

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MTRAQ36EA3

Job Data:
Tag #:

Location:

Carrier #: 37MTRAQ36EA3
Date:



STANDARD FEATURES

- Variable Speed (Inverter) Compressor
- Basepan Heater factory installed
- Quiet operation
- Aluminum Hydrophilic pre-coated fins

RESIDENTIAL APPLICATION LIMITED WARRANTY*

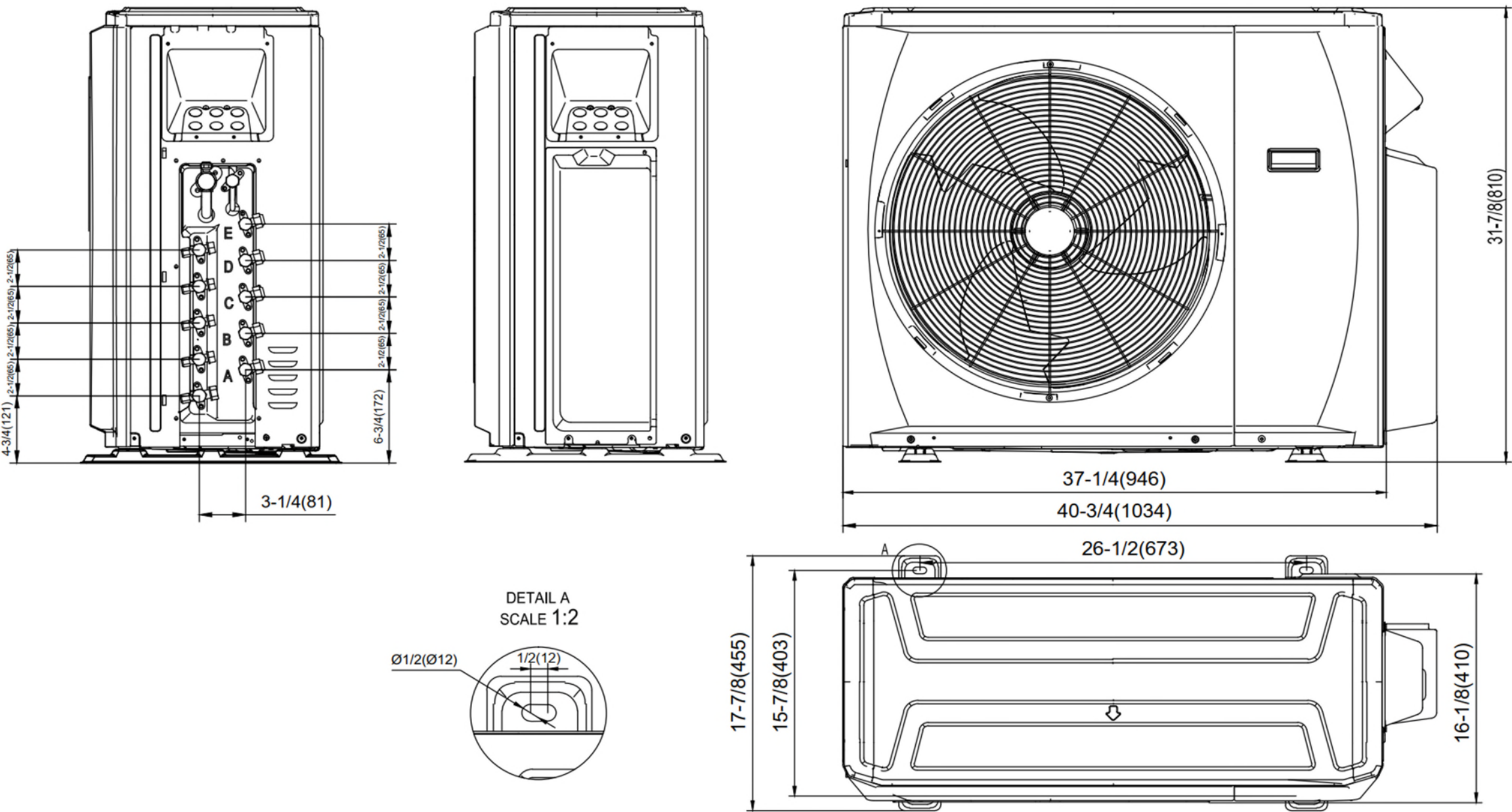
- Five (5) years parts and compressor warranty.

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

Outdoor - Heat Pump			
Outdoor Model #			37MTRAQ36EA3
System	Outdoor Size		36000
	Voltage, Phase, Cycle		V/Ph/Hz 208-230/1/60
Electrical	MCA		A. 30.5
	MOPA		A. 35
	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) 5x1/4in(5x6.35mm)
	Pipe Connection Size - Suction		in (mm) 3x3/8in+2x1/2in(3x9.52mm+2x12.7mm)
Refrigerant	Refrigerant Type		R454B
	Charge		lbs (kg) 7.54(3.42)
	Add'l Refrigerant (between Std & Max Piping Lengths)		Oz/ft (g/m) 0.16(15)
Outdoor Coil	Face Area		Sq. Ft. 8.16
	No. Rows		2.5
	Fins per inch		20
	Circuits		12
Compressor	Type		ROTARY
	Model		KTF310D43UMT
	Oil Type		ESTER OIL
	Oil Charge		Fl. Oz. 33.82
	Rated Current		RLA 5.38
Airflow & Sound	Airflow		CFM 2147.06
	Sound Pressure		dB(A) 62.5
Dimensions	Height		in (mm) 31.89(810)
	Width		in (mm) 37.24(946)
	Depth		in (mm) 16.14(410)
	Net Weight		lbs (kg) 168.87(76.6)
	Shipping Height		in (mm) 34.84(885)
	Shipping Width		in (mm) 42.91(1090)
	Shipping Depth		in (mm) 19.68(500)
	Shipping Net Weight		lbs (kg) 180.12(81.7)

* Condensing unit above or below indoor unit

Performance		
Ductless		
Cooling Rated Capacity (DOE A2 - 95°F)		36000
Cooling Capacity Range		9000~36200
SEER2	Btu/h	18.8
EER2 (DOE A2 - 95°F)	Btu/h	9.5
Heating Rated Capacity (DOE H12 - 47°F)		36000
Heating Capacity Range		10000~40000
COP (DOE H12 - 47°F)	Btu/h	2.7
HSPF2 IV	Btu/h	8.5
HSPF2 V	Btu/h	6.6
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	38000
EER2 (DOE B2 - 82°F)	Btu/h	11.5
Heating Rated Capacity (DOE H32 - 17°F)		25600
COP (DOE H32 - 17°F)	W/W	2.2
Heating Maximum Capacity (17°F)		26000
Heating Rated Capacity (ODE H42 - 5°F)		25200
COP (DOE H42 - 5°F)		1.9
Heating Maximum Capacity_5	Btu/h	25200
Cooling Capacity at 109 F (43°C)	Btu/h	23000
Heating Capacity at -4F (-20°C)	Btu/h	17700
Heating Capacity at -13F (-25°C)	Btu/h	14500



R-454B