

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MTRAQ48FA3



Job Data:
Tag #:

Location:

Carrier #: 37MTRAQ48FA3
Date:



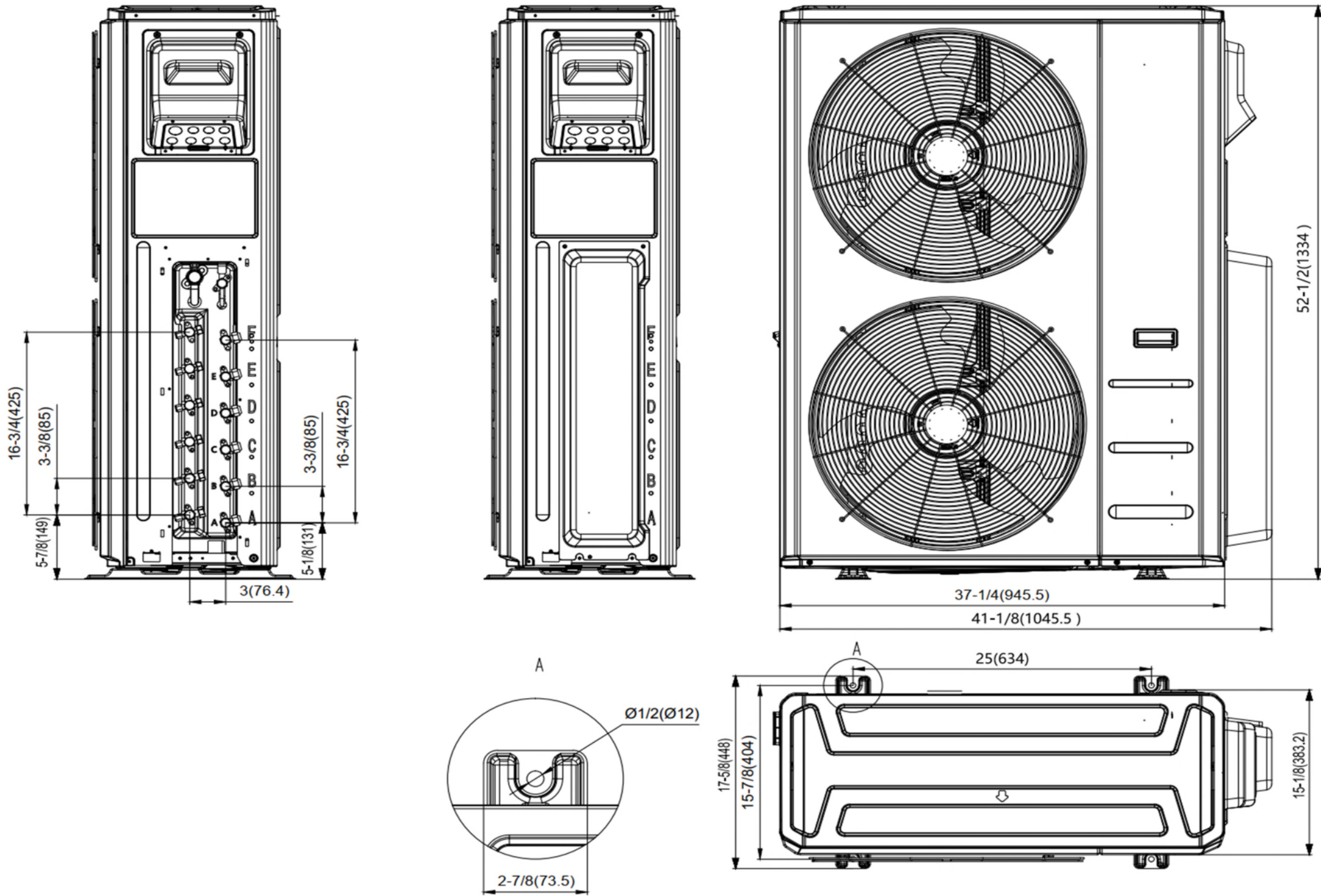
- STANDARD FEATURES**
- Variable Speed (Inverter) Compressor
 - Basepan Heater factory installed
 - Quiet operation
 - Aluminum Hydrophilic pre-coated fins
- RESIDENTIAL APPLICATION LIMITED WARRANTY***
- Five (5) years parts and compressor warranty.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

Outdoor - Heat Pump			37MTRAQ48FA3
Outdoor Model #			
System	Outdoor Size	48000	
	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
Electrical	MCA	A.	40
	MOPA	A.	45
	SCCR	kA	5
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-13~122(-25~50)
	Heating Outdoor DB Min - Max	°F(°C)	-13~75(-25~24)
Piping	Total Piping Length	ft (m)	262.5(80)
	Std Piping Length		24.6 (7.5)
	Piping Lift	ft (m)	49.21(15)
	Pipe Connection Size - Liquid	in (mm)	6x1/4in(5x6.35mm)
	Pipe Connection Size - Suction	in (mm)	4x3/8in+2x1/2in(4x9.52mm+2x12.7mm)
Refrigerant	Refrigerant Type	R454B	
	Charge	lbs (kg)	9.26(4.2)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
Outdoor Coil	Face Area	Sq. Ft.	6.61
	No. Rows		2
	Fins per inch		22
	Circuits		10
Compressor	Type	ROTARY	
	Model	KTQ420D1UMU	
	Oil Type	ESTER OIL	
	Oil Charge	Fl. Oz.	47.35
Airflow & Sound	Rated Current	RLA	7.02
	Airflow	CFM	4500
	Sound Pressure	dB(A)	62
Dimensions	Height	in (mm)	52.48(1333)
	Width	in (mm)	37.48(952)
	Depth	in (mm)	16.34(415)
	Net Weight	lbs (kg)	222(100.7)
	Shipping Height	in (mm)	58.27(1480)
	Shipping Width	in (mm)	43.11(1095)
	Shipping Depth	in (mm)	19.49(495)
	Shipping Net Weight	lbs (kg)	254.19(115.3)

* Condensing unit above or below indoor unit

Performance		
Ductless		
Cooling Rated Capacity (DOE A2 - 95°F)		48000
Cooling Capacity Range		12000~54000
SEER2	Btu/h	18.7
EER2 (DOE A2 - 95°F)	Btu/h	10
Heating Rated Capacity (DOE H12 - 47°F)		48000
Heating Capacity Range		13000~54000
COP (DOE H12 - 47°F)	Btu/h	3.2
HSPF2 IV	Btu/h	9.5
HSPF2 V	Btu/h	7.3
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	52500
EER2 (DOE B2 - 82°F)	Btu/h	12
Heating Rated Capacity (DOE H32 - 17°F)		37000
COP (DOE H32 - 17°F)	W/W	2.3
Heating Maximum Capacity (17°F)		37000
Heating Rated Capacity (ODE H42 - 5°F)		36000
COP (DOE H42 - 5°F)		1.85
Heating Maximum Capacity .5	Btu/h	36000
Cooling Capacity at 109 F (43°C)	Btu/h	45000
Heating Capacity at -4F (-20°C)	Btu/h	28000
Heating Capacity at -13F (-25°C)	Btu/h	16000



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