

SUBMITTAL DATA SHEET

8-Way Cassette 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)	647 / 618 / 577 / 536 / 512 / 488 / 453	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	43 / 42 / 41 / 40 / 39 / 38 / 38	
Dimension (W×D×H)	inch	33.08 x 9.45 x 33.08
Package (W×D×H)	inch	37.8 x 37.8 x 12.2
Net/Gross Weight	lbs	63.9

OUTDOOR SPECIFICATION

Compressor Type	Rotary	
Compressor Model	QXFS-A150zX170S	
Refrigerant	R32	
Refrigerant Oil	FW68DA or equivalent	
Outdoor Air Flow (Max) (CFM)	1883.0	
Outdoor Noise Level (dBA)	58	
Dimension (W×D×H)	inch	37.72 x 25.98 x 15.83
Package (W×D×H)	inch	28.16 x 40.63 x 17.95
Net/Gross Weight	lbs	92.6

EFFICIENCY

Cooling		Heating	
SEER2	22.5	HSPF2-4	9.0
EER2	11.6	COP	3.5

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	22000
Min/Max Capacity	2730 / 27300
Moisture Removal(L/h)	2
Standard Operating Range(°F)	-20~122

PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	24000
1. @ 47°F Min/Max Capacity	3580 / 28300
Standard Operating Range(°F/°C)	-22~86

ELECTRICAL

Power Supply	208/230V - 1 Ph - 60Hz
System MCA	22
Connection Wiring	14#4
System MOCP	30
Compressor RLA	15.3
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	60
Indoor Fan Motor RLA	0.8
Indoor Fan Motor W	35
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING

Throttle type(Indoor)	N/A
Throttle type(Outdoor)	Electron expansion valve
Liquid Size	1/4"
Gas Size	5/8"
Max. Piping Length(ft)	131.2
Max. Height Difference(ft)	82
Max. Pre-charged Length(ft)	25
Refrigerant Pre-charged Amount(oz)	42.3
Additional Charge of Refrigerant((oz/ft))	0.4
Connection Method	Flared