

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-6RZ210H3BAF
Refrigerant	R32
Refrigerant Oil Charge(mL)	600
Refrigerant Oil	FW50S
Outdoor Air Flow (Max) (CFM)	1647
Outdoor Noise Level (dBA)	61
Dimension (W×D×H)	inch 35.94×14.76×27.52
	mm 913×375×699
Package (W×D×H)	inch 37.4×16.54×28.82
	mm 950×420×732
Net/Gross Weight	lbs 97/103.6
	kg 44/47

ELECTRICAL

Power Supply	208/230V~/60Hz/1P
System MCA	16
Connection Wiring	16AWG*4 Stranded, unshielded, TC-ER Type
System MOCP	25
Compressor RLA	11.6
Outdoor Fan Motor RLA	/
Outdoor Fan Motor W	85
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
Rated Input (Non-Ducted)Cooling (W)	2500
Rated Input (Non-Ducted)Heating (W)	2100
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	HSPF2-4
22.0	8.5
EER2	COP
11.2	4.00

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	28000
Min/Max Capacity	30500
Moisture Removal(L/h)	1.6
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

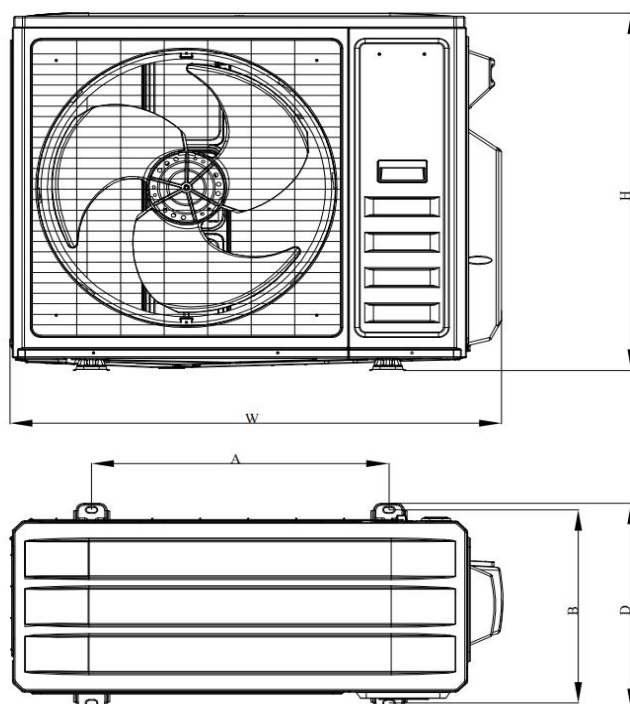
PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	28000
1. @ 47°F Min/Max Capacity	29500
2. @ 17°F Rated(H32)	23000
3. @ 5°F Rated: Capacity / COP(H42)	2.2
3. @ 5°F Max: Capacity	21000
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)	197 (60)
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)	60(1.7)
Refrigerant Precharge Length(ft/m)	74 (22.5)
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)