



Submittal Data Sheet

Series Name: DIY Select
 Model Number: DIYS-18-HP-C-230A11-O/DIYS-18-HP-WMAH-230A13-O

High Wall Heat Pump System

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



* Refer to AHRI for Certificates

INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/S)	CFM	470.9 / 400.2 / 329.6 / 270.8 / /
Indoor Noise Level (Turbo/H/M/L/S)	dBA	46.5/43.0/36.5/30.0/18.5
Dimension (WxDxH)	inch	38.23 x 8.98 x 12.64
	mm	971.0x228.0x321.0
Package (WxDxH)	inch	42.1x 16.9x 14.8
	mm	1070x430x375
Net/Gross Weight	lbs	30.64/44.97
	kg	13.9/20.4

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Compressor Model		KSK103D33UEZ3
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	440
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	1236.1
Outdoor Noise Level	dBA	55
Dimension (WxDxH)	inch	30.12 x 11.93 x 21.85
	mm	765.0x303.0x555.0
Package (WxDxH)	inch	34.4x 14.4x 24
	mm	875x365x610
Net/Gross Weight	lbs	62.61/82.23
	kg	28.4/37.3

EFFICIENCY

Cooling		Heating	
SEER2	17.3	HSPF2-4	8.5
EER2	9	COP	1.8

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	17000
Min/Max Capacity	6,300 17,900
Moisture Removal(L/h)	15
Standard Operating Range(°F/°C)	-13~122 (-25~24)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	18000
1. @ 47°F Min/Max Capacity	4,600 18,800
2. @ 17°F Rated	10800
3. @ 5°F Rated: Capacity / COP	14300 16400
3. @ 5°F Max: Capacity	6000
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

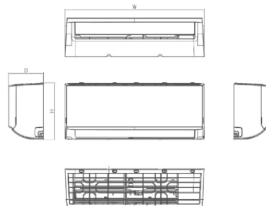
ELECTRICAL

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

PIPING

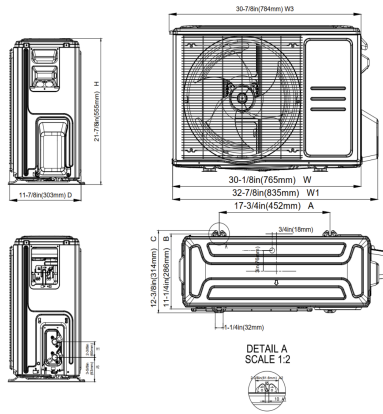
Throttle Type	Indoor	n/a
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	6.35mm(1/4in)
Gas Size	mm (in)	12.7mm(1/2in)
Max. Piping Length	ft (m)	75 (22.86)
Max. Height Difference	ft (m)	49.2 (15)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-Charged Amount	(oz/ft)/(g/m)	34.92
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.16 (15)
Connection Method		Flared or Quick Connect

Indoor Unit Dimension

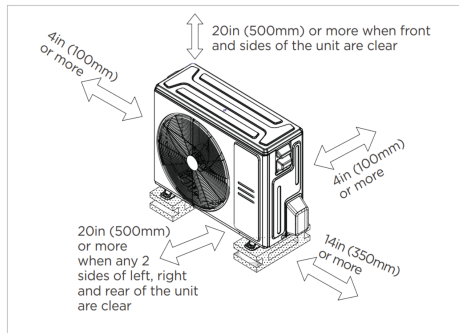


Capacity	Body Code	Unit	W	D	H
9K	A	inch	28.7	7.95	11.54
		mm	729	202	293
12K	B	inch	31.73	7.95	11.54
		mm	806	201	296
18K	C	inch	38.23	9.33	12.64
		mm	971	237	321
24K	D	inch	42.6	9.06	13.27
		mm	1082	230	337

Outdoor Unit Dimension



Installation Instruction



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
- OTA (by using WiFi dongle)