



Submittal Data Sheet

Indoor Unit Model#: EZ-36W-MB
Outdoor Unit Model#: EZ-36ZPL-HP230B

36K 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)		847.6 / 588.6 / 518.0 / 400.2 / NA
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		55.5 / 49.5 / 43.5 / 38.0 / 27.5
Dimension (W×D×H)	inch	49.57 x 11.10 x 14.25
	mm	1259 x 282 x 362
Package (W×D×H)	inch	53.94 x 18.74 x 16.57
	mm	1370 x 476 x 421
Net/Gross Weight	lbs	48.72 / 67.90
	kg	22.1 / 30.8

OUTDOOR UNIT SPECIFICATIONS

Compressor Type		ROTARY
Compressor Model		KTF250D22UMT
Refrigerant		R454B
Refrigerant Oil Charge(mL)		670
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		3800
Outdoor Noise Level (dBA)		60.5
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
	mm	946 x 410 x 810
Package (W×D×H)	inch	42.91 x 19.88 x 37.01
	mm	1090 x 505 x 940
Net/Gross Weight	lbs	152.12 / 183.42
	kg	69 / 83.2

EFFICIENCY RATINGS

Cooling		Heating	
SEER2	18.0	HSPF2-4	8.5
EER2	8.5	COP	2.75

COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	36000
Min/Max Capacity	6300 ~ 36000
Moisture Removal (L/h)	5.44
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	36000
1. @ 47°F Min/Max Capacity	12100 ~ 36800
2. @ 17°F Rated Capacity	23400
3. @ 5°F Rated: Capacity / COP	22000 / 1.97
3. @ 5°F Max: Capacity	22000
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

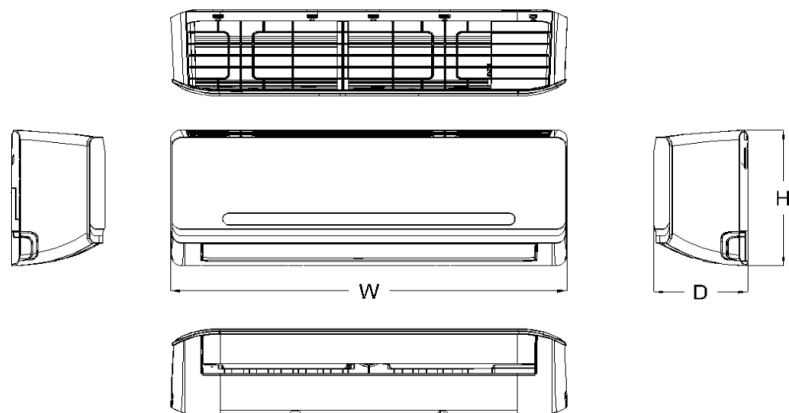
ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
System MCA	33
Connection Wiring	14#x4
System MOC	35
Compressor RLA	21.5
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	0.7
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	4235 (770 ~ 4200)
System Power Input @ Heating (W)	3837 (735 ~ 4090)
MCA: Min. circuit amps (A)	MOC: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

REFRIGERANT PIPING SPECIFICATIONS

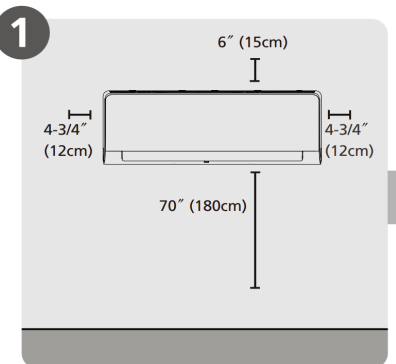
Throttle type (Indoor)	N/A
Throttle type (Outdoor)	EXV+Throttle valve
Liquid Size	9.52mm (3/8in)
Gas Size	15.9mm (5/8in)
Max. Piping Length (ft/m)	213.20 (65)
Max. Height Difference (ft/m)	98.40 (30)
Max. Pre-charged Length (ft/m)	24.6 (7.5)
Refrigerant Pre-charged Amount (oz/g)	109.70 (3.11)
Additional Charge of Refrigerant ((oz/ft)/(g/m))	0.32 (30)
Connection Method	Connector

Indoor Unit Dimensions

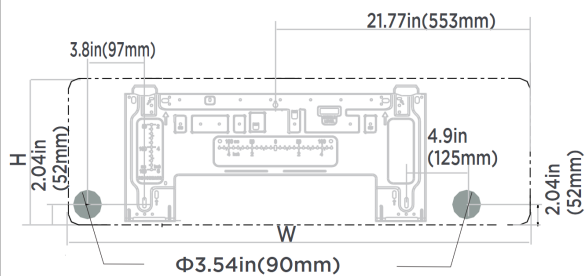


Capacity	Body Code	W (inch/mm)	D (inch/mm)	H (inch/mm)
12K (115V)	B	31-1/2in / 802mm	7-1/2in / 189mm	11-3/4in / 297mm
18K	E	42-1/2in / 1080mm	8-7/8in / 226mm	13-1/4in / 335mm
24K	E	42-1/2in / 1080mm	8-7/8in / 226mm	13-1/4in / 335mm
36K	F	49-1/2in / 1259mm	11-1/8in / 282mm	14-1/4in / 362mm

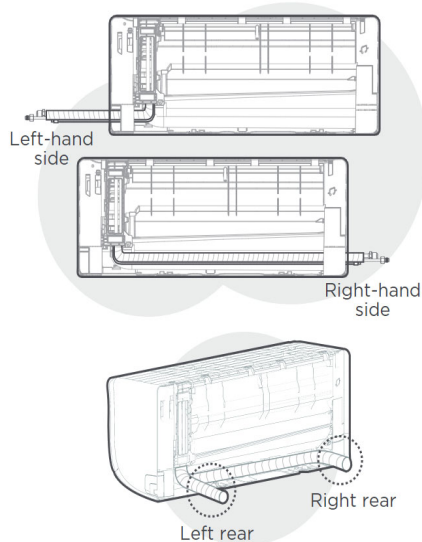
Indoor Unit Installation Instructions



Select Installation Location



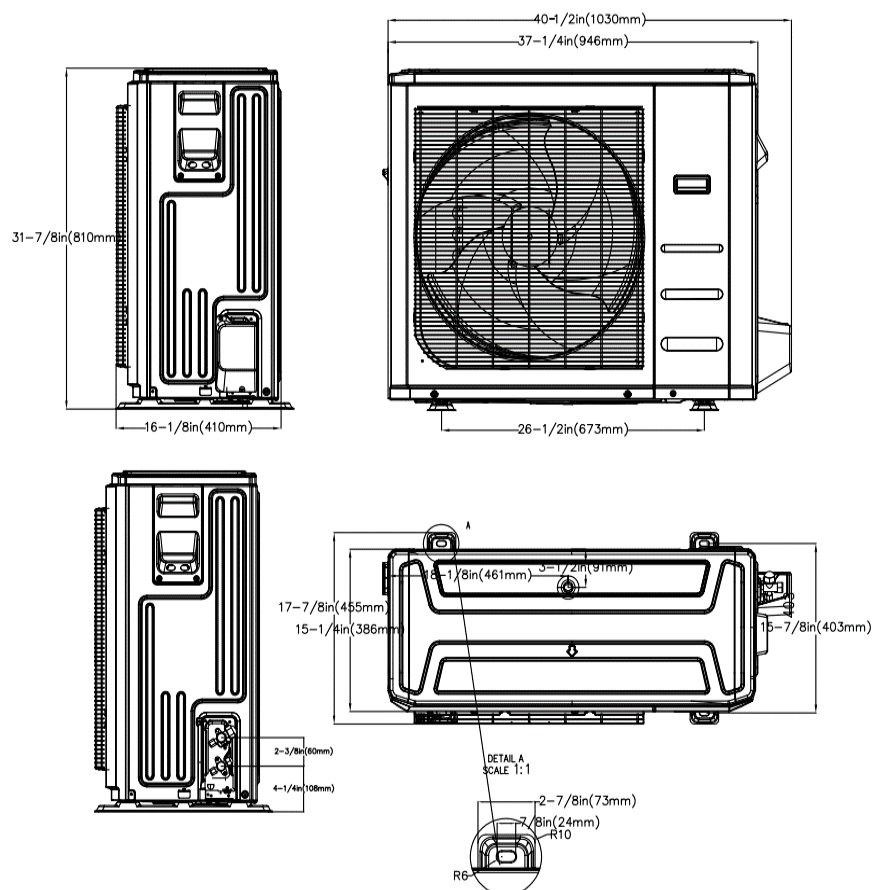
Indoor unit dimensions(WxH):
42.52in(1080mm)x13.19(335mm)



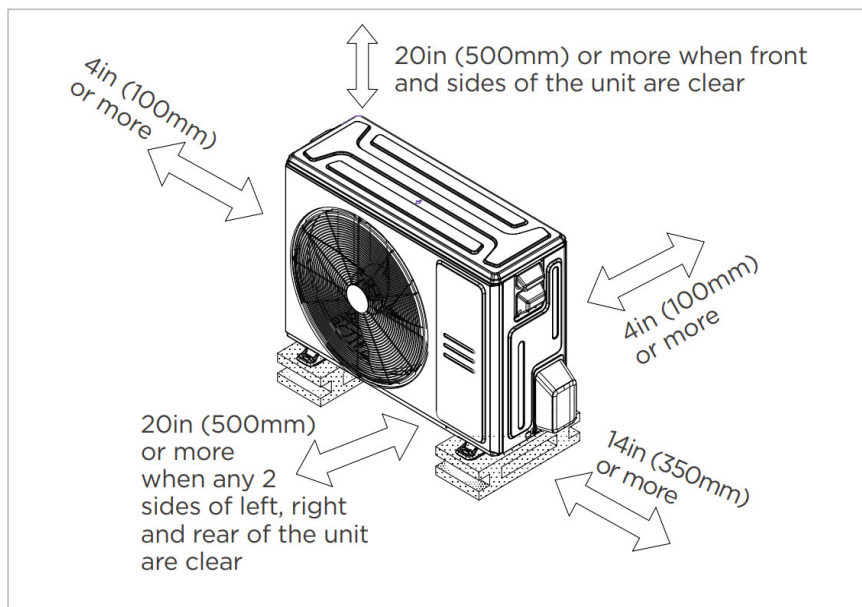
NOTE:
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.

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.