



Submittal Data Sheet

Series Name: DIY Select
 Model Number: DIYS-09-HP-C-115A11-0/DIYS-09-HP-WMAH-115A13-0

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	312.0 / 235.4 / 170.7 / 135.4 / /
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	43.0/35.0/31.0/22.0/18.0
Dimension (WxDxH)	inch	32x15.5x12.8
	mm	729x200x292
Package (WxDxH)	inch	32x15.5x12.8
	mm	729x200x292
Net/Gross Weight	lbs	23.81/33.95
	kg	10.8/15.4

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KSK103D33UEZ3
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	310
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	1059.5
Outdoor Noise Level	dBA	54
Dimension (WxDxH)	inch	28.35 x 10.63 x 19.49
	mm	720x270x495
Package (WxDxH)	inch	32.5x 13.4x 23.2
	mm	827x342x590
Net/Gross Weight	lbs	54.67/66.58
	kg	24.8/30.2

EFFICIENCY			
Cooling		Heating	
SEER2	17.5	HSPF2-4	8.8
EER2	9.8	COP	1.8

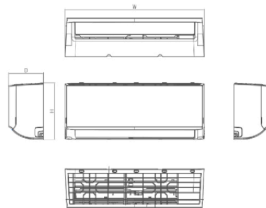
PERFORMANCE of Cooling		
Cooling (Btu/hr)		
Rated Capacity		9000
Min/Max Capacity	2,700	9,900
Moisture Removal(L/h)		15
Standard Operating Range(°F/°C)		-13~122 (-25~24)
Conditions:		Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

ELECTRICAL		
Power Supply		115V,60Hz,1Ph
System MCA	A	17
Connection Wiring	#	14#x4
System MOCP	A	20
Compressor RLA	A	11.4
Outdoor Fan Motor RLA	A	0.5
Indoor Fan Motor RLA	A	0.5
System Power Input @ Cooling (W)	W	796
System Power Input @ Heating (W)	W	945

PERFORMANCE of Heating		
Heating (Btu/hr)		
1. @ 47°F Rated		9000
1. @ 47°F Min/Max Capacity	3,800	10,600
2. @ 17°F Rated		6300
3. @ 5°F Rated: Capacity / COP	9400	12800
3. @ 5°F Max: Capacity		3300
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

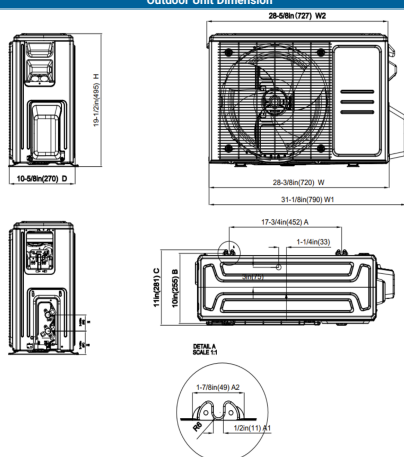
PIPING		
Throttle Type	Indoor	n/a
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	6.35mm(1/4in)
Gas Size	mm (in)	9.52mm(3/8in)
Max. Piping Length	ft (m)	75 (22.86)
Max. Height Difference	ft (m)	49.2 (15)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-Charged Amount	(oz/ft)/(g/m)	17.28
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.16 (15)
Connection Method		Flared or Quick Connect

Indoor Unit Dimension

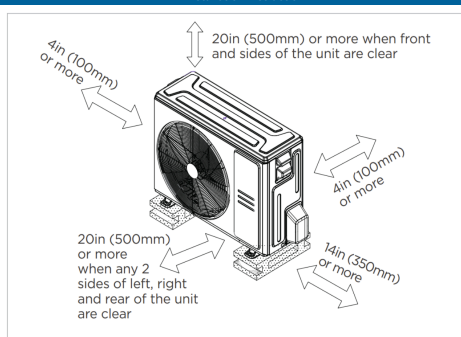


Capacity	Body Code	Unit	W	D	H
9K	A	inch	28.7	7.95	11.54
		mm	729	202	293
12K	B	inch	31.73	7.95	11.54
		mm	806	201	296
18K	C	inch	38.23	9.33	12.64
		mm	971	237	321
24K	D	inch	42.6	9.06	13.27
		mm	1082	230	337

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)