

# 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)	412 / 353 / 324 / 294 / 271 / 259 / 224	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	44 / 39 / 36 / 34 / 33 / 30 / 28	
Dimension (W×D×H)	inch	22.56 x 10.81 x 22.56
Package (W×D×H)	inch	27.36 x 25.59 x 11.03
Net/Gross Weight	lbs	37.5

### OUTDOOR SPECIFICATION

Compressor Type	Rotary	
Compressor Model	QXF-M130zF170	
Refrigerant	R32	
Refrigerant Oil	FW68DA or equivalent	
Outdoor Air Flow (Max) (CFM)	2119.0	
Outdoor Noise Level (dBA)	59	
Dimension (W×D×H)	inch	37.72 x 25.98 x 15.83
Package (W×D×H)	inch	40.52 x 17.83 x 28.16
Net/Gross Weight	lbs	94.8

### EFFICIENCY

Cooling		Heating	
SEER2	21	HSPF2-4	9.0
EER2	10.9	COP	2.9

### PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	5118 / 19790
Moisture Removal(L/h)	1.8
Standard Operating Range(°F)	-20~122

### PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	18000
1. @ 47°F Min/Max Capacity	4436 / 20472
Standard Operating Range(°F/°C)	-22~86

### ELECTRICAL

Power Supply	208/230V - 1 Ph - 60Hz	
System MCA	16	
Connection Wiring	14#4	
System MOCP	20	
Compressor RLA	10.35	
Outdoor Fan Motor RLA	1.35	
Outdoor Fan Motor W	60	
Indoor Fan Motor RLA	1	
Indoor Fan Motor W	30	
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	1/2"	
Max. Piping Length(ft/m)	65	
Max. Height Difference(ft/m)	40	
Max. Pre-charged Length(ft/m)	25	
Refrigerant Pre-charged Amount(oz)	40.6	
Additional Charge of Refrigerant((oz/ft))	0.2	
Connection Method	Flared	