



# Submittal Data Sheet

Outdoor Unit Model#: EZ-18Z-M2B

## 18K Multi-Zone (3-Zone) Heat Pump Condenser with DIYCOOL Technology

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



### EFFICIENCY RATINGS

Cooling		Heating	
SEER2	23.9	HSPF2-4	10.0
EER2	13.0	COP	3.8

### COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	5400 ~ 23400
Moisture Removal (L/h)	1.1
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	18000
1. @ 47°F Min/Max Capacity	5700 ~ 21000
2. @ 17°F Rated: Capacity / COP (H32)	13400 / 2.7
3. @ 5°F Rated: Capacity / COP (H42)	13300 / 2.3
3. @ 5°F Max: Capacity	13300
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	Twin-ROTARY	
Compressor Model	KTN150D30UFZA	
Refrigerant	R454B	
Refrigerant Oil Charge (mL)	450	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	1765.8	
Outdoor Noise Level (dBA)	60.0	
Dimension (W×D×H)	inch	35.04 x 13.46 x 26.50
	mm	890 x 342 x 673
Package (W×D×H)	inch	40.55 x 17.24 x 29.53
	mm	1030 x 438 x 750
Net/Gross Weight	lbs	101.63 / 109.57
	kg	46.1 / 49.7

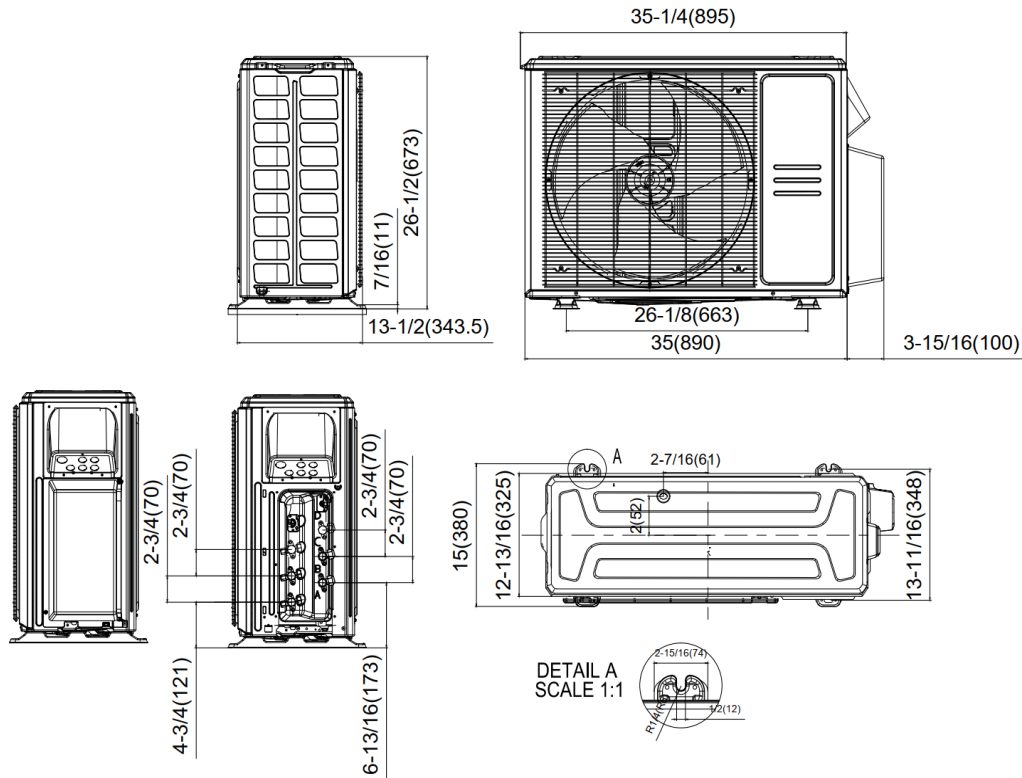
### ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
System MCA	16
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	8.2
Outdoor Fan Motor RLA	1.0
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	1385 (400 ~ 1860)
System Power Input @ Heating (W)	1390 (350 ~ 1800)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

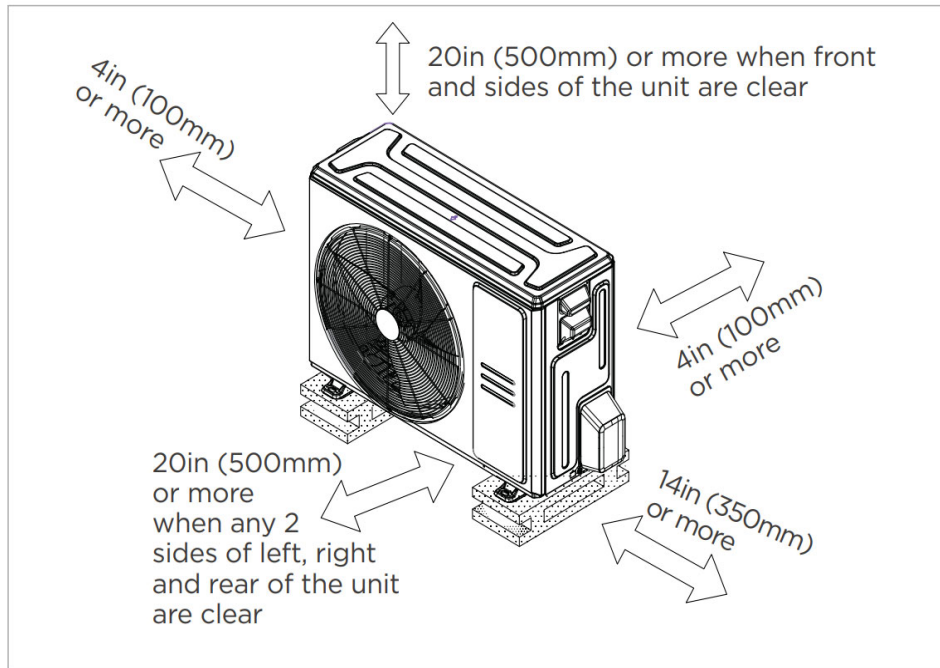
### REFRIGERANT PIPING SPECIFICATIONS

Liquid Size	3x6.35mm (3x1/4in)
Gas Size	3x9.52mm (3x3/8in)
Max. Piping Length for all rooms (ft/m)	172.20 / 52.5
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)	61.73 / 1.75
Additional Refrigerant Charge Amount (oz/ft) / (g/m)	0.16 / 15
Outdoor Throttle Type	EXV+Capillary
Connection Method	Connector

# Outdoor Unit Dimensions



# Installation Instructions



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