

## **SUBMITTAL 9RLFFH**

# **AIRSTAGE**

### **Inverter Driven Heat Pump**

## 9,000 BTU Single Zone Floor Mount System

Job Name		
Location		Date
Engineer		Approval
Submitted To	Со	nstruction
Submitted By		Unit No
Reference	D	rawing No

### **PRODUCT FEATURES**

Auto Changeover
24 hr. Timer
Auto Louver
Minimum Heat Mode
Auto Restart
Wireless Remote Controller Included
Powerful Mode
Floor Level Heating





Indoor Unit	MODEL NUMBERS					
Outdoor Unit         AOU9RLFFH           System         9RLFFH           EFFICIENCIES           SEER         26           SEER 2         26           EER         16           EER 2         16           HSPF         12.4           HSPF 2 (IV) / HSPF 2 (V)         11.6/9.4           COP         kW/kW         4           COP         Btu/h         13.6           COP2         kW/kW         4           COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         Rated         14 to 115 (-10 to 46)           Heating         Rated         9000           MinMax.         Btu/h         3,100-13,000           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         ft (m)         61/4 (86.35)           Gas         Ø3/8 (Ø9.52)         Pre-charge length           Minimum Length         ft (m)         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Max. length         10 (3)         66 (20)           Max. length         10				AGU9RI F		
System         9RLFFH           EFFICIENCIES           SEER         26           SEER         26           EER         16           HSPF         12.4           KSPF 2 (IV) / HSPF 2 (V)         11.6/9.4           COP         kW/kW         4           COP         kW/kW         4           COP2         kW/kW         4           COB1000         "1.5 km/s <td></td> <td></td> <td colspan="3"></td>						
### SEER						
SEER 2				SKEITTI		
SEER 2         16           EER 2         16           HSPF         12.4           HSPF 2 (IV) / HSPF 2 (V)         11.6/94           COP         kW/kW         4           COP 2         kW/kW         4           COP2 0         kW/kW         4           COD100 0         6         2           COD100 0         fk (stable of the stable of th	SEER			26		
The color of the	SEER 2			26		
HSPF	EER			16		
HSPF 2 (IV) / HSPF 2 (V)	EER 2			16		
COP         kW/kW         4           COP         Btu/h         13.6           COP2         kW/kW         4           COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         "F("C)         14 to 115 (-10 to 46)           Heating*         *F("C)         *-15 to 75 (-26 to 24)           CAPACITIES           Cooling         Rated Min.—Max. And Min.—Max. And Min.—Max. But/h         3,100—13,000           Heating         Btu/h         3,100—13,000           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         in (mm)         01/4 (06.35)           Gas         in (mm)         03/8 (09.52)           Pre-charge length         49 (15)           Minimum Length         49 (15)           Max. length         49 (15)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT           Net (H × W × D)         in (mm)         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Gross (H × W x D)         b (kg)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT           Net (H x W x	HSPF			12.4		
COP         Btu/h         13.6           COP2         kW/kW         4           COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-15 to 75 (-26 to 24)           CAPACITIES           Cooling         Rated MinMax. Area MinMax.         Btu/h         3,100-13,000           Heating         Rated MinMax. Btu/h         12000           LINESET REQUIREMENTS         Flare         12000           Connection Method         In (mm)         Ø1/4 (Ø6.35)           Gas         in (mm)         Ø3/8 (Ø9.52)           Pre-charge length         ft (m)         49 (15)           Minimum Length         ft (m)         10 (3)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Net (H × W × D)         In (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           OUTDOOR DIMENSIONS & WEIGHT         31 (14)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)         28-1/16 × 37-3/16 × 15-9/16 (713 ×	HSPF 2 (IV) / HSPF 2 (V	′)		11.6/9.4		
COP2         kW/kW         4           COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-15 to 75 (-26 to 24)           CAPACITIES           Cooling         Rated Min.—Max. Rated Min.—Max.         9000           Heating         Rated Min.—Max.         12000           Linusest Requirements         Flare           Connection Method         In (mm)         Ø1/4 (Ø6.35)           Gas         in (mm)         Ø3/8 (Ø9.52)           Pre-charge length         49 (15)           Minimum Length         ft (m)         66 (20)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Net Weight         Ib (kg)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           OUTDOOR DIMENSIONS & WEIGHT         37 (17)           Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Max (H x W x D)         10 (Max (H x W x D)	COP	kW/kW		4		
COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-15 to 75 (-26 to 24)           CAPACITIES           Cooling         Rated MinMax.         9000           Heating         Rated MinMax.         12000           MinMax.         712000           INESET REQUIREMENTS           Connection Method         Flare           Liquid         60 (20)           Gas         in (mm)         671/4 (66.35)           Pre-charge length         49 (15)           Minimum Length         ft (m)         66 (20)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Ret (H × W × D)         1b (kg)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           OUTDOOR DIMENSIONS & WEIGHT         31 (14)         37 (17)           Net (H × W × D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H × W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           OUTDOOR DIMENSIONS & WEIGHT<	СОР	Btu/h		13.6		
OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-15 to 75 (-26 to 24)           CAPACITIES           Cooling         Rated MinMax. Btu/h         3,100-13,000           Heating         Btu/h         3,100-18,800           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         flare         93/8 (Ø9.52)           Pre-charge length         49 (15)           Minimum Length         49 (15)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Net (H × W × D)         in (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           Net Weight         Ib (kg)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT         37 (17)           Net (H × W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H x W x D)         in (mm)         24-7/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ib (kg)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)	COP2	kW/kW				
Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-15 to 75 (-26 to 24)           CAPACITIES           Cooling         Rated MinMax. Max.         Btu/h         3,100-13,000           Heating         MinMax.         3,100-18,800           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         Ø1/4 (Ø6.35)           Gas         Ø3/8 (Ø9.52)           Pre-charge length         49 (15)           Minimum Length         49 (15)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Net (H × W × D)         in (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           Net Weight         Ib (kg)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Net (H × W × D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Ocross (H × W × D)         in (mm)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ib (kg)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)	COP2	Btu/h	13.6			
Rated   MinMax.   Btu/h   3,100-13,000     Heating   Rated   MinMax.   Btu/h   3,100-13,000     Heating   Rated   MinMax.   3,100-18,800     Heating   MinMax.   Tomore   Tom	OUTDOOR TEMPERATI	JRE OPERATIO	N RANGE			
Reating	Cooling	°E(°C)		14 to 115 (-10 to 46)		
Cooling         Rated Min.—Max. Rated Min.—Max.         Btu/h         3,100—13,000           Heating         Rated Min.—Max.         3,100—18,800           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         in (mm)         Ø1/4 (Ø6.35)           Gas         Ø3/8 (Ø9.52)           Pre-charge length         49 (15)           Minimum Length         10 (3)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Net (H × W × D)         in (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           OUTDOOR DIMENSIONS & WEIGHT         31 (14)           Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H x W x D)         in (mm)         24-7/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ih (kg)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)	Heating*	- F( C)		*-15 to 75 (-26 to 24)		
MinMax.   Btu/h   3,100-13,000   12000   1	CAPACITIES					
Heating	Cooling	Rated		9000		
Rated   Min Max.   3,100-18,800	Cooming		Rtu/h	3,100–13,000		
Min.—Max.   3,100—18,800	Heating	Rated	Dtu/II			
Connection Method         Flare           Liquid         In (mm)         Ø1/4 (Ø6.35)           Gas         Ø3/8 (Ø9.52)           Pre-charge length         49 (15)           Minimum Length         49 (15)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Net (H × W × D)         in (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           Net Weight         1b (kg)         31 (14)           Gross (H x W x D)         In (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Yet (H x W x D)         In (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Yet (H x W x D)         In (mm)         24-7/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ih (kg)         86 (39)				3,100–18,800		
Liquid         in (mm)         Ø1/4 (Ø6.35)           Gas         Ø3/8 (Ø9.52)           Pre-charge length         49 (15)           Minimum Length         10 (3)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Met (H × W × D)         in (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           Net Weight         Ib (kg)         31 (14)           Gross (H × W x D)         In (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Weight         In (mm)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ib (kg)         86 (39)		ITS				
Gas   M (MINI)   Ø3/8 (Ø9.52) Pre-charge length   49 (15) Minimum Length   66 (20) Max. length   66 (20) Max. height difference   49 (15) INDOOR DIMENSIONS & WEIGHT  Net (H × W × D)   in (mm)   23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200) Gross (H × W × D)   10 (kg)   27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)  Net Weight   16 (kg)   37 (17)  OUTDOOR DIMENSIONS & WEIGHT  Net (H × W × D)   in (mm)   24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290) Gross (H × W × D)   in (mm)   28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)  Net Weight   1h (kg)   86 (39)						
Gas		in (mm)		, ,		
Minimum Length         ft (m)         10 (3)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)           Gross (H × W × D)         in (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           Net Weight         lb (kg)         31 (14)           Gross Weight         37 (17)           OUTDOOR DIMENSIONS & WEIGHT           Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H x W x D)         in (mm)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         lb (kg)         86 (39)		(,		, ,		
Max. length       66 (20)         Max. height difference       49 (15)         INDOOR DIMENSIONS & WEIGHT       23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)         Gross (H × W × D)       in (mm)       27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)         Net Weight       1b (kg)       31 (14)         Gross Weight       37 (17)         OUTDOOR DIMENSIONS & WEIGHT         Net (H x W x D)       in (mm)       24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)         Gross (H x W x D)       28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)         Net Weight       1b (kg)       86 (39)						
Max. length     66 (20)       Max. height difference     49 (15)       INDOOR DIMENSIONS & WEIGHT     23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)       Net (H × W × D)     in (mm)     27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)       Net Weight     Ib (kg)     31 (14)       Gross Weight     37 (17)       OUTDOOR DIMENSIONS & WEIGHT       Net (H x W x D)     in (mm)     24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)       Gross (H x W x D)     28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)       Net Weight     Ib (kg)     86 (39)		ft (m)				
Net (H × W × D)   In (mm)   23-5/8 × 29-1/8 × 7-7/8 (600 × 740 × 200)   27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)     Net Weight   Ib (kg)   31 (14)     Gross Weight   OUTDOOR DIMENSIONS & WEIGHT     Net (H x W x D)   In (mm)   24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)     Gross (H x W x D)   In (mm)   28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)     Net Weight   Ib (kg)   86 (39)		` ` ′	1.7			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						
Gross (H × W × D)         In (mm)         27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310)           Net Weight         Ib (kg)         31 (14)           Gross Weight         37 (17)           OUTDOOR DIMENSIONS & WEIGHT           Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H x W x D)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ib (kg)         86 (39)		& WEIGHT				
Cross (H × W × D)		in (mm)				
Gross Weight 37 (17)  OUTDOOR DIMENSIONS & WEIGHT  Net (H x W x D) in (mm)  Gross (H x W x D)  Very State of the state of	Gross (H × W × D)	()	, ,			
37 (17)   OUTDOOR DIMENSIONS & WEIGHT   Net (H x W x D)   in (mm)   24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)     28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)   Net Weight   Ih (ka)   86 (39)	Net Weight	lh (ka)		, ,		
Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Gross (H x W x D)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ih (ka)         86 (39)			37 (17)			
Gross (H x W x D)  Net Weight  In (mm)  28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)  86 (39)	OUTDOOR DIMENSION	IS & WEIGHT				
Gross (H x W x D) 28-1/16 × 37-3/16 × 15-9/16 (/13 × 945 × 395)  Net Weight	Net (H x W x D)	in (mm)				
	Gross (H x W x D)	111 (111111)	28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)			
Gross Weight 95 (43)	Net Weight	lh (ka)	86 (39)			
	Gross Weight	— ID (Kg)	95 (43)			

<sup>\*</sup> System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range.

Effective Date:

### **Warranty Information**



7 Year Compressor, 5 Year Parts out-of-the-box Warranty



10 Year Compressor, 10 Year Parts Warranty when registered within 60 days of installation in a residence



12 Year Compressor, 12 Year Parts Warranty when registered within 60 days of installation in a residence, and installed by a Fujitsu Elite contractor

ACCESSORIES	
UTY-RVNUM	Wired remote controller
UTY-RNNUM	Wired remote controller
UTY-RSNUM	Simple remote controller
UTY-XWZXZ5	External Connect Kit
FJ-IR-WIFI-1NA	Intesis IR WiFi module
FJ-RC-WIFI-1BT	Intesis Wired WiFi module



This system combination is Energy Star qualified



+App available in Apple® App Store and Google® Play Store.

Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Portal for the most up-to-date documentation https://connect.fujitsugeneral.com

05/07/2024 https://connect.fujitsugeneral.com
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# SUBMITTAL 9RLFFH

# **AIRSTAGE**

# Inverter Driven Heat Pump

## 9,000 BTU Single Zone Floor Mount System

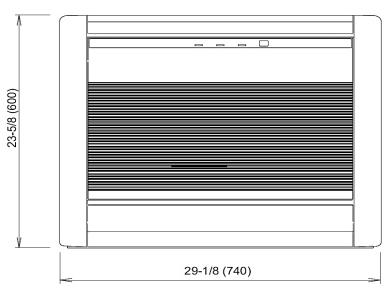
FAN DATA				
	Cooling	HIGH	CFM (m3/h)	336 (570)
		MED		271 (460)
		LOW		212 (360)
Indoor Unit Airflow rate		QUIET		159 (270)
illuooi oliit Allilow late	Heating	HIGH		353 (600)
		MED		283 (480)
		LOW		218 (370)
		QUIET		159 (270)
Outdoor Unit Airflow	Cooling			1,207 (2,050)
rate	Heating			1,207 (2,050)
SOUND PRESSURE				
		HIGH	dB (A)	40
	Cooling	MED		35
		LOW		29
Indoor Unit		QUIET		23
indoor offic	Heating	HIGH		40
		MED		35
		LOW		29
		QUIET		23
Outdoor Unit	Cooling Heating			49
Odtdoor offic				50
REFRIGERANT				
Туре				R410A
Charge	lb oz			2 lb 10 oz
charge	g			1200
Oil Type				FREOL α68SZ

ELECTRICAL SPEC	IFICATIONS				
Voltage/Frequency/Phase		208/230 V~ 60 Hz			
Available Voltage	Range			187–253 V	
Current	Cooling	Rated		2.9	
Cullent	Heating	Rated		4.1	
Maximum Operating Current		Cooling		10.3	
maxiiiiuiii opeiau	ing current	Heating	A	11.8	
Starting current				4.1	
MCA				11.8	
Maximum Circuit Breaker				15	
	Cooling	Rated		0.56	
Input Power	Cooling	Min.–Max.	kW	0.20-2.05	
iliput rowei	Hosting	Rated	KVV	0.88	
	Heating	Min.–Max.		0.20-2.62	
Power Factor	Cooling Heating		%	84	
Power ractor			70	93.3	
OTHER					
Moisture Removal		pints/h (L/h)	2.7 (1.3)		
Energy Star				Yes	
	Material		PP + LLDPE		
Drain hose	Tip diameter	in (mm)	Ø 9/16 (Ø 13.8) (I.D.), Ø 5/8 to Ø		
			11/16 (Ø 15.8 to Ø 16.7) (O.D.)		
	Cooling	°F (°C)	64 to 90 (18 to 32)		
Operation Range		%RH	80 or less		
	Heating	°F (°C)	60 to 88 (16 to 30)		

## **DIMENSIONS:**

Units: In. (mm)

## Indoor Unit:





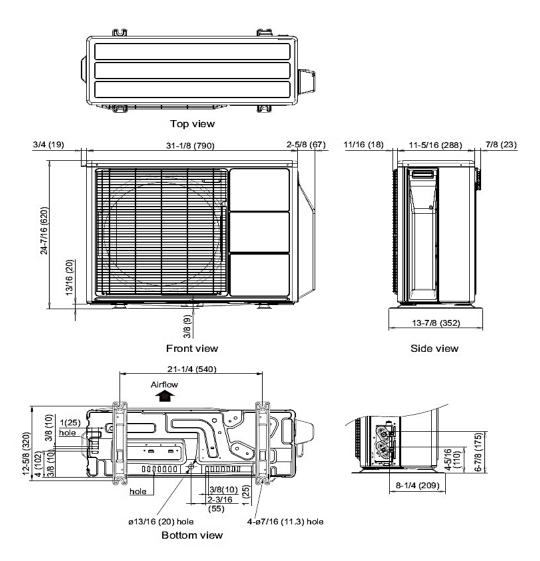
Front view

**Inverter Driven Heat Pump** 

## 9,000 BTU Single Zone Floor Mount System

DIMENSIONS Units: In. (mm)

### Outdoor Unit



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Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80Ff (26.7°C) D8/67Ff (19.4°C) WB, and outdoor temperature of 95Ff (35°C) DB/75Ff (23.9°C)
WB. Heating: Indoor temperature of 70Ff (21.1°C) D8/60Ff (15.6°C) WB, and outdoor temperature of 47°Ff (8.3°C) DB/43°F
(6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - Indoor unit).