



Submittal Data Sheet

Outdoor Unit Model#: EZ-27Z-M3B

27K Multi-Zone (4-Zone) Heat Pump Condenser with DIYCOOL Technology

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



EFFICIENCY RATINGS			
Cooling		Heating	
SEER2	23.0	HSPF2-4	9.5
EER2	12.0	COP	3.4

COOLING PERFORMANCE	
Cooling (Btu/hr)	
Rated Capacity	26000
Min/Max Capacity	7200 ~ 32000
Moisture Removal (L/h)	2.0
Standard Operating Range °F (°C)	-13 ~ 122 (-25 ~ 50)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB
	Outdoor: 95°F DB/75°F WB

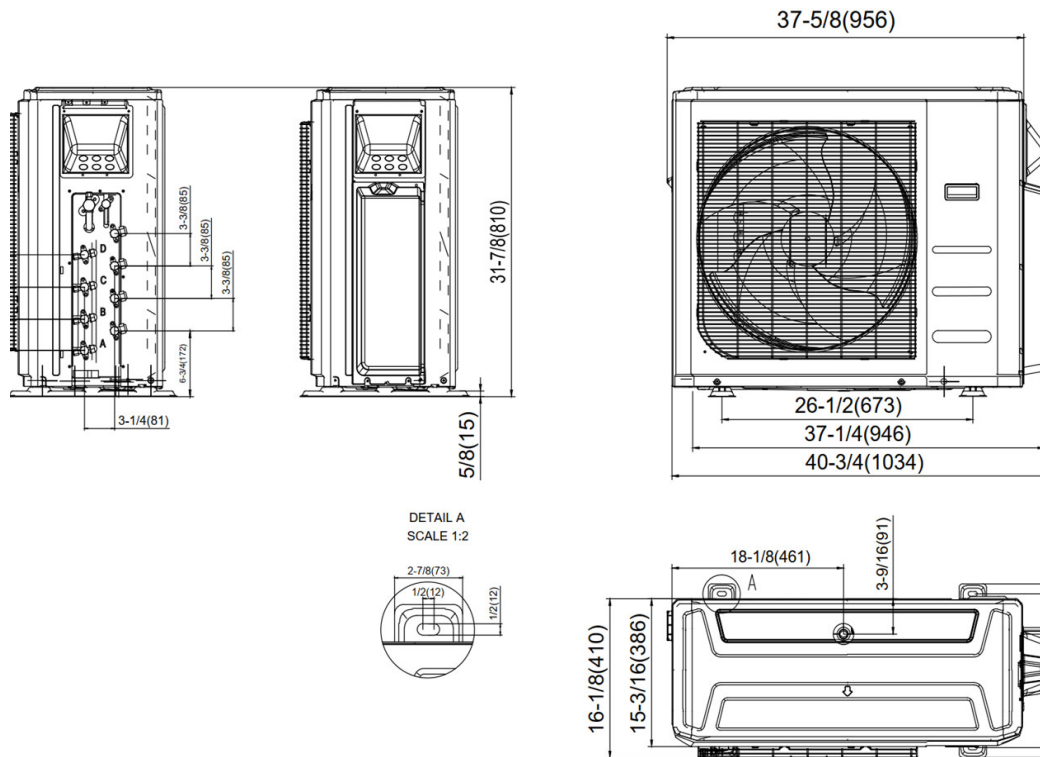
HEATING PERFORMANCE	
Heating (Btu/hr)	
1. @ 47°F Rated Capacity	26000
1. @ 47°F Min/Max Capacity	8400 ~ 29000
2. @ 17°F Rated: Capacity / COP (H32)	16200 / 2.4
3. @ 5°F Rated: Capacity / COP (H42)	18200 / 2.0
3. @ 5°F Max: Capacity	18200
Standard Operating Range °F (°C)	-13 ~ 75 (-25 ~ 24)
1. Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Heating Conditions, Compressor Operating at Max. Frequency	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

OUTDOOR UNIT SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KTM240D46UKT2
Refrigerant		R454B
Refrigerant Oil Charge (mL)		620
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		2130.7
Outdoor Noise Level (dBA)		61.0
Dimension (WxDxH)	inch	37.24 x 16.14 x 31.89
	mm	946 x 410 x 810
Package (WxDxH)	inch	42.91 x 19.69 x 34.84
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	140.21 / 151.02
	kg	63.6 / 68.5

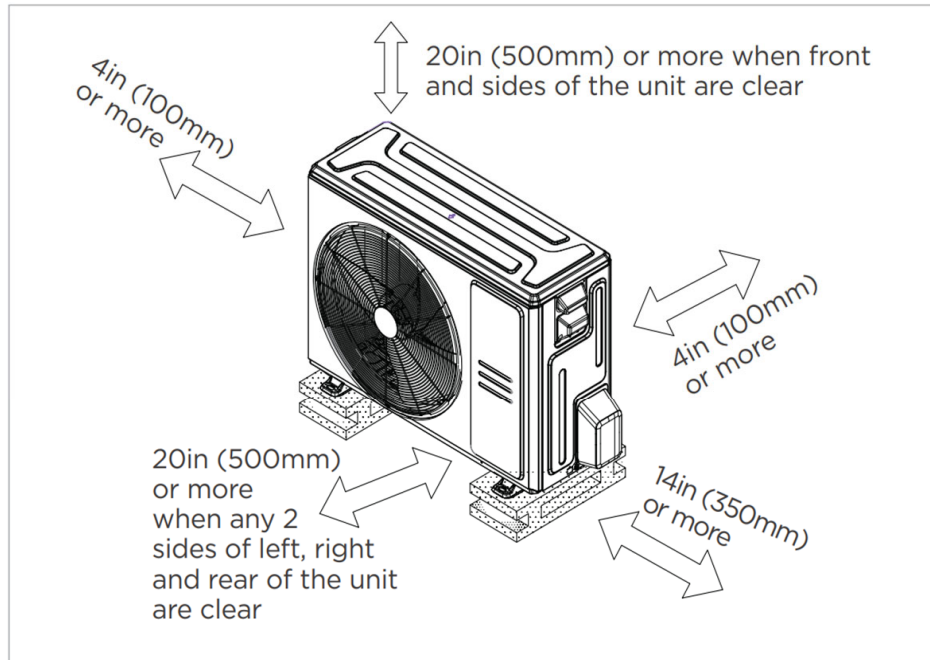
ELECTRICAL SPECIFICATIONS	
Power Supply	208/230V, 60Hz, 1Ph
System MCA	23.0
Connection Wiring	14#x4
System MOCP	25
Compressor RLA	12.1
Outdoor Fan Motor RLA	1.2
Outdoor Fan Motor W	150
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2167 (500 ~ 2780)
System Power Input @ Heating (W)	2241 (500 ~ 2440)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

REFRIGERANT PIPING SPECIFICATIONS	
Liquid Size	4x6.35mm (4x1/4in)
Gas Size	4x9.52mm (4x3/8in)
Max. Piping Length for all rooms (ft/m)	221.40 / 67.5
Max. Piping Length for one IDU (ft/m)	73.80 / 22.5
Max. Height Difference of IDU and ODU (ft/m)	32.8 / 10
Refrigerant Charge Amount (oz/kg)	84.66 / 2.4
Additional Refrigerant Charge Amount (oz/ft) / (g/m)	0.16 / 15
Outdoor Throttle Type	EXV
Connection Method	Connector

Outdoor Unit Dimensions



Installation Instructions



✓ Meets all spatial requirements shown in Installation Clearance Requirements above.