



Submittal Data Sheet

Indoor Unit Model#: EZ-18W-HP230B
Outdoor Unit Model#: EZ-18Z-HP230B

18K DIYCOOL R454B Std. Heat 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)		470.9 / 400.2 / 329.6 / 270.8 / NA
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		46.5 / 43.0 / 36.5 / 30.0 / 18.5
Dimension (WxDxH)	inch	38.23 x 8.98 x 12.64
	mm	971.0 x 228.0 x 321.0
Package (WxDxH)	inch	41.14 x 12.01 x 15.94
	mm	1045 x 305 x 405
Net/Gross Weight	lbs	30.64 / 44.97
	kg	13.9 / 20.4

OUTDOOR UNIT SPECIFICATIONS

Compressor Type		ROTARY
Compressor Model		KSN140D21UFZ
Refrigerant		R454B
Refrigerant Oil Charge(mL)		440
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		2100
Outdoor Noise Level (dBA)		55.0
Dimension (WxDxH)	inch	30.12 x 11.93 x 21.85
	mm	765.0 x 303.0 x 555.0
Package (WxDxH)	inch	36.22 x 16.54 x 27.56
	mm	920 x 420 x 700
Net/Gross Weight	lbs	62.61 / 82.23
	kg	28.4 / 37.3

EFFICIENCY

Cooling		Heating	
SEER2	20.0	HSPF2-4	8.5
EER2	9.8	COP	3.1

COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	17000
Min/Max Capacity	6400 ~ 18700
Moisture Removal (L/h)	2.37
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	18000
1. @ 47°F Min/Max Capacity	4500 ~ 18100
2. @ 17°F Rated Capacity	11500
3. @ 5°F Rated: Capacity / COP	9800 / 1.80
3. @ 5°F Max: Capacity	9900
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

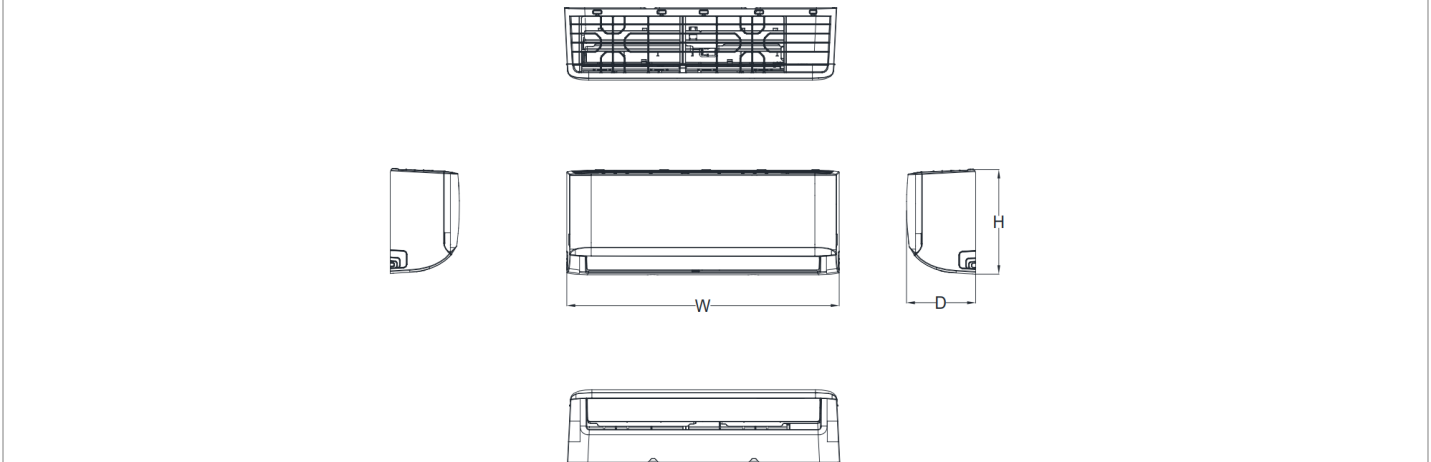
ELECTRICAL SPECIFICATIONS

Power Supply	208/230V, 60Hz, 1Ph
System MCA	15
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	9.5
Outdoor Fan Motor RLA	0.4
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	1735 (540 ~ 1860)
System Power Input @ Heating (W)	1700 (305 ~ 1920)
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

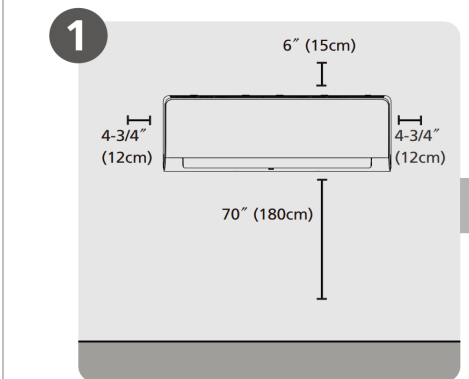
Throttle type (Indoor)	N/A
Throttle type (Outdoor)	Capillary
Liquid Size	6.35mm (1/4in)
Gas Size	12.7mm (1/2in)
Max. Piping Length (ft/m)	98.40 (30)
Max. Height Difference (ft/m)	65.60 (20)
Max. Pre-charged Length (ft/m)	24.6 (7.5)
Refrigerant Pre-charged Amount (oz/g)	34.92 (0.99)
Additional Charge of Refrigerant ((oz/ft)/(g/m))	0.16 (15)
Connection Method	Connector

Indoor Unit Dimensions

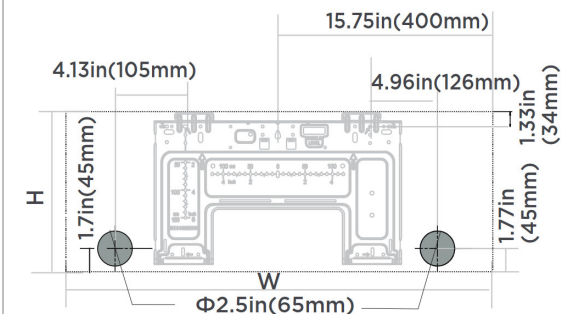
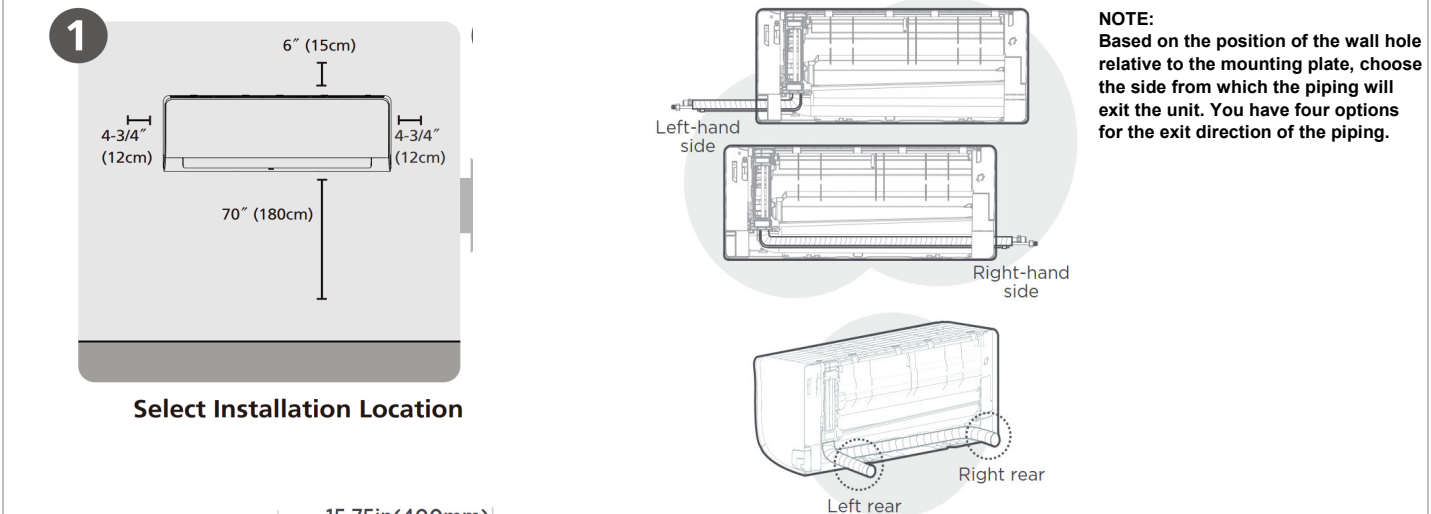


Capacity	Body Code	W(inch/mm)	D(mm/inch)	H(mm/inch)
9K	A	28-3/4in /729mm	7-7/8in /200mm	11-1/2in /292mm
12K	B	31-5/8in /802mm	7-7/8in /200mm	11-5/8in /295mm
18K	C	38-1/4in /971mm	9in /228mm	12-5/8in /321mm
24K	D	42-5/8in /1082mm	9-1/4in /234mm	13-1/4in /337mm

Indoor Unit Installation Instructions



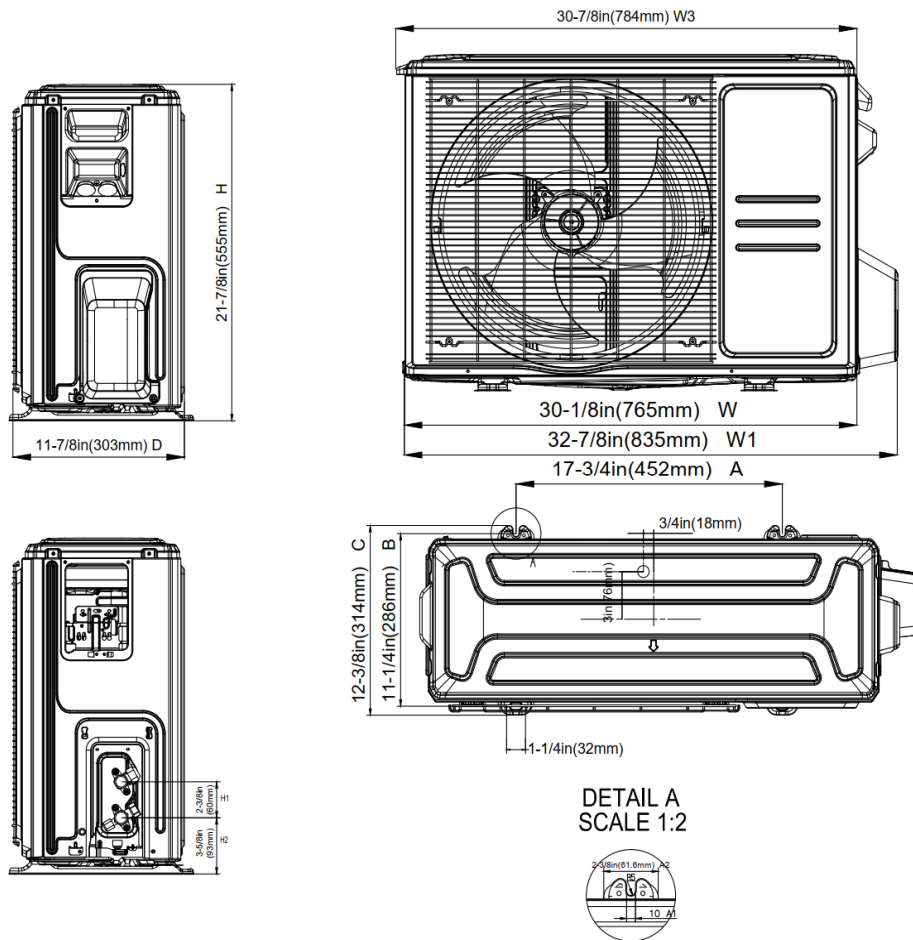
Select Installation Location



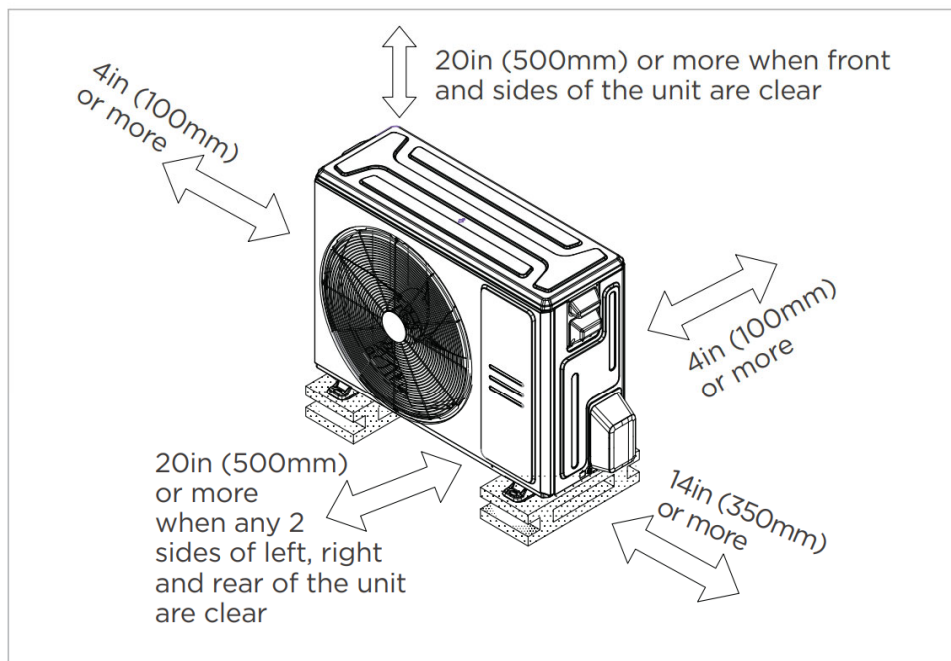
Indoor unit dimensions(WxH):
28.7in(729mm)x11.5in(293mm)

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.