

SUBMITTAL DATA SHEET

High Wall 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)	559/441/394/353/312/253/235/0	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	48 / 43 / 41 / 39 / 37 / 33 / 30	
Dimension (W×D×H)	inch	39.09375 X 12.25 X 8.734375
Package (W×D×H)	inch	42 1/64 X 15 13/64 X 11 13/16
Net/Gross Weight	lbs	29.8 / 35.3

OUTDOOR SPECIFICATION

Compressor Type	Rotary	
Compressor Model	QXFS-A150zX170S	
Refrigerant	R-32	
Refrigerant Oil	FW68DA or equivalent	
Outdoor Air Flow (Max) (CFM)	2648	
Outdoor Noise Level (dBA)	61	
Dimension (W×D×H)	inch	39.375 x 29.375 x 16.8125
Package (W×D×H)	inch	42 13/32 x 18 57/64 x 30 29/32
Net/Gross Weight	lbs	103.6 / 114.7

EFFICIENCY

Cooling		Heating	
SEER2	24	HSPF2-4	9
EER2	13.09	COP	3.15

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	22000
Min/Max Capacity	3990 - 28000
Moisture Removal(L/h)	2.4
Standard Operating Range(°F)	-20~122

PERFORMANCE of Heating

Heating (Btu/hr)	
Rated Capacity	24000
Min/Max Capacity	2900 - 27640
Standard Operating Range(°F)	-22~86

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph	
System MCA	23	
System MOCP	25	
Compressor RLA	15.65	
Outdoor Fan Motor RLA	2.1	
Outdoor Fan Motor W	90	
Indoor Fan Motor RLA	0.7	
Indoor Fan Motor W	50	
System Power Input @ Cooling (W)	1675	
System Power Input @ Heating (W)	2235	
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/m)	131.2
Max. Height Difference(ft/m)	82
Max. Pre-charged Length(ft/m)	24.6
Refrigerant Pre-charged Amount(oz)	49.4
Additional Charge of Refrigerant((oz/ft))	0.4
Connection Method	Flare

