

Inverter Driven Heat Pump

42,000 BTU Mid Static Ducted

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

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

PRODUCT FEATURES

Up To 0.72" WC
 Two wire or Three wire Controls
 Automatic Airflow Adjustment
 Heating operation rated down to -5°F outdoor temperature
 Quiet Operation (as low as 29 decibels)
 Long Lineset Lengths (up to 246')



MODEL NUMBERS

Indoor Unit	ARU42RGLX
Outdoor Unit	AOU42RGLX
System	42RGLXD

EFFICIENCIES

SEER	17.8	
SEER 2	17.3	
EER	11.5	
EER 2	10.7	
HSPF	10.5	
HSPF 2	9.8	
COP	kW/kW	3.75
COP	Btu/hW	12.8
COP2	kW/kW	3.66
COP2	Btu/hW	12.49

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	42000
	Min.-Max.		17,100-45,000
Heating	Rated		47000
	Min.-Max.		18,000-51,000

LINESET REQUIREMENTS

Connection Method		Flare
Liquid	in (mm)	Ø3/8 (9.52)
Gas		Ø5/8 (15.88)
Pre-charge length		98 (30)
Minimum Length		16 (5)
Max. length		246 (75)
Max. height difference		98 (30)

INDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	11-13/16 x 55-1/8 x 27-9/16 (300 x 1,400 x 700)
Gross (H x W x D)		15-3/4 x 64-1/2 x 34-7/16 (400 x 1,638 x 875)
Net Weight	lb (kg)	121 (55)
Gross Weight		141 (64)

OUTDOOR DIMENSIONS & WEIGHT

Net (H x W x D)	in (mm)	50-13/16 x 35-7/16 x 13 (1,290 x 900 x 330)
Gross (H x W x D)		57-1/2 x 41-5/16 x 17-1/2 (1,460 x 1,050 x 445)
Net Weight	lb (kg)	209 (95)
Gross Weight		231 (105)

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*	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-LFNA	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

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: 12/12/2022

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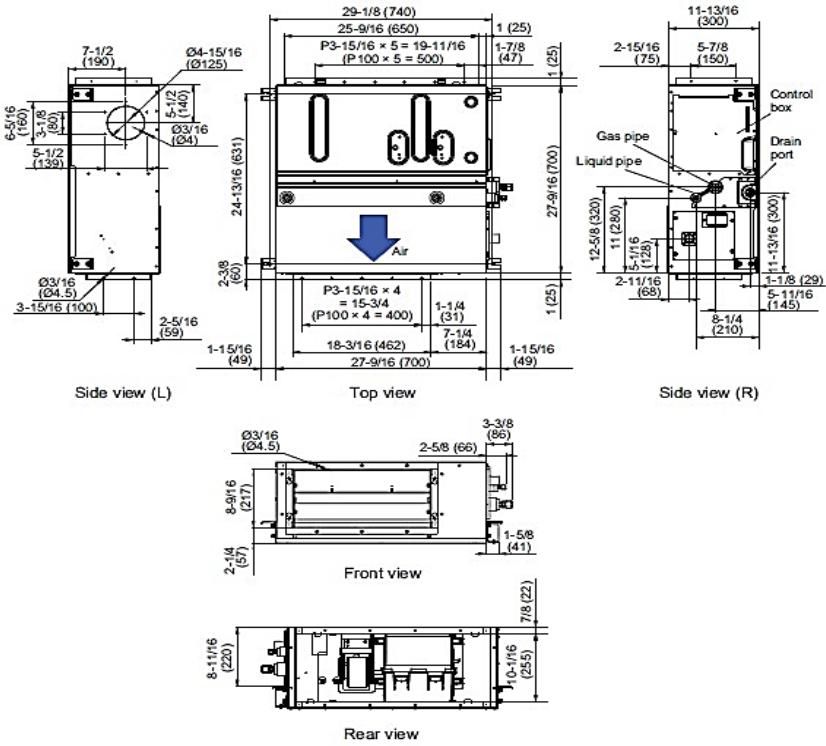
Inverter Driven Heat Pump

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FAN DATA				ELECTRICAL SPECIFICATIONS			
Indoor Unit Airflow rate	Cooling	HIGH	1,501 (2,550)	A	208/230 V~ 60 Hz		
		MED	1,201 (2,040)		187-253 V		
		LOW	971 (1,650)			17.2	
		QUIET	842 (1,430)			16.5	
	Heating	HIGH	1,501 (2,550)		Cooling	19.7	
		MED	1,201 (2,040)		Heating	19.7	
		LOW	971 (1,650)			16.8	
		QUIET	842 (1,430)			25.2	
Outdoor Unit Airflow rate	Cooling		3,973 (6,750)			30	
	Heating		3,649 (6,200)			3.93	
SOUND PRESSURE							
Indoor Unit	Cooling	HIGH	40	kW	Input Power	0.75-4.47	
		MED	35			3.76	
		LOW	33			0.67-4.57	
		QUIET	29			99.3	
	Heating	HIGH	40			99.1	
		MED	35				
		LOW	33				
		QUIET	29				
Outdoor Unit	Cooling		55				
	Heating		57				
REFRIGERANT							
Type			R410A				
Charge	lb oz		7 lb 10.1 oz				
	g		3450				
Oil Type			POE (VG74)				

DIMENSIONS:

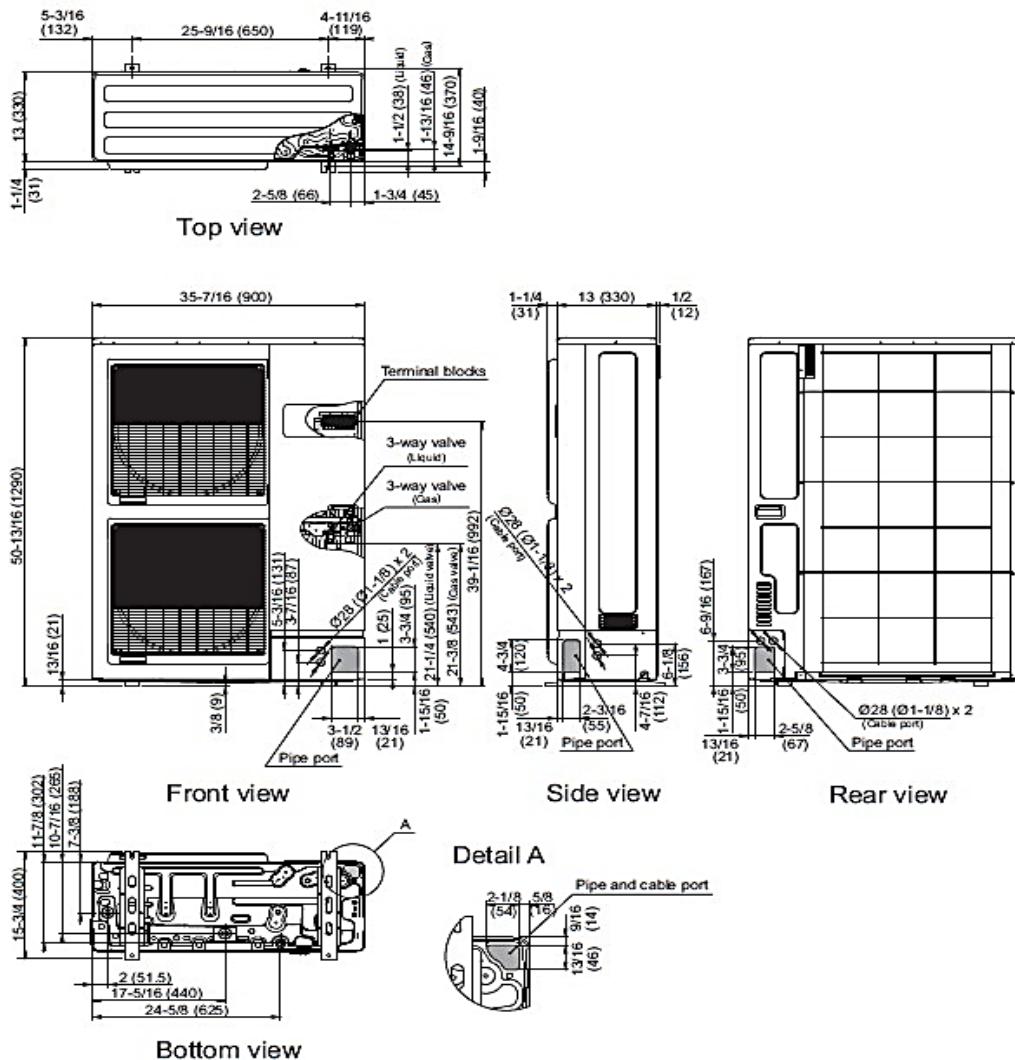
Indoor Unit:



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).