

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MTRAQ27DA3

Job Data:

Tag #:

Location:

Carrier #: 37MTRAQ27DA3

Date:



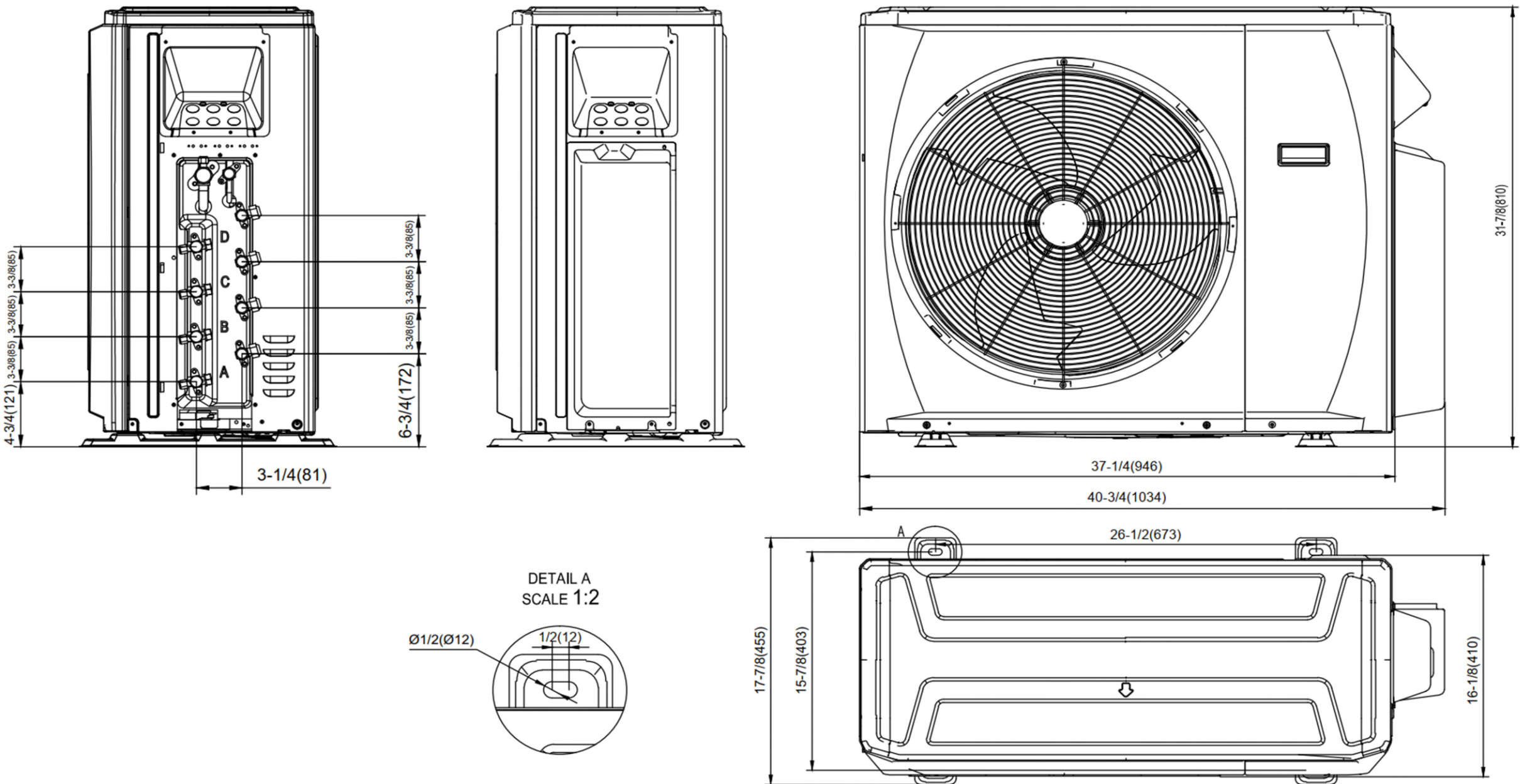
- STANDARD FEATURES**
- Variable Speed (Inverter) Compressor
 - Basepan Heater factory installed
 - Quiet operation
 - Aluminum Hydrophilic pre-coated fins
- RESIDENTIAL APPLICATION LIMITED WARRANTY***
- Five (5) years parts and compressor warranty.

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

Outdoor - Heat Pump			
Outdoor Model #			37MTRAQ27DA3
System	Outdoor Size	27000	
	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
Electrical	MCA	A.	23
	MOPA	A.	25
	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)	4x1/4in(4x6.35mm)
	Pipe Connection Size - Suction	in (mm)	3x3/8in+1x1/2in(3x9.52mm+1x12.7mm)
Refrigerant	Refrigerant Type	R454B	
	Charge	lbs (kg)	5.29(2.4)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
Outdoor Coil	Face Area	Sq. Ft.	8.18
	No. Rows		2
	Fins per inch		19
	Circuits		6
Compressor	Type	ROTARY	
	Model	KTM240D46UKT2	
	Oil Type	ESTER OIL	
Airflow & Sound	Oil Charge	Fl. Oz.	20.97
	Rated Current	RLA	4.15/9.30
	Airflow	CFM	2129.41
Dimensions	Sound Pressure	dB(A)	62
	Height	in (mm)	31.89(810)
	Width	in (mm)	37.24(946)
	Depth	in (mm)	16.14(410)
	Net Weight	lbs (kg)	138.89(63)
	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)	149.69(67.9)

* Condensing unit above or below indoor unit

Performance			
Ductless			
Cooling Rated Capacity (DOE A2 - 95°F)		26400	
Cooling Capacity Range		7200~28600	
SEER2	Btu/h	18.5	
EER2 (DOE A2 - 95°F)	Btu/h	10.5	
Heating Rated Capacity (DOE H12 - 47°F)		26400	
Heating Capacity Range		8400~30000	
COP (DOE H12 - 47°F)	Btu/h	3.3	
HSPF2 IV	Btu/h	8.5	
HSPF2 V	Btu/h	7	
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	29400	
EER2 (DOE B2 - 82°F)	Btu/h	12.5	
Heating Rated Capacity (DOE H32 - 17°F)		16000	
COP (DOE H32 - 17°F)	W/W	2.4	
Heating Maximum Capacity (17°F)		16000	
Heating Rated Capacity (ODE H42 - 5°F)		18600	
COP (DOE H42 - 5°F)		2	
Heating Maximum Capacity_5	Btu/h	18600	
Cooling Capacity at 109 F (43°C)	Btu/h	21000	
Heating Capacity at -4F (-20°C)	Btu/h	10500	
Heating Capacity at -13F (-25°C)	Btu/h	7800	



R-454B