



Submittal Data Sheet

Indoor Unit Model#: EZ-12WPL-HP115B

Outdoor Unit Model#: EZ-12ZPL-HP115B

12K (115V) 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)		367.9 / 317.8 / 214.8 / 129.5 / 67.7
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		43.0 / 39.5 / 33.5 / 24.0 / 18.0
Dimension (WxDxH)	inch	31.57 x 7.44 x 11.69
	mm	802 x 189 x 297
Package (WxDxH)	inch	36.02 x 16.34 x 14.37
	mm	915 x 415 x 365
Net/Gross Weight	lbs	24.91 / 35.49
	kg	11.3 / 16.1

OUTDOOR UNIT SPECIFICATIONS

Compressor Type		ROTARY
Compressor Model		KSK103D33UEZ3
Refrigerant		R454B
Refrigerant Oil Charge (mL)		310
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		2100
Outdoor Noise Level (dBA)		54
Dimension (WxDxH)	inch	30.12 x 11.93 x 21.85
	mm	765 x 303 x 555
Package (WxDxH)	inch	36.22 x 16.54 x 27.56
	mm	920 x 420 x 700
Net/Gross Weight	lbs	83.11 / 65.48
	kg	37.7 / 29.7

EFFICIENCY RATINGS

Cooling		Heating	
SEER2	23.5	HSPF2-4	10.2
EER2	12.5	COP	3.52

COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	3200 ~ 11500
Moisture Removal (L/h)	1.37
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	12000
1. @ 47°F Min/Max Capacity	4000 ~ 12900
2. @ 17°F Rated Capacity	8500
3. @ 5°F Rated: Capacity / COP	8400 / 2.08
3. @ 5°F Max: Capacity	8400
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

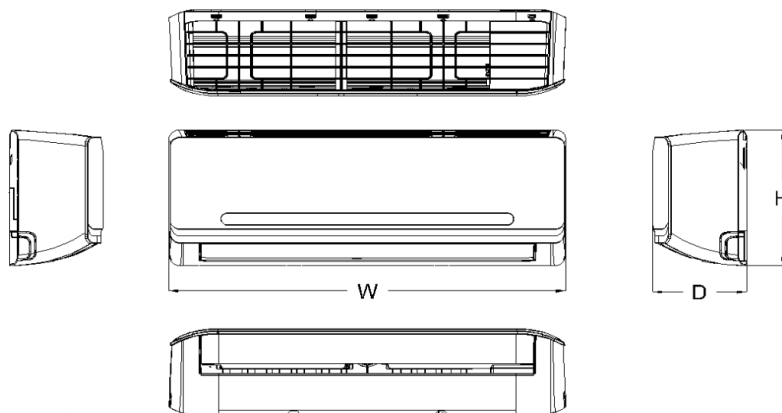
ELECTRICAL SPECIFICATIONS

Power Supply	115V, 60Hz, 1Ph
System MCA	18.0
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	14.0
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.6
Indoor Fan Motor W	35
System Power Input @ Cooling (W)	960 (200 ~ 970)
System Power Input @ Heating (W)	1000 (220 ~ 1090)
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
Liquid Size	6.35mm (1/4in)
Gas Size	9.52mm (3/8in)
Max. Piping Length (ft/m)	82 (25)
Max. Height Difference (ft/m)	49.20 (15)
Max. Pre-charged Length (ft/m)	24.6 (7.5)
Refrigerant Pre-charged Amount (oz/g)	30.34 (0.86)
Additional Charge of Refrigerant ((oz/ft)/(g/m))	0.16 (15)
Connection Method	Connector

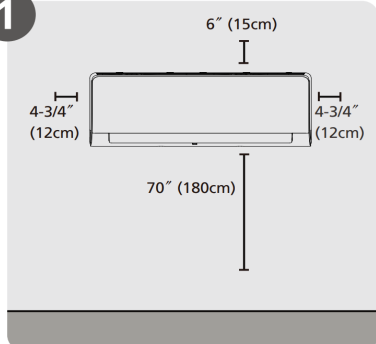
Indoor Unit Dimensions



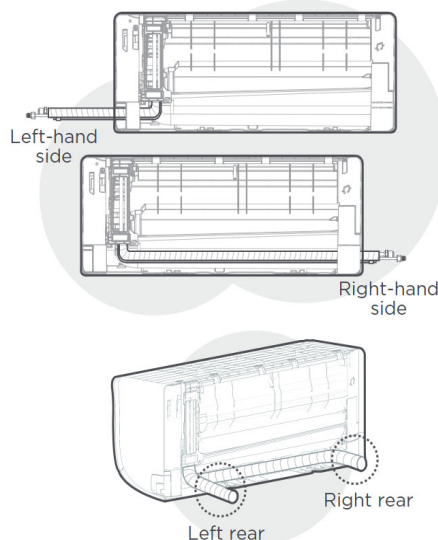
Capacity	Body Code	W (inch/mm)	D (inch/mm)	H (inch/mm)
12K (115V)	B	31-1/2in / 802mm	7-1/2in / 189mm	11-3/4in / 297mm
18K	E	42-1/2in / 1080mm	8-7/8in / 226mm	13-1/4in / 335mm
24K	E	42-1/2in / 1080mm	8-7/8in / 226mm	13-1/4in / 335mm
36K	F	49-1/2in / 1259mm	11-1/8in / 282mm	14-1/4in / 362mm

Indoor Unit Installation Instructions

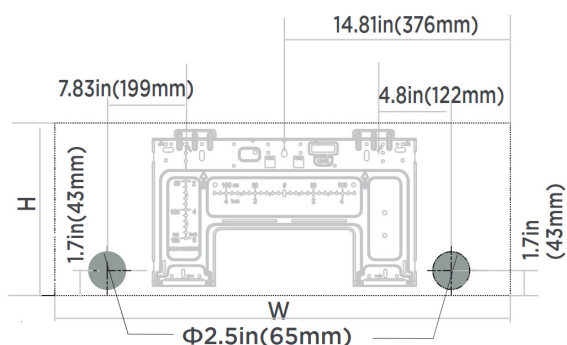
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Select Installation Location



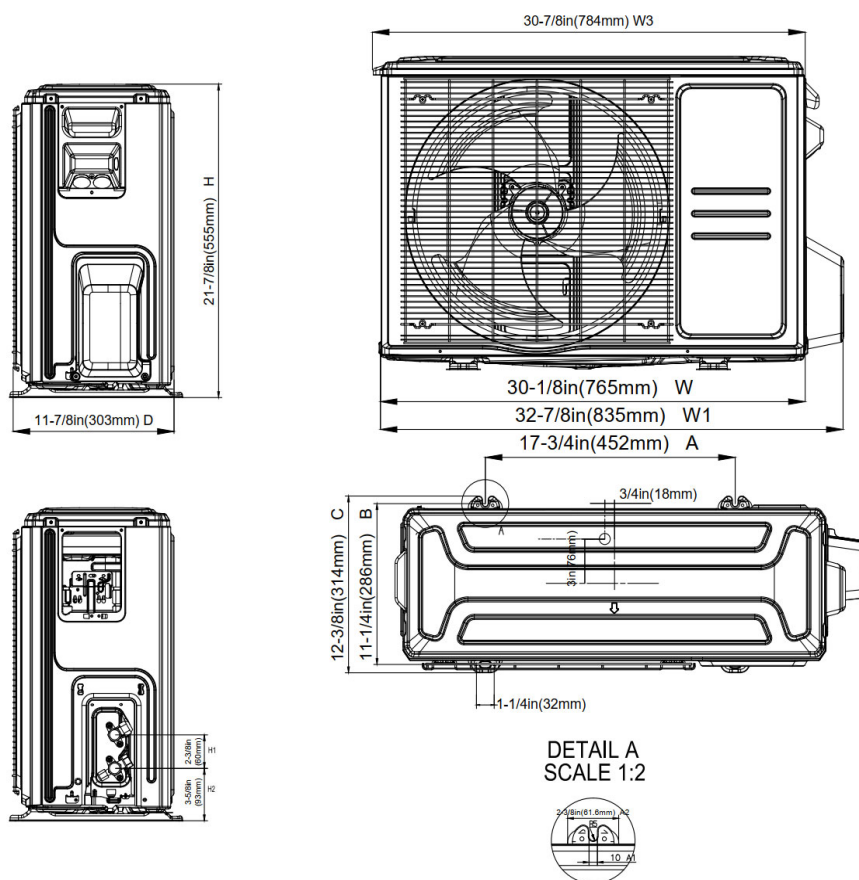
NOTE:
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.



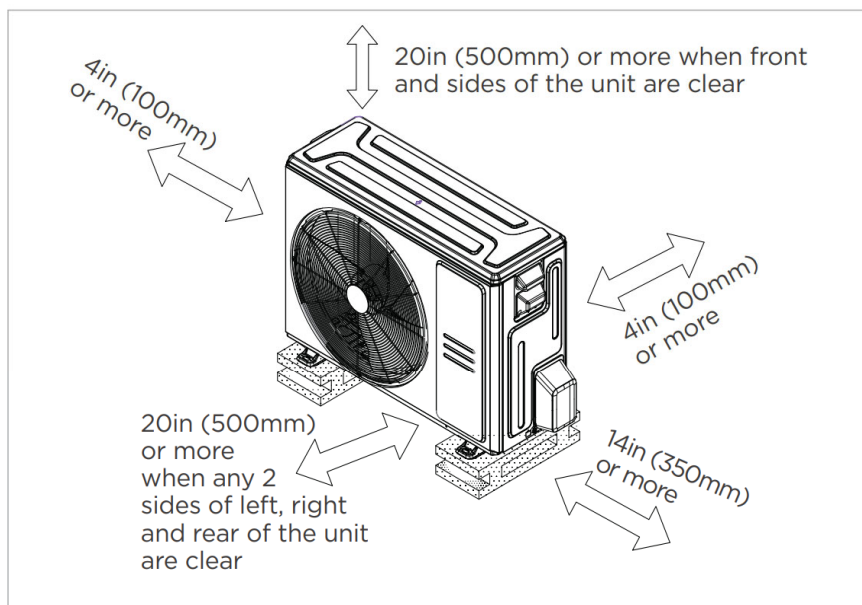
Indoor unit dimensions(WxH):
31.54in(802mm)x11.69in(297mm)

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



Indoor 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.