

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MTRAQ48FA3



Job Data:
Tag #:

Location:

Carrier #: 37MTRAQ48FA3
Date:



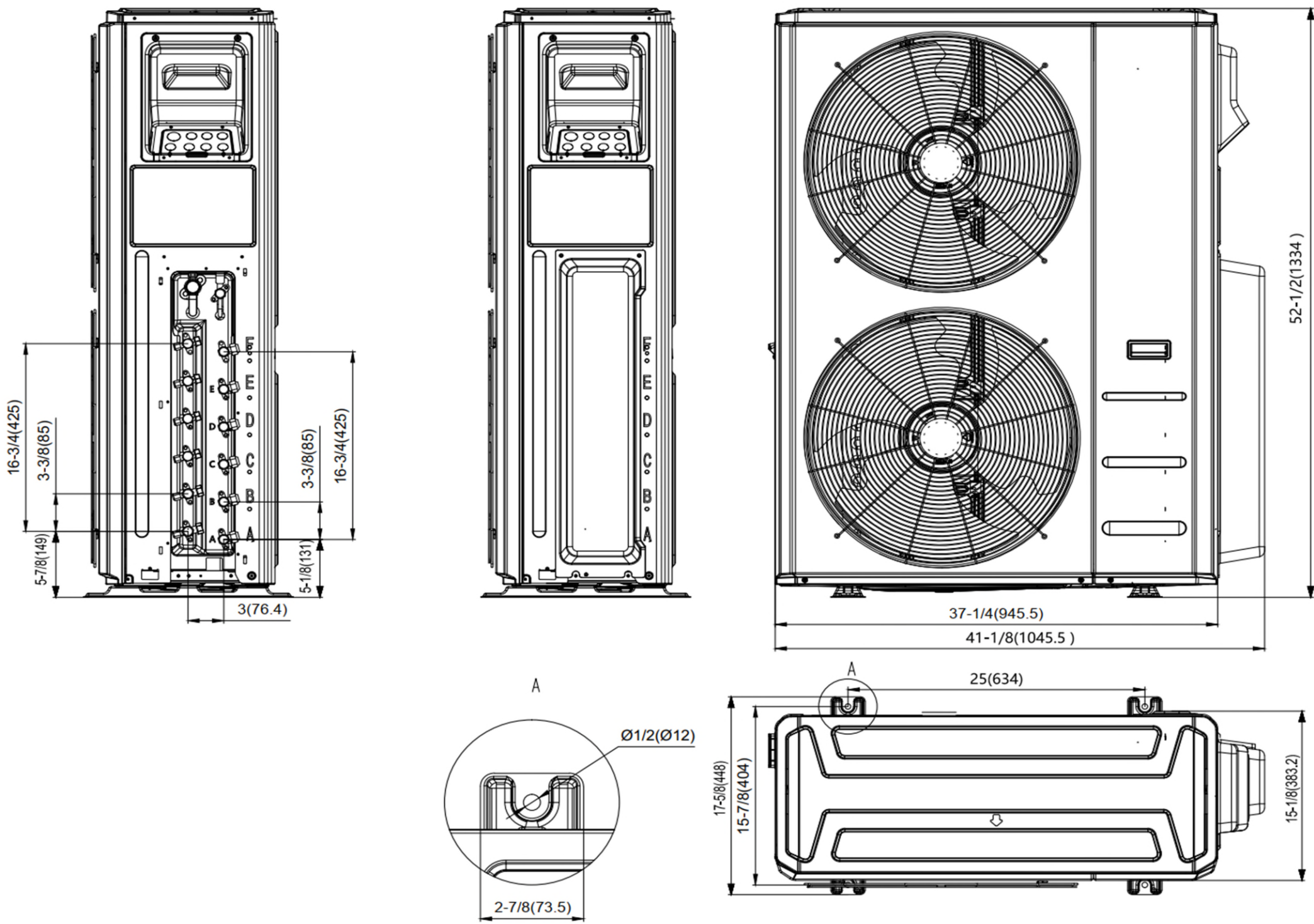
- STANDARD FEATURES**
- Variable Speed (Inverter) Compressor
 - Basepan Heater factory installed
 - Quiet operation
 - Aluminum Hydrophilic pre-coated fins
- RESIDENTIAL APPLICATION LIMITED WARRANTY***
- Five (5) years parts and compressor warranty.

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

Outdoor - Heat Pump			
Outdoor Model #			37MTRAQ48FA3
System	Outdoor Size		48000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	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)
	Face Area	Sq. Ft.	6.61
Outdoor Coil	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)		W/W	37000
Heating Rated Capacity (ODE H42 - 5°F)		W/W	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



R-454B