

SUBMITTAL DATA SHEET

Model: BXM2Z48UC0

Multi-Zone Outdoor Condensing Unit

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

OUTDOOR UNIT SPECIFICATION

Model Number		BXM2Z48UC0
Product Code		CB228W21700
Series		Free Match
Cooling Capacity	BTU/hr	48,000
Heating Capacity	BTU/hr	48,000
Min. Cooling Capacity	BTU/hr	8,870
Max. Cooling Capacity	BTU/hr	49,133
Min. Heating Capacity	BTU/hr	8,870
Max. Heating Capacity	BTU/hr	54,592
Max Indoor Units		5
Compressor Type		Twin Rotary
Compressor Model		QXFS-D40zX070A
Compressor RLA	A	19.6
Fan Type		Axial-flow

Fan Motor Type		DC Motor
Fan Motor Output	W	130
Fan Motor FLA	A	2.5
Air Flow Volume	CFM	3,413
Sound Pressure Level	dBA	Mid: 52 / High: 59
Sound Power Level	dBA	Mid: 62 / High: 69
Dimension (W × D × H)	inch	40 10/64 × 16 52/64 × 32 33/64
Net/Gross Weight	lbs	174.2 / 189.6
ELECTRICAL		
Power Supply		208-230V / 1Ph / 60Hz
Voltage Range	V	187-253
Cooling Power Input	W	4,000
Heating Power Input	W	3,600
Rated Power Input	kW	5.2
Cooling Current Input	A	17.4
Heating Current Input	A	15.7
Rated Current	A	21.73 / 22.6
MCA (Min. Circuit Ampacity)	A	30
Max. Over Current Protection	A	45
Fuse Current	A	30
PERFORMANCE		
EER	(Btu/h)/W	12
COP	(Btu/h)/W	13
SEER		21

HSPF		10
REFRIGERANT		
Refrigerant Type		R32
Refrigerant Charge	oz	95.256
GWP		675
CO2 Equivalent	ton	1.82
Liquid Pipe Diameter		1/4" (5 ports)
Gas Pipe Diameter		3/8" (5 ports)
Connection Method		Flare Connection
Additional Gas Charge	oz/ft	0.2
OPERATING RANGE		
Cooling Ambient Temperature	°F	-22 to 118
Heating Ambient Temperature	°F	-22 to 75.2
Max Piping Length (Total)	ft	328.08
Max Piping Length (to Last Indoor)	ft	82.02
Max Height Difference (Indoor-Indoor)	ft	82.02
Max Height Difference (Indoor-Outdoor)	ft	82.02
Defrosting Method		Automatic Defrosting

RLA: Rated Load Amps | FLA: Full Load Amps | MCA: Minimum Circuit Ampacity | GWP: Global Warming Potential
AHRI Certified | ETL Listed | Multi-Zone Inverter System | Climate Type: T1 | Moisture Protection: IPX4