

Inverter Driven Heat Pump

48,000 BTU Circular Flow Cassette

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

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

PRODUCT FEATURES

360° Circular flow distributes air more evenly around the room
 Adjustable louver swing
 Adjustable airflow
 Optional human sensor detects room occupancy for energy savings
 7mm High density heat exchanger
 Seamless airflow louver
 Grille avile in White (UTG-GCGF) or Black (UTG-LCGVCB), sold separately



MODEL NUMBERS			
Indoor Unit		AUU48RGLX	
Outdoor Unit		AOU48RGLX	
System		48RGLXC	
EFFICIENCIES			
SEER		17.8	
SEER 2		18.2	
EER		10.1	
EER 2		10.1	
HSPF		10.6	
HSPF 2 (IV) / HSPF 2 (V)		9/7	
COP	kW/kW		3.46
COP	Btu/hW		11.8
COP2	kW/kW		3.46
COP2	Btu/hW		11.8
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	48000
	Min.—Max.		17,100—50,000
Heating	Rated		53000
	Min.—Max.		18,000—55,000
LINESET REQUIREMENTS			
Connection Method		Flare	
Liquid	in (mm)	Ø3/8 (9.52)	
Gas		Ø5/8 (15.88)	
Pre-charge length	ft (m)	98 (30)	
Minimum Length		16 (5)	
Max. length		246 (75)	
Max. height difference		98 (30)	
INDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	11-5/16 × 33-1/16 × 33-1/16 (288 × 840 × 840)	
Gross (H × W × D)		13-3/8 × 37-13/16 × 37-3/8 (340 × 960 × 950)	
Net Weight	lb (kg)	64 (29)	
Gross Weight		73 (33)	
OUTDOOR DIMENSIONS & WEIGHT			
Net (H × W × D)	in (mm)	50-13/16 × 35-7/16 × 13 (1,290 × 900 × 330)	
Gross (H × W × D)		57-1/2 × 41-5/16 × 17-1/2 (1,460 × 1,050 × 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-LBTUC	IR Receiver Kit with Wireless Remote Controller
UTG-GCGF	Cassette Grille
UTG-LCGVCB	Cassette Grille
UTY-SHZXC	Human Sensor Kit
UTY-XWZXZG	External Connect Kit
UTR-YDZK	Air Outlet Shutter Plate
UTG-AKXA-W	Wide Panel
UTG-BKXA-W	Panel Spacer
UTZ-VXRA	Fresh Air Intake Kit
UTZ-KXRA	Insulation for High Humidity
UTY-XCSX	External Input and Output PCB
UTY-TFSXZ2	WLAN Adapter
UTY-VMSX	Modbus Converter
UTY-TTRXZ1	Thermostat Converter
UTY-VTGX	Network 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: 12/16/2022

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FAN DATA

Indoor Unit Airflow rate	Cooling	HIGH	CFM (m3/h)	1,236 (2,100)
		MED		1,048 (1,780)
		LOW		942 (1,600)
		QUIET		777 (1,320)
	Heating	HIGH		1,236 (2,100)
		MED		1,048 (1,780)
		LOW		942 (1,600)
		QUIET		777 (1,320)
Outdoor Unit Airflow rate	Cooling			4,061 (6,900)
	Heating			4,091 (6,950)

SOUND PRESSURE

Indoor Unit	Cooling	HIGH	dB (A)	47
		MED		43
		LOW		40
		QUIET		36
	Heating	HIGH		47
		MED		43
		LOW		40
		QUIET		36
Outdoor Unit	Cooling			57
	Heating			59

REFRIGERANT

REFRIGERANT			
Type	R410A		
Charge	lb oz	7 lb 10 oz	
	g	3450	
Oil Type	POE (VG74)		

ELECTRICAL SPECIFICATIONS

Voltage/Frequency/Phase		208/230 V~ 60 Hz		
Available Voltage Range		187–253 V		
Current	Cooling	Rated	A	20.9
	Heating	Rated		19.7
Maximum Operating Current	Cooling			22.2
	Heating			20.7
Starting current			MCA	20.9
Maximum Circuit Breaker				28.3
Input Power	Cooling	Rated	kW	30
		Min.–Max.		4.75
	Heating	Rated		0.63–4.91
		Min.–Max.		4.49
Power Factor	Cooling		%	0.55–4.67
	Heating			97

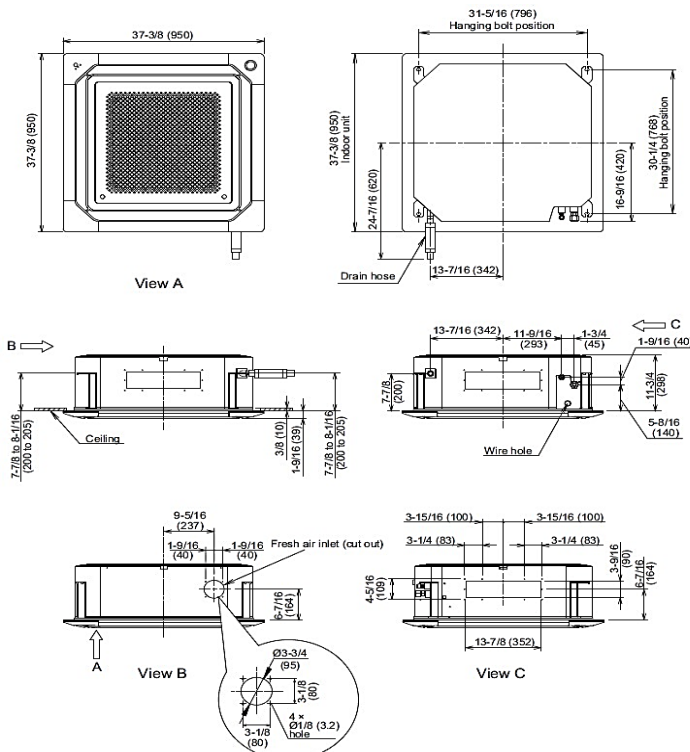
OTHER

Moisture Removal		pints/h (L/h)	10.6 (5.0)
Energy Star			No
Drain hose	Material		PVC
	Tip diameter	in (mm)	Ø1/2 (Ø13.0) (I.D.), Ø5/8 to Ø11/16 (Ø16.0 to Ø16.7) (O.D.)
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)
		%RH	80 or less
	Heating	°F (°C)	60 to 86 (16 to 30)

DIMENSIONS:

Units: In. (mm)

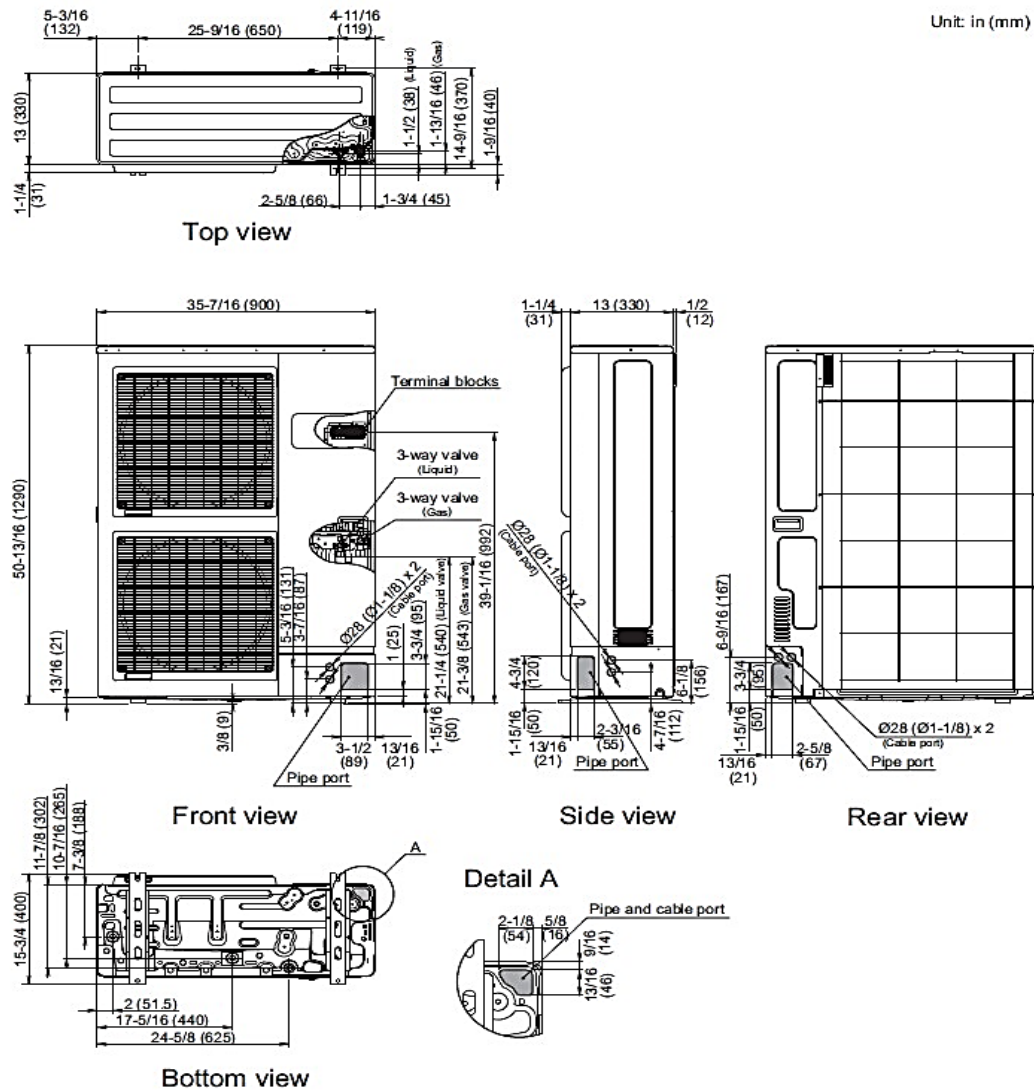
Indoor Unit



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).