

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	
HSPF2 (IV) / HSPF2 (V)		9.3/7.9	
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	ft (m)	66 (20)	
Minimum Length		16 (5)	
Max. length		164 (50)	
Max. height difference		98 (30)	
INDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	11-13/16 × 39-3/8 × 27-9/16 (300 × 1,000 × 700)	
Gross (H × W × D)		15-3/4 × 48-3/4 × 34-7/16 (400 × 1,238 × 875)	
Net Weight	lb (kg)	93 (42)	
Gross Weight		110 (50)	
OUTDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	32-11/16 × 35-7/16 × 13 (830 × 900 × 330)	
Gross (H × W × D)		39-3/8 × 41-5/16 × 17-1/2 (1,000 × 1,050 × 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-VMXS	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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18,000 BTU Mid Static Ducted

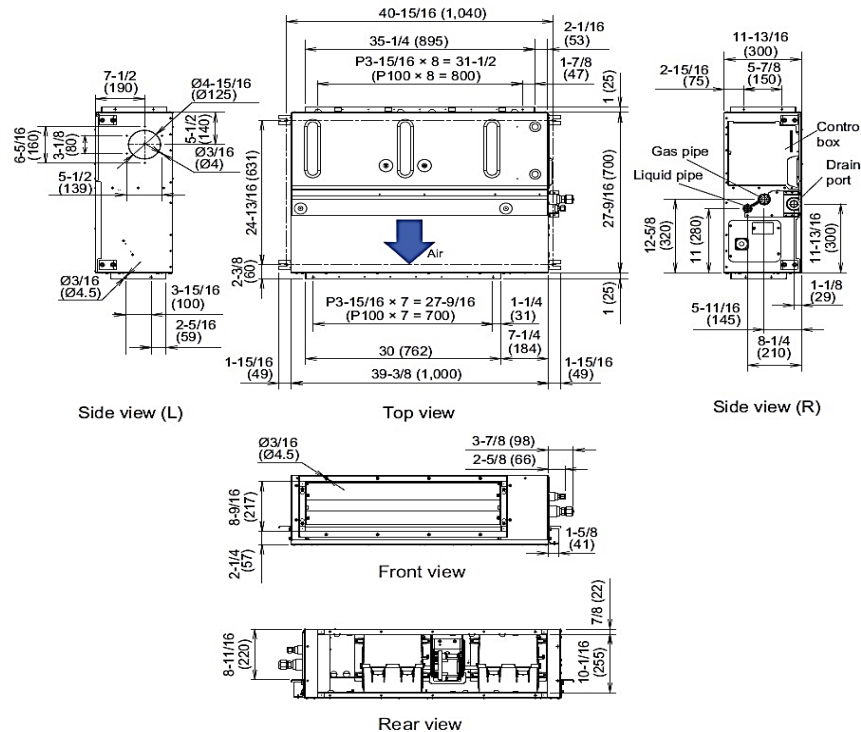
FAN DATA				
Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	618 (1,050)
		MED		494 (840)
		LOW		430 (730)
		QUIET		371 (630)
	Heating	HIGH		618 (1,050)
		MED		494 (840)
		LOW		430 (730)
		QUIET		371 (630)
Outdoor Unit Airflow rate	Cooling		1,177 (2,000)	
	Heating		1,489 (2,530)	
SOUND PRESSURE				
Indoor Unit	Cooling	HIGH	dB (A)	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	A	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	kW	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)	
		%RH	80 or less	
	Heating	°F (°C)	60.8 to 86.0 (16 to 30)	
	Static pressure range		inWG (Pa)	0.12 to 0.80 (30 to 200)

DIMENSIONS:

Units: In. (mm)

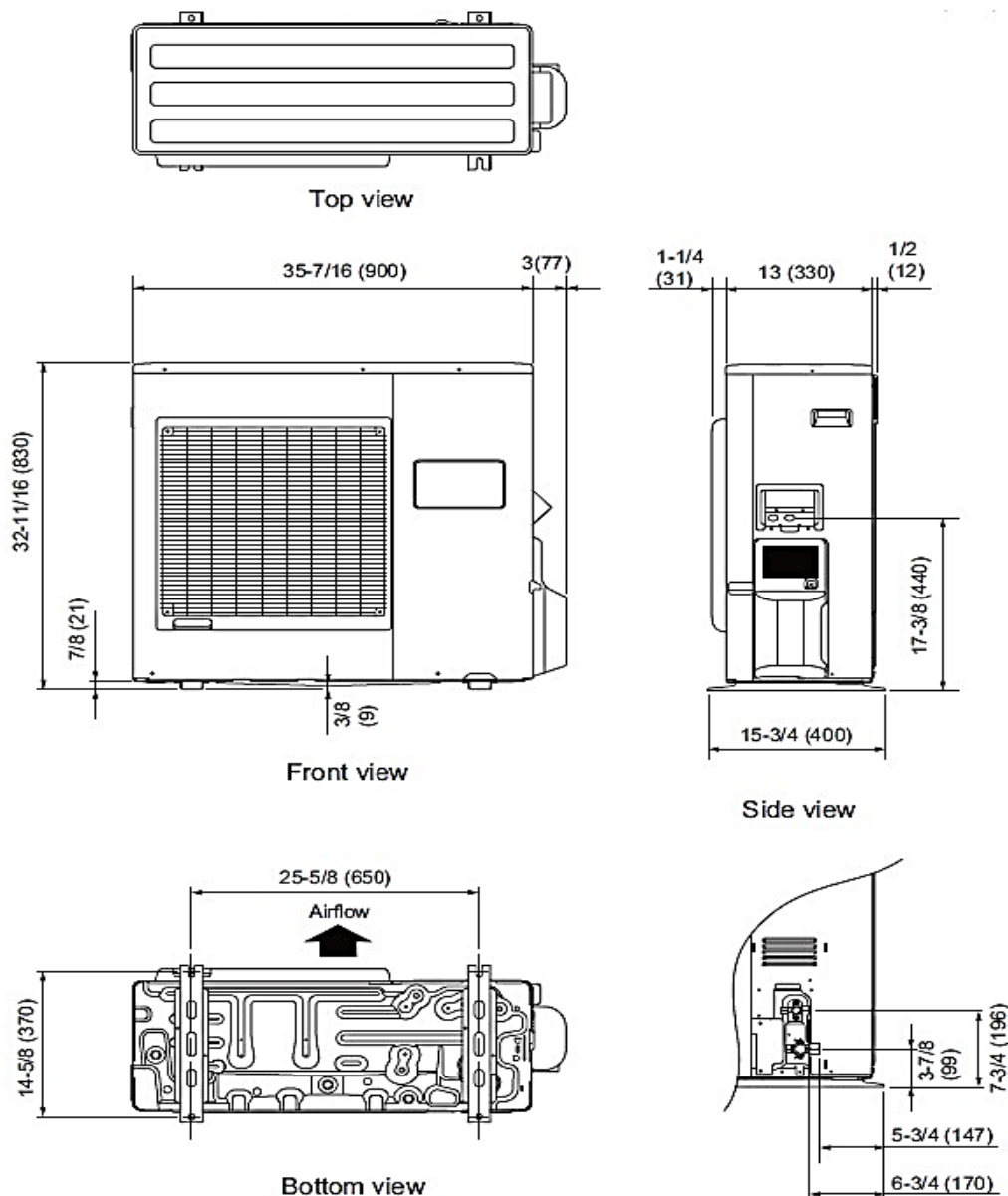
Indoor Unit:



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).