



Submittal Data Sheet

Indoor Unit Model#: EZ-18W-MB
Outdoor Unit Model#: EZ-18ZPL-HP230B

18K DIYCOOL R454B Platinum/Ext. Heat Single-Zone Mini-Split System

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



INDOOR UNIT SPECIFICATIONS

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	671.0 / 470.9 / 382.6 / 323.7 / NA	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	54.5 / 44.5 / 40.5 / 30.5 / 19.0	
Dimension (WxDxH)	inch	42.52 x 8.90 x 13.19
	mm	1080 x 226 x 335
Package (WxDxH)	inch	46.73 x 17.68 x 14.26
	mm	1187 x 449 x 363
Net/Gross Weight	lbs	35.49 / 49.60
	kg	16.1 / 22.5

OUTDOOR UNIT SPECIFICATIONS

Compressor Type	ROTARY	
Compressor Model	KSN140D58UFZ	
Refrigerant	R454B	
Refrigerant Oil Charge (mL)	440	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	3000	
Outdoor Noise Level (dBA)	58.5	
Dimension (WxDxH)	inch	35.04 x 13.46 x 26.50
	mm	890 x 342 x 673
Package (WxDxH)	inch	40.55 x 18.11 x 29.53
	mm	1030 x 460 x 750
Net/Gross Weight	lbs	93.48 / 114.20
	kg	42.4 / 51.8

EFFICIENCY RATINGS

Cooling		Heating	
SEER2	22.5	HSPF2-4	11.5
EER2	13.7	COP	4.02

COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	7700 ~ 20600
Moisture Removal (L/h)	1.49
Standard Operating Range (°F/°C)	-13 ~ 75 (-25 ~ 50)
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	8100 ~ 22600
2. @ 17°F Rated Capacity	13400
3. @ 5°F Rated: Capacity / COP	12800 / 2.44
3. @ 5°F Max: Capacity	12800
Standard Operating Range (°F/°C)	-13 ~ 122 (-25 ~ 24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

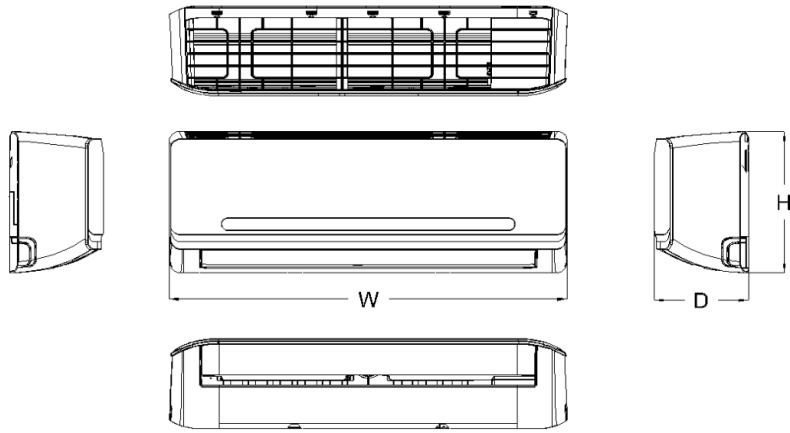
ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
System MCA	18
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	10.0
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	0.6
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	1300 (550 ~ 1690)
System Power Input @ Heating (W)	1280 (405 ~ 1670)
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

Throttle type (Indoor)	N/A
Throttle type (Outdoor)	EXV+Throttle valve
Liquid Size	6.35mm (1/4in)
Gas Size	12.7mm (1/2in)
Max. Piping Length (ft/m)	98.40 (30)
Max. Height Difference (ft/m)	65.60 (20)
Max. Pre-charged Length (ft/m)	24.6 (7.5)
Refrigerant Pre-charged Amount (oz/g)	44.80 (1.27)
Additional Charge of Refrigerant (oz/ft)/(g/m)	0.16 (15)
Connection Method	Connector

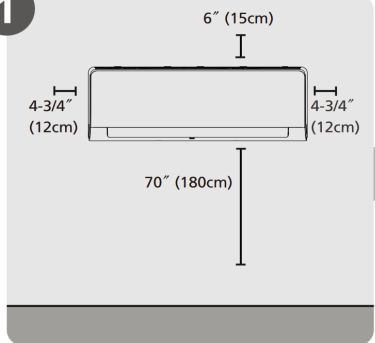
Indoor Unit Dimensions



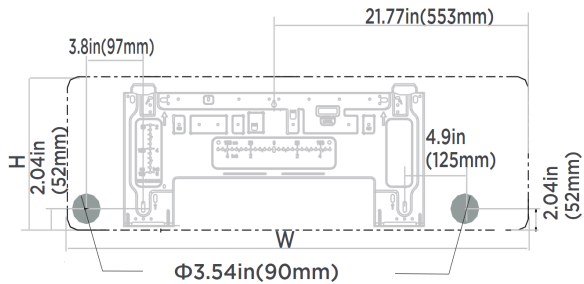
Capacity	Body Code	W (inch/mm)	D (inch/mm)	H (inch/mm)
12K (115V)	B	31-1/2in / 802mm	7-1/2in / 189mm	11-3/4in / 297mm
18K	E	42-1/2in / 1080mm	8-7/8in / 226mm	13-1/4in / 335mm
24K	E	42-1/2in / 1080mm	8-7/8in / 226mm	13-1/4in / 335mm
36K	F	49-1/2in / 1259mm	11-1/8in / 282mm	14-1/4in / 362mm

Indoor Unit Installation Instructions

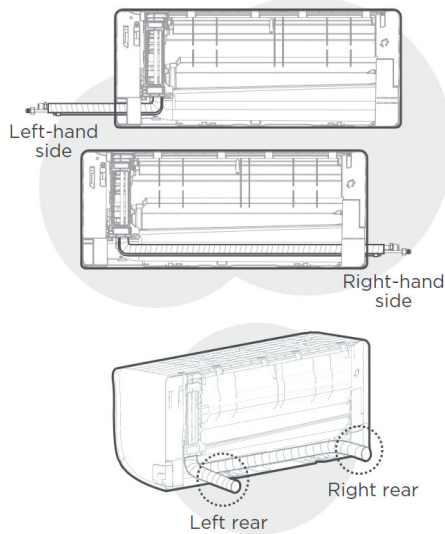
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Select Installation Location



Indoor unit dimensions(WxH):
42.52in(1080mm)x13.19(335mm)



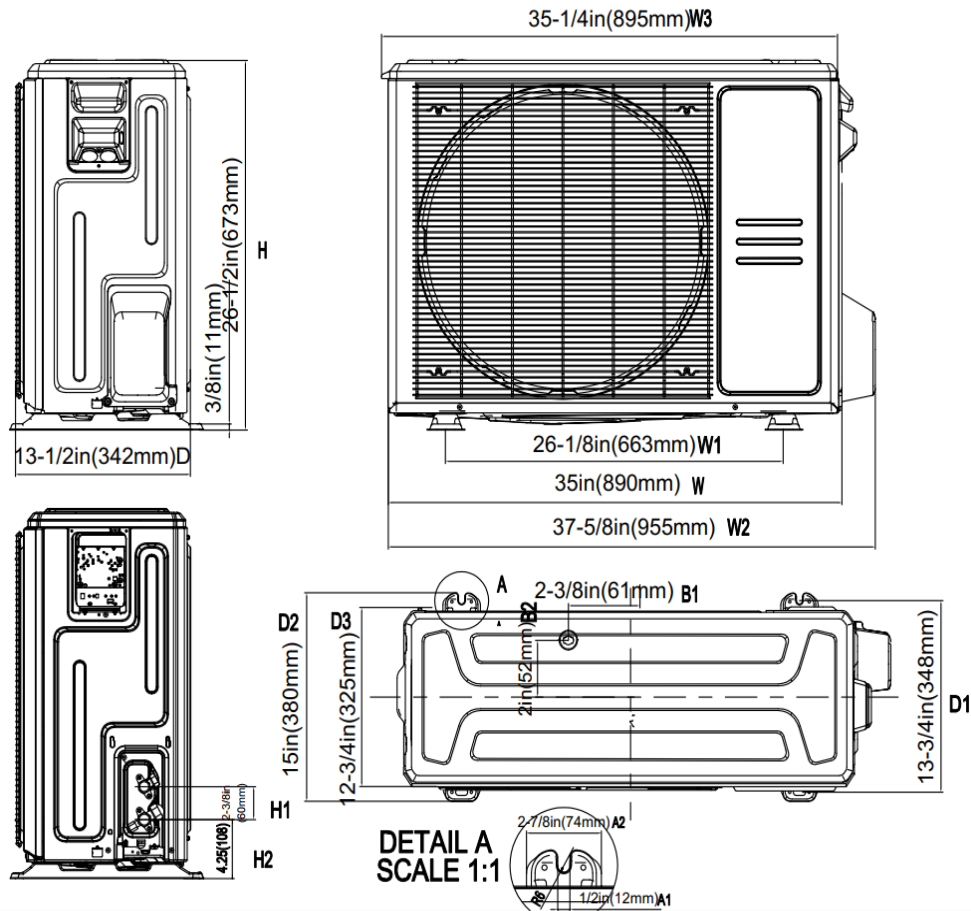
NOTE:

Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.

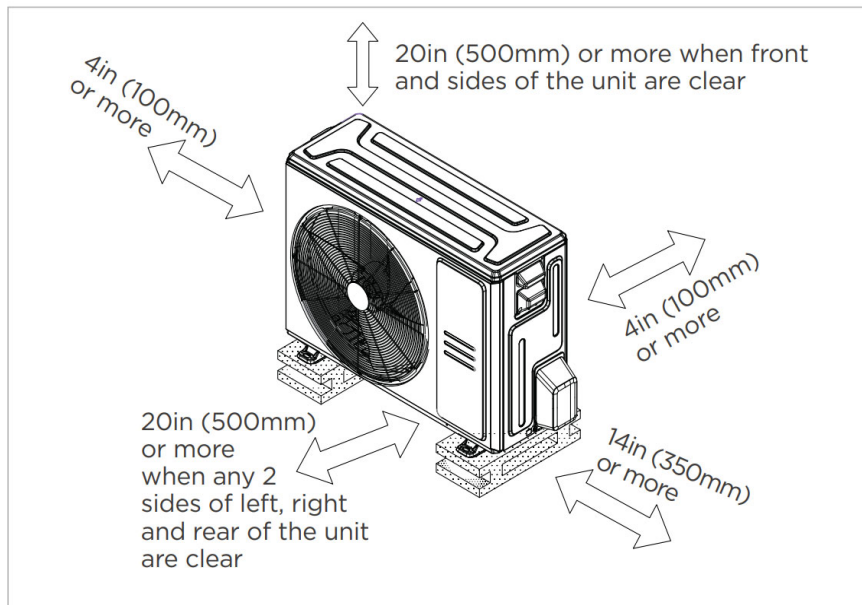
NOTE:

When the gas side connective pipe is Φ (5/8in) 16mm or more, the wall hole should be (3-1/2in) 90mm.

Outdoor Unit Dimensions



Outdoor Unit Installation Instructions



Meets all spatial requirements shown in Installation Clearance Requirements above.

Features

- Indoor unit TU1 copper coil
- Humidity control
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- Multiple control options available:
 - Two way communication wired controller:120N(X6)
 - Two way communication wired controller with built-in WiFi:120N(X6W)
 - Infrared wired controller: 120L
 - Wireless remote controller
 - Third-Party 24V Thermostat*

*24V interface is required.