

Inverter Driven Heat Pump

18,000 BTU Mid Static Ducted

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

PRODUCT FEATURES

- Up To 0.8" WC
- Two wire or Three wire Controls
- Automatic Airflow Adjustment
- Heating operation rated down to -5°F outdoor temperature
- Quiet Operation (as low as 24 decibels)
- Long Lineset Lengths (up to 164')



MODEL NUMBERS			
Indoor Unit	ARU18RGLX		
Outdoor Unit	AOU18RGLX		
System	18RGLXD		
EFFICIENCIES			
SEER	16.7		
SEER 2	16.7		
EER	11.9		
EER 2	11.9		
HSPF	9.3		
HSPF 2	9.3		
COP	kW/kW	3.72	
COP	Btu/hW	12.9	
COP2	kW/kW	3.72	
COP2	Btu/hW	12.9	
OUTDOOR TEMPERATURE OPERATION RANGE			
Cooling	*F(*C)	-5 to 115 (-21 to 46)	
Heating		-5 to 75 (-21 to 24)	
CAPACITIES			
Cooling	Rated	Btu/h	18000
	Min.-Max.		5,400-21,500
Heating	Rated		21000
	Min.-Max.		5,400-25,600
LINESET REQUIREMENTS			
Connection Method		Flare	
Liquid	in (mm)	Ø1/4 (6.35)	
Gas		Ø1/2 (12.70)	
Pre-charge length		66 (20)	
Minimum Length	ft (m)	16 (5)	
Max. length		164 (50)	
Max. height difference		98 (30)	
INDOOR DIMENSIONS & WEIGHT			
Net (H x W x D)	in (mm)	11-13/16 x 39-3/8 x 27-9/16 (300 x 1,000 x 700)	
Gross (H x W x D)		15-3/4 x 48-3/4 x 34-7/16 (400 x 1,238 x 875)	
Net Weight	lb (kg)	93 (42)	
Gross Weight		110 (50)	
OUTDOOR DIMENSIONS & WEIGHT			
Net (H x W x D)	in (mm)	32-11/16 x 35-7/16 x 13 (830 x 900 x 330)	
Gross (H x W x D)		39-3/8 x 41-5/16 x 17-1/2 (1,000 x 1,050 x 445)	
Net Weight	lb (kg)	134 (61)	
Gross Weight		152 (69)	

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-RNRUZ-Series	Wired Remote Controller
UTY-RSRY	Simple Remote Controller
UTY-RHRY	Simple Remote Controller
UTY-LBTUM	IR Receiver Kit with Wireless Remote Controller
UTY-XSZX	Remote Sensor Unit
UTD-LFNB	Long-life Filter
UTY-XWZXZG	External Connect Kit
UTY-XCSX	External Input and Output PCB
UTY-TFSXZ2	WLAN Adapter
UTY-VMSX	Modbus Converter
UTY-TTRXZ1	Thermostat Converter



This system combination is Energy Star qualified

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>

Effective Date: 3/6/2023

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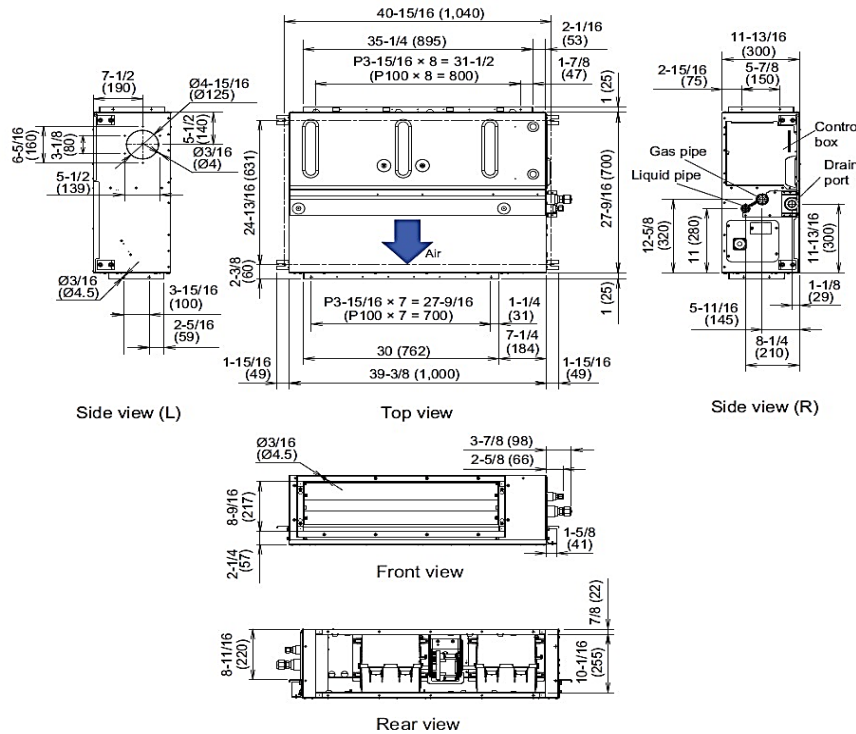
FAN DATA			
Indoor Unit Airflow rate	Cooling	HIGH	618 (1,050)
		MED	494 (840)
		LOW	430 (730)
		QUIET	371 (630)
	Heating	HIGH	618 (1,050)
		MED	494 (840)
		LOW	430 (730)
		QUIET	371 (630)
Outdoor Unit Airflow rate	Cooling	1,177 (2,000)	
	Heating	1,489 (2,530)	
SOUND PRESSURE			
Indoor Unit	Cooling	HIGH	31
		MED	28
		LOW	25
		QUIET	24
	Heating	HIGH	31
		MED	28
		LOW	25
		QUIET	24
Outdoor Unit	Cooling	47	
	Heating	50	
REFRIGERANT			
Type			R410A
Charge	lb oz	4 lb 10.1 oz	
	g	2100	
Oil Type	POE (RB68)		

ELECTRICAL SPECIFICATIONS			
Voltage/Frequency/Phase		208/230 V~ 60 Hz	
Available Voltage Range		187–253 V	
Current	Cooling	Rated	6.8
	Heating	Rated	7.3
Maximum Operating Current	Cooling		13.6
	Heating		14.1
Starting current			6.6
MCA			18.3
Maximum Circuit Breaker			20
Input Power	Cooling	Rated	1.51
		Min.–Max.	0.53–2.08
	Heating	Rated	1.65
		Min.–Max.	0.51–2.19
Power Factor	Cooling		96.5
	Heating		98.3
OTHER			
Moisture Removal		pints/h (L/h)	3.8 (1.8)
Energy Star			Yes
Drain hose	Material	PVC	
	Tip diameter	in (mm)	Ø13/16 (20.7) (I.D.), Ø1-1/16 (26.6) (O.D.)
Operation Range	Cooling	°F (°C)	64.4 to 89.6 (18 to 32)
	Heating	%RH	80 or less
Static pressure range	Cooling	°F (°C)	60.8 to 86.0 (16 to 30)
	Heating	inWG (Pa)	0.12 to 0.80 (30 to 200)

DIMENSIONS:

Units: In. (mm)

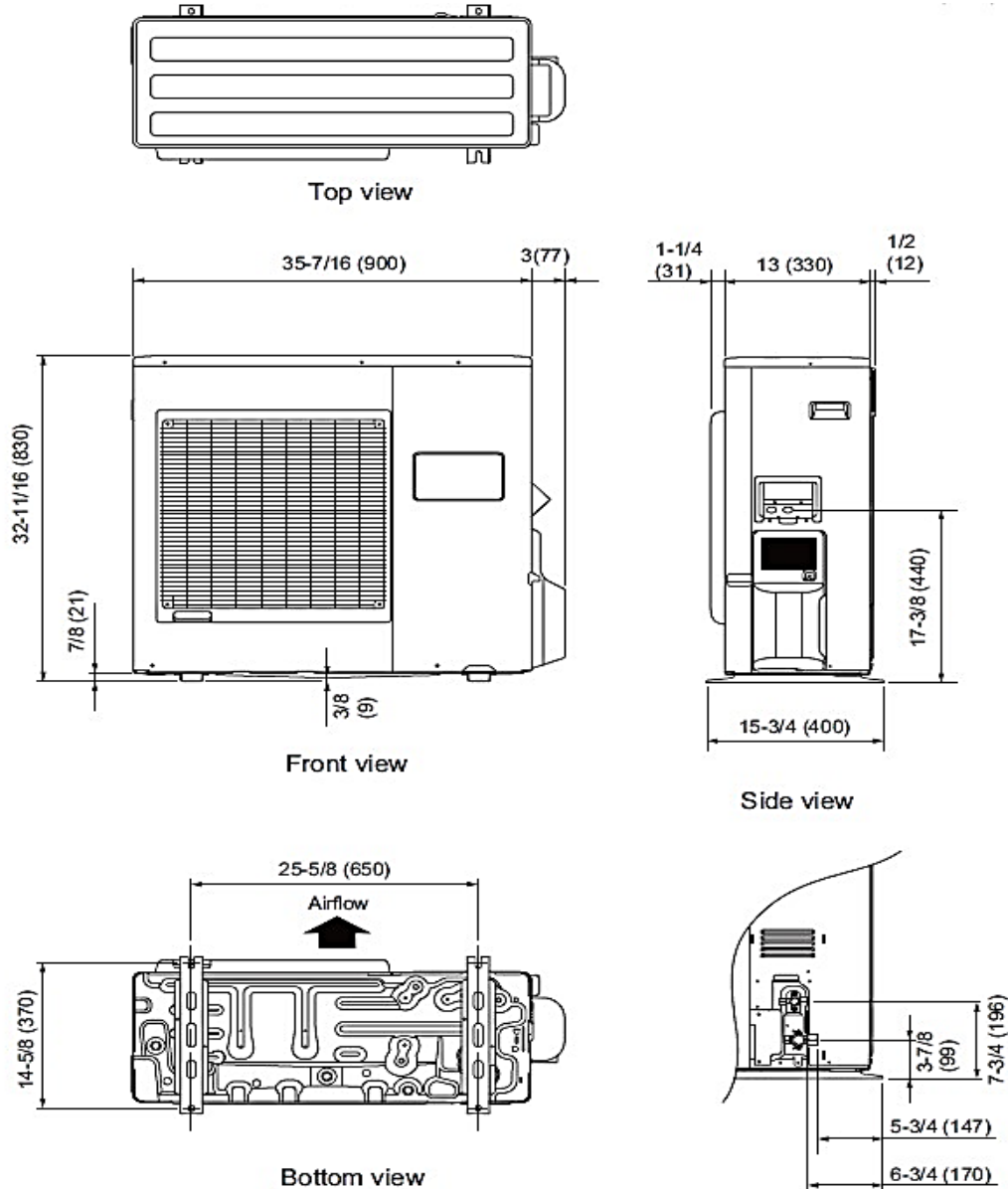
Indoor Unit:



DIMENSIONS

Units: In. (mm)

Outdoor Unit



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