



Submittal Data Sheet

Outdoor Unit Model#: EZ-36Z-M4B

36K Multi-Zone (5-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	9.9
EER2	12.0	COP	3.15

COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	34000
Min/Max Capacity	9000 ~ 40000
Moisture Removal (L/h)	0.4
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	36000
1. @ 47°F Min/Max Capacity	10000 ~ 40000
2. @ 17°F Rated: Capacity / COP (H32)	24000 / 2.4
3. @ 5°F Rated: Capacity / COP (H42)	25200 / 2.0
3. @ 5°F Max: Capacity	25000
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	KTF310D43UMT	
Refrigerant	R454B	
Refrigerant Oil Charge (mL)	1000	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2148.4	
Outdoor Noise Level (dBA)	64.0	
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	169.75 / 181.88
	kg	77.0 / 82.5

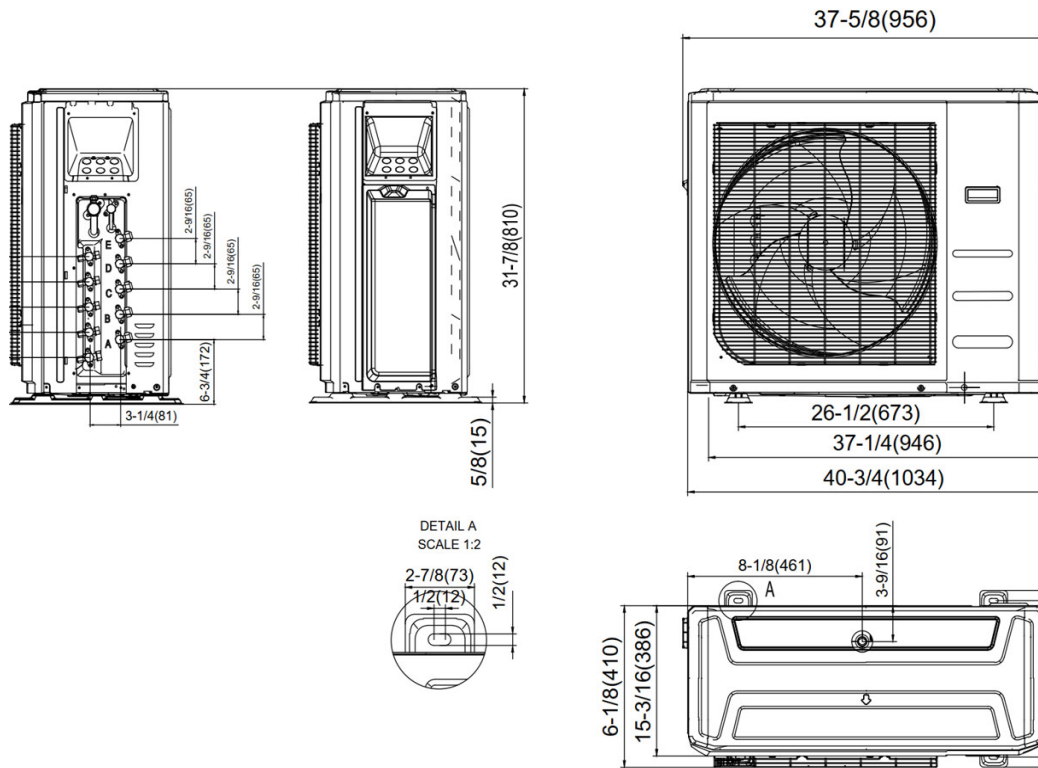
ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
System MCA	30.5
Connection Wiring	14#x4
System MOCP	35
Compressor RLA	17.0
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	150
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2833 (600 ~ 4100)
System Power Input @ Heating (W)	3350 (600 ~ 3950)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

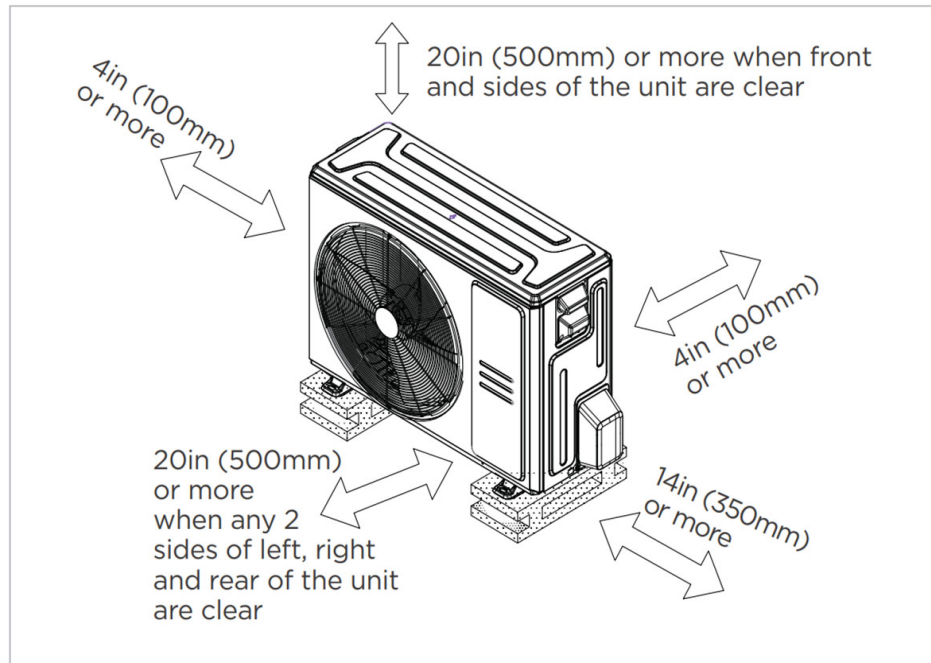
REFRIGERANT PIPING SPECIFICATIONS

Liquid Size	5x6.35mm (5x1/4in)
Gas Size	4x9.52mm + 1x12.7mm (4x3/8in + 1x1/2in)
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)	104.75 / 2.97
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.