

## **SUBMITTAL 9RLFF**

# **AIRSTAGE**

### **Inverter Driven Heat Pump**

### 9,000 BTU Single Zone Floor Mount System

Job Name		
Location	Date_	
Engineer	Approval	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

#### **PRODUCT FEATURES**

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





Maguage	MODEL NUMBERS					
Outdoor Unit         AOUJRLFF           System         9RLFF           EFFICIENCIES         26           SEER         26           SEER 2         26           EER         16           HSPF 2 (IV) / HSPF 2 (V)         11.8/9.5           COP         kW/kW         4           COP         Btu/h         13.6           COP2         kW/kW         4           COP2         kW/kW         4           COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE         14 to 115 (-10 to 46)           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating         Rated         9000           Min.—Max.         Btu/h         3,100–13,000           Heating         Rated         12000           Min.—Max.         Btu/h         3,100–13,000           LINESET REQUIREMENTS         Flare           Connection Method         Flare           Liquid         in (mm)         Ø 1/4 (Ø 6.35)           Gas         Ø 3/8 (Ø 9.52)           Pre-charge length         Max. length         10 (3)           Max. length         10 (3)         66 (20)				AGU9RLE		
System						
SEER						
SEER 2	EFFICIENCIES			SILLIT		
EER 2 16  EER 2 16  HSPF 12.6  HSPF 2 (IV) / HSPF 2 (V) 11.8/9.5  COP	SEER			26		
SER 2	SEER 2			26		
HSPF   12.6	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*         *-5 to 75 (-21 to 24)           CAPACITIES           Cooling         Rated Min.—Max.         9000           Min.—Max.         Btu/h         3,100—13,000           Heating         4900           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         in (mm)         0 1/4 (0 6.35)           Gas         in (mm)         0 3/8 (0 9.52)           Pre-charge length         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 Weight         1b (kg)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT           Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-	HSPF			12.6		
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*         *-5 to 75 (-21 to 24)           CAPACITIES           Cooling         Rated MinMax. Btu/h         3,100-13,000           Heating         Btu/h         3,100-13,000           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         in (mm)         Ø 1/4 (Ø 6.35)           Gas         in (mm)         Ø 3/8 (Ø 9.52)           Pre-charge length         ft (m)         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         lb (kg)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT         31 (1/4)         60 (20)           Net (H x W x D)         in (mm)         24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)           Oross (H x W x D)         in (mm)	HSPF 2 (IV) / HSPF 2 (V	')		11.8/9.5		
COP2         kW/kW         4           COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-5 to 75 (-21 to 24)           CAPACITIES           Cooling         Rated MinMax. Rated MinMax.         9000           Heating         Rated MinMax.         12000           LINESET REQUIREMENTS         Flare           Connection Method         Flare           Liquid         in (mm)         Ø 1/4 (Ø 6.35)           Gas         in (mm)         Ø 3/8 (Ø 9.52)           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         lb (kg)         37 (17)           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 × 945 × 395)           Net Weight         Ih (ka)         44 (38)	COP	kW/kW		4		
COP2         Btu/h         13.6           OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-5 to 75 (-21 to 24)           CAPACITIES         Btu/h         3,100–13,000           Cooling         Rated Min.—Max.         3,100–13,000           Heating         Rated Min.—Max.         3,100–18,800           Liquid         10 (3)         66,200           Max. Liquid         10 (3)         9/8 (Ø 9.52)           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)         1b (kg)         37 (17)           OUTDOOR DIMENSIONS & WEIGHT         31 (14)         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)           Gross (H × W x D)         in (mm)         24-7/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ih (kg)         44 (38)	СОР	Btu/h		13.6		
OUTDOOR TEMPERATURE OPERATION RANGE           Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-5 to 75 (-21 to 24)           CAPACITIES           Cooling         Rated MinMax. AinMax.         Btu/h         3,100-13,000           Heating         MinMax.         3,100-18,800           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         flare         0 1/4 (Ø 6.35)           Gas         fl (mm)         0 3/8 (Ø 9.52)           Pre-charge length         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)           Net Weight         Ib (kg)         31 (14)           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)           Outs of the contraction of the	COP2	kW/kW		4		
Cooling         *F(*C)         14 to 115 (-10 to 46)           Heating*         *-5 to 75 (-21 to 24)           CAPACITIES           Cooling         Rated MinMax. Aim         Btu/h         3,100-13,000           Heating         MinMax.         3,100-18,800           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         Ø 1/4 (Ø 6.35)           Gas         Ø 3/8 (Ø 9.52)           Pre-charge length         49 (15)           Minimum Length         ft (m)           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)           Oross (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   Min.—Max.   Btu/h   3,100—13,000     Heating   Rated   Min.—Max.   Btu/h   3,100—13,000     Heating   Rated   Min.—Max.   3,100—18,800     Heating   Rated   Min.—Max.   3,100—18,800     Liquid   Min.—Max.   Min.—Max.   Min.—Max.   Min.—Max.     Minimum Length   Minimum	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         9000           Heating         Rated Min.—Max.         3,100—13,000           LINESET REQUIREMENTS           Connection Method         Flare           Liquid         in (mm)         Ø 1/4 (Ø 6.35)           Gas         in (mm)         Ø 3/8 (Ø 9.52)           Pre-charge length         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)           Net Weight         lb (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 x D)         in (mm)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)         Net Weight         1h (kg)	Heating*	-		*-5 to 75 (-21 to 24)		
MinMax   Rated   MinMax   Rated   MinMax   Min.	CAPACITIES					
Heating   Rated   Min.—Max.   Btu/h   3,100—13,000   1,2000   3,100—18,800   1,2000   3,100—18,800   1,400   6,350	Cooling	Rated	Rtu/b	9000		
Rated	Cooming			3,100–13,000		
Min.—Max.   3,100—18,800	Heating	Rated	Dtu/II			
Connection Method         Flare           Liquid         in (mm)         Ø 1/4 (Ø 6.35)           Gas         Ø 3/8 (Ø 9.52)           Pre-charge length         49 (15)           Minimum Length         10 (3)           Max. length         66 (20)           Max. height difference         49 (15)           INDOOR DIMENSIONS & WEIGHT         Net (H × W × D)           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         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         lh (kg)         84 (38)				3,100–18,800		
Liquid     in (mm)     Ø 1/4 (Ø 6.35)       Gas     Ø 3/8 (Ø 9.52)       Pre-charge length     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)       Net Weight     Ib (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 x W x D)     in (mm)     28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)       Net Weight     Ib (kg)     84 (38)		ITS				
Gas   M (MINI)   Ø 3/8 (Ø 9.52) Pre-charge length   49 (15) Minimum Length   10 (3) 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)   in (mm)   27-9/16 × 32-5/16 × 12-3/16 (700 × 820 × 310) Net Weight   1b (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)   84 (38)						
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)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         lh (kg)         84 (38)		(,				
Max. length         ft (iii)         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         Ib (kg)         31 (14)           Gross Weight         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 x W x D)         28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)           Net Weight         Ih (kg)         84 (38)						
Max. length       66 (20)         Max. height difference       49 (15)         INDOOR DIMENSIONS & WEIGHT		ft (m)	10 (3)			
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)		` ` ′	1 /			
Net (H × W × D)         in (mm)         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         Ib (kg)         31 (14)           Gross Weight         37 (17)           OUTDOOR DIMENSIONS & WEIGHT         VEIGHT           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 (kg)         84 (38)				49 (15)		
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         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         Ih (kg)         84 (38)		& 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)  Weight 18 (48)  19 (47)  10 (42)  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 19 (48)  10 (48)  24-7/16 × 31-1/8 × 11-7/16 (620 × 790 × 290)  28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)  84 (38)	Gross (H × W × D)	()	,			
Sample   S	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)     84 (38)			37 (17)			
Gross (H x W x D)  Net Weight  In (mm)  28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)  84 (38)	OUTDOOR DIMENSION	IS & WEIGHT				
Gross (H x W x D) 28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)  Net 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)	111 (111111)	28-1/16 × 37-3/16 × 15-9/16 (713 × 945 × 395)			
Gross Weight 93 (42)	Net Weight	lh (ka)	84 (38)			
	Gross Weight	ib (kg)		93 (42)		

<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

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## **SUBMITTAL 9RLFF**

# **AIRSTAGE**

## Inverter Driven Heat Pump

## 9,000 BTU Single Zone Floor Mount System

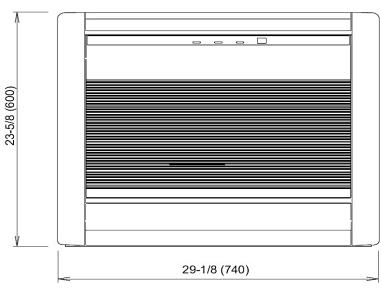
FAN DATA				
		HIGH	CFM (m3/h)	336 (570)
	CI:	MED		271 (460)
	Cooling	LOW		212 (360)
Indoor Unit Airflow rate		QUIET		159 (270)
indoor unit Airnow rate	Heating	HIGH		353 (600)
		MED		283 (480)
		LOW		218 (370)
		QUIET		159 (270)
Outdoor Unit Airflow	Cooling	-		1,207 (2,050)
rate	Heating			1,207 (2,050)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

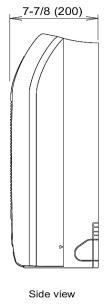
ELECTRICAL SPEC					
Voltage/Frequency/Phase			208/230 V ~60 Hz		
Available Voltage	Range	187–253			
Current	Cooling	Rated		2.	
Current	Heating	Rated		4.	
Mayimum Operati	ing Current	Cooling	A	9.3	
Maximum Operati	ing current	Heating		10.	
Starting current				4.	
MCA				10.8	
Maximum Circuit I	Breaker			1.	
	Cooling	Rated		0.5	
Input Dower		Min.–Max.	kW	0.20-2.0	
Input Power	Heating	Rated		0.88	
		Min.–Max.		0.20-2.62	
Power Factor	Cooling Heating		- %	8-	
				93.3	
OTHER					
Moisture Removal		pints/h (L/h)	2.7 (1.3		
Energy Star				Ye	
	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:





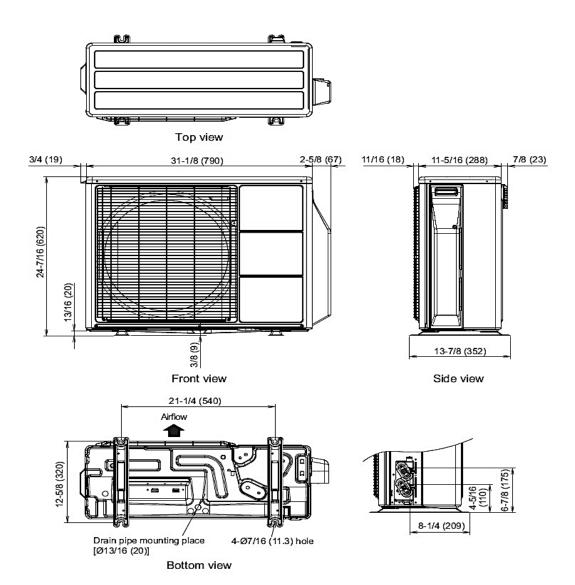
Front view

Inverter Driven Heat Pump

9,000 BTU Single Zone Floor Mount System

DIMENSIONS Units: In. (mm)

#### Outdoor Unit



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