



**Submittal Data Sheet**

Series Name: DIY Select  
 Model Number: DIYS-24-HP-C-230A11-O/DIYS-24-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/Si)	CFM	729.9 / 547.4 / 400.2 / 329.6 / /
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	51.5/45.5/40.5/26.5/21.5
Dimension (WxDxH)	inch	42.60 x 9.21 x 13.27
	mm	1082x234x337
Package (WxDxH)	inch	46.1 x 17.1 x 13.5
	mm	1172x434x343
Net/Gross Weight	lbs	35.49/49.60
	kg	16.1/22.5

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KTM240D46UKT2
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	620
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	1765.8
Outdoor Noise Level	dBA	61
Dimension (WxDxH)	inch	35.04 x 13.46 x 26.50
	mm	890x342x673
Package (WxDxH)	inch	40 x 16.6 x 28.1
	mm	1015x423x715
Net/Gross Weight	lbs	95.90/117.73
	kg	43.5/53.4

EFFICIENCY			
Cooling		Heating	
SEER2	16.5	HSPF2-4	8.3
EER2	8.6	COP	1.8

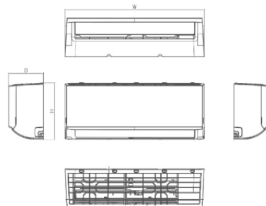
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	23000
Min/Max Capacity	6,400 24,200
Moisture Removal(L/h)	15
Standard Operating Range(°F/°C)	-13~122 (-25~24)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

ELECTRICAL		
Power Supply		208/230V,60Hz,1Ph
System MCA	A	19
Connection Wiring	#	14#x4
System MOCP	A	20
Compressor RLA	A	13.8
Outdoor Fan Motor RLA	A	0.8
Indoor Fan Motor RLA	A	0.6
System Power Input @ Cooling (W)	W	2474
System Power Input @ Heating (W)	W	2290

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	23000
1. @ 47°F Min/Max Capacity	5,800 27,000
2. @ 17°F Rated	16000
3. @ 5°F Rated: Capacity / COP	21500 29800
3. @ 5°F Max: Capacity	10600
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

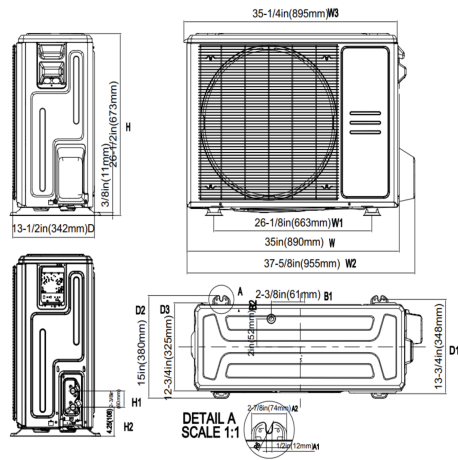
PIPING		
Throttle Type	Indoor	n/a
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	9.52mm(3/8in)
Gas Size	mm (in)	15.9mm(5/8in)
Max. Piping Length	ft (m)	75 (22.86)
Max. Height Difference	ft (m)	49.2 (15)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-Charged Amount	(oz/ft)/(g/m)	50.44
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.32 (30)
Connection Method		Flared or Quick Connect

Indoor Unit Dimension

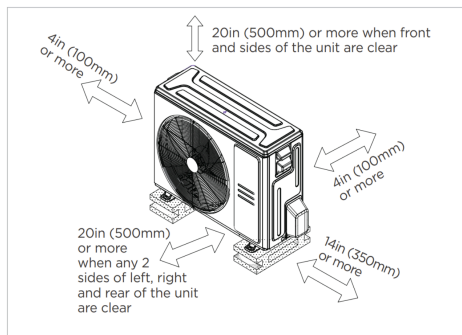


Capacity	Body Code	Unit	W	D	H
9K	A	inch	28.7	7.95	11.54
		mm	729	202	293
12K	B	inch	31.73	7.95	11.54
		mm	806	201	296
18K	C	inch	38.23	9.33	12.64
		mm	971	237	321
24K	D	inch	42.6	9.06	13.27
		mm	1082	230	337

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)