW/kW	4.00	3.27	3.34		
		Btu/hW	13.6	11.1	11.3		
SEER	Cooling	Btu/hW	26.0	22.7	20.3		
HSPF	Heating	Btu/hW	12.6	11.6	11.2		
Power factor	Cooling	%	84	94	96		
	Heating		93	93	98		
Moisture removal		pints/h (l/h)	2.7 (1.3)	3.8 (1.8)	4.4 (2.1)		
Maximum operating current *1	Cooling	A	9.3	9.3	9.8		
	Heating		10.8	10.8	13.8		
Fan	Cooling	High	CFM (m ³ /h)	336 (570)		383 (650)	
		Med		271 (460)		306 (520)	
		Low		212 (360)		235 (400)	
		Quiet		159 (270)		159 (270)	
	Heating	High		353 (600)		383 (650)	
		Med		283 (480)		306 (520)	
		Low		218 (370)		230 (390)	
		Quiet		159 (270)		159 (270)	
	Type × Q'ty	Cross flow fan × 2					
	Motor output	W 16 × 2					
Sound pressure level	Cooling	High	dB (A)	40	44		
		Med		35	38		
		Low		29	31		
		Quiet		23	23		
	Heating	High		40	43		
		Med		35	37		
		Low		29	29		
		Quiet		23	23		
Heat exchanger type	Dimensions (H × W × D)	in. (mm)	14-7/8 × 21-5/8 × 1-1/16 (378 × 550 × 26.6)				
	Fin pitch	FPI	21				
	Rows × Stages		2 × 18				
	Pipe type		Copper				
	Fin type		Aluminum				
Enclosure	Material		Polystyrene				
	Color		White Approximate color of MUNSELL N9.25/				
Dimensions (H × W × D)	Net	inch	23-5/8 × 29-1/8 × 7-7/8				
		mm	600 × 740 × 200				
	Gross	inch	27-9/16 × 32-5/16 × 12-3/16				
		mm	700 × 820 × 310				
Weight	Net	lbs. (kg)	31 (14)				
	Gross		37 (17)				
Connection pipe	Size	Liquid	in. (mm)	Ø1/4 (Ø6.35)			
		Gas		Ø3/8 (Ø9.52)	Ø1/2 (Ø12.70)		
	Method			Flare			
Operation range	Cooling	°F (°C)	64 to 90 (18 to 32)				
		%RH	80 or less				
	Heating	°F (°C)	60 to 88 (16 to 30)				
Remote controller type	Wireless						
Drain hose	Material	PP + LLDPE					
	Size	in.(mm)	Ø9/16(Ø13.8) (I.D.), Ø5/8 to Ø11/16(Ø15.8 to Ø16.7) (O.D.)				

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.(7.5m), Height difference:0 m. (Outdoor unit-Indoor unit)

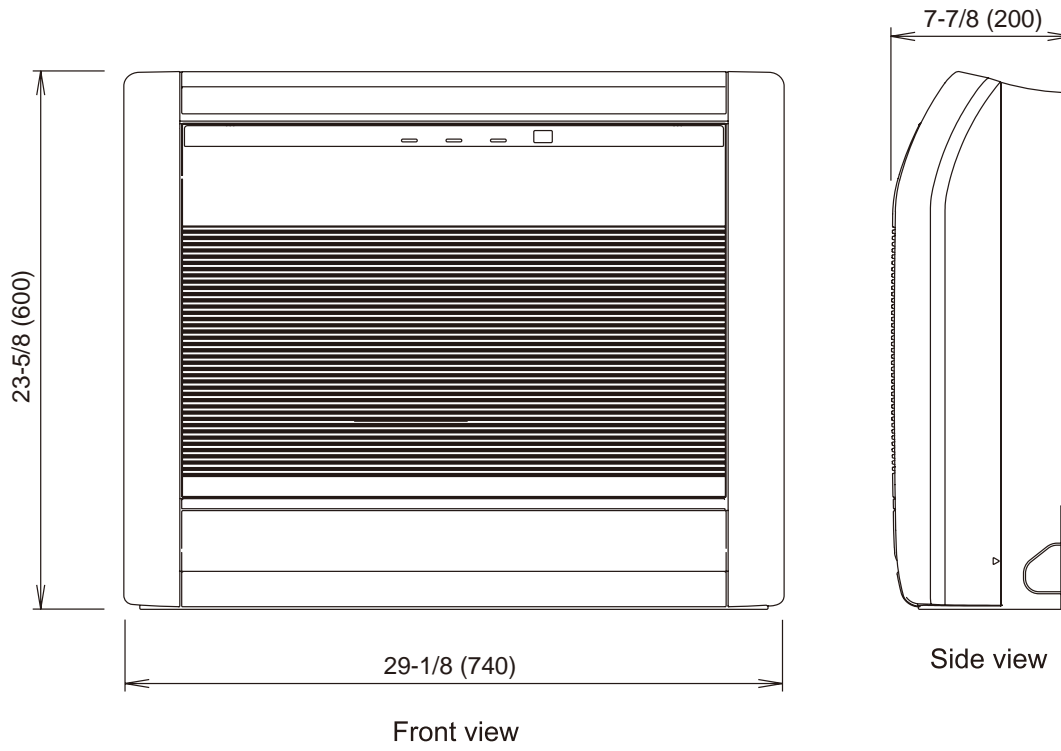
The protective function might work when using it outside the operation range.

*1: The maximum current is the maximum value when the operated within the operation range.

4. DIMENSIONS

■ MODEL: AGU9RLF, AGU12RLF, AGU15RLF

Unit: in. (mm)



■ INSTALLATION PLACE

