

Multi Zone Heat Pump System

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


OUTDOOR SPECIFICATION

Compressor Type		Dual-Rotary
Compressor Model		C-7RZ320H3CCF
Refrigerant		R32
Refrigerant Oil Charge(mL)		900
Refrigerant Oil		FW68S
Outdoor Air Flow (Max) (CFM)		1882
Outdoor Noise Level (dBA)		67
Dimension (W×D×H)	inch	42.64×19.45×33.78
	mm	1083×494×858
Package (W×D×H)	inch	44.68×20.87×38.19
	mm	1135×530×970
Net/Gross Weight	lbs	70/75
	kg	154.3/165.3

ELECTRICAL

Power Supply	208/230V~/60Hz/1P
System MCA	27
Connection Wiring	16AWG*4 Stranded, unshielded, TC-ER Type
System MOCP	45
Compressor RLA	19.6
Outdoor Fan Motor RLA	/
Outdoor Fan Motor W	200
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
Rated Input (Non-Ducted)Cooling (W)	3760
Rated Input (Non-Ducted)Heating (W)	3330
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

EFFICIENCY

Cooling		Heating	
SEER2	24.0	HSPF2-4	8.5
EER2	11.2	COP	3.80

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	42000
Min/Max Capacity	43000
Moisture Removal(L/h)	2.6
Standard Operating Range(°F/°C)	5~131(-15~55)
Rated Cooling Conditions: Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB	

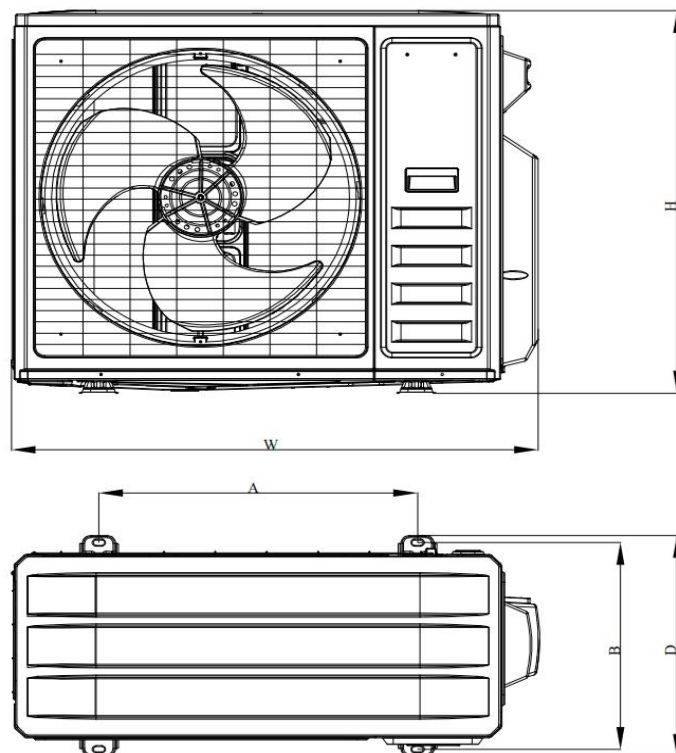
PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	42000
1. @ 47°F Min/Max Capacity	46000
2. @ 17°F Rated(H32)	34000
3. @ 5°F Rated: Capacity / COP(H42)	2.0
3. @ 5°F Max: Capacity	31000
Standard Operating Range(°F/°C)	-13~75(-25~24)
1. Conditions: Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB	
2. Conditions: Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB	
3. Conditions: Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB	

PIPING

Liquid Size	1/4
Gas Size	3/8
Max. Piping Length for all rooms(ft/m)	328 (100)
Max. Piping Length for one IDU(ft/m)	98 (30)
Max. Height Difference of IDU and ODU(ft/m)	49 (15)
Refrigerant Pre-charged Amount(oz/kg)	84.7(2.4)
Refrigerant Precharge Length(ft/m)	123 (37.5)
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe) ((oz/ft)/(g/m))	0.11
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe) ((oz/ft)/(g/m))	/
Connection Method	16AWG*4 Stranded, unshielded, TC-ER Type

Outdoor Unit Dimension



Outdoor Model	Outdoor Unit Dimensions mm (in.)	Mounting Dimensions mm (in.)	
	W x H x D	A	B
C32-MZ-2	852x603x349(33.54x23.74x13.74)	516(20.31)	314(12.36)
C32-MZ-3	913x699x375 (35.94x27.52/10x14.76)	580(22.83)	336(13.23)
C32-MZ-4/C32-MZ-5	1083x858x494 (42.64x33.78x19.45)	660(25.98)	462(18.19)