

SUBMITTAL DATA SHEET

Air Handler Heat Pump System

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



INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	335 / 279 / 229
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	46/ 43 / 38.5 /31

OUTDOOR SPECIFICATION

Outdoor Air Flow (Max) (CFM)	
Outdoor Noise Level (dBA)	64
Compressor Type	ROTARY
Compressor Model	KSN103D42UEZ31
Compressor Brand	GMCC
Refrigerant	R32
Refrigerant	0.9
Refrigerant Oil Charge (mL)	280
Refrigerant Oil	VG74

UNIT SPECIFICATION

Dimension (W×D×H)	inch	42x21x16
	mm	1067x532x406
Package (W×D×H)	inch	44 1/8x24 3/8x19 1/4
	mm	1120x620x490
Net/Gross Weight	lbs	98.77/107.36
	kg	44.8/48.7

EFFICIENCY

Cooling		Heating	
EER2	12.8	COP	3.8
SEER2	20.5		
SCP	21.0		

PERFORMANCE of Cooling

Cooling (Btu/hr)

Rated Capacity	12,000
Min/Max Capacity	5,000 ~ 14,500
Moisture Removal (L/h)	
Standard Operating Range (°F/°C)	32~122 (0~50)

PERFORMANCE of Heating

Heating (Btu/hr)

Rated	12,000
Min/Max Capacity	4,000 ~ 13,200
Standard Operating Range (°F/°C)	23~75 (-5~24)

3.5kw Electric Heating (Btu/hr)

Heating Capacity	10900/8900
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Optional 5kw Electric Heating (Btu/hr)

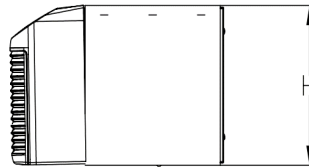
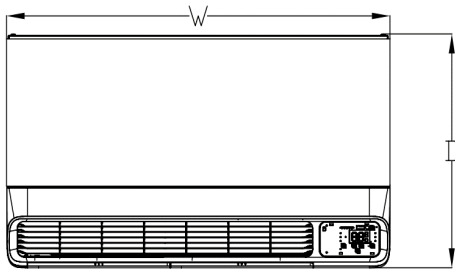
Heating Capacity	15000/12200
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INDOOR SPECIFICATION

Indoor Power Supply	208/230V,60Hz,1Ph
Outdoor Fan Motor RLA	0.35
Outdoor Fan Motor W	77
Indoor Fan Motor RLA	0.12
Indoor Fan Motor W	42
System Power Input @ Cooling (W)	930
System Power Input @ Heating (W)	925
Electric Heating Input	3550/2900
Electric Heating Current	15.5/14.0
Plug type	LCDI(6-20P)
Optional 5kw Electric Heating (Btu/hr)	
Electric Heating Input	5000/4160
Electric Heating Current	22.1/20.5
Plug type	LCDI(6-30P)

Indoor Unit Dimension

Unit: inch, mm



	inch	mm
W	42.0	1067
D	20.9	532
H	15.9	406

Features

- HP operate low to 23F
- Performance 100% cooling capacity @ 115°F (46°C)
- Inverter/Variable Speed Compressor
- R-32
- Improve Sound/Insulation
- Improve Serviceability
- Dehum mode in algorithm

- + Optional Thermostat
- + Optional STC ≥ 31
- + Optional Makeup air
- + Optional ionizer function
- + Optional Humidity sensor