

# SUBMITTAL DATA SHEET

Model: BXM2Z42UC0

## Multi-Zone Outdoor Condensing Unit

<b>Location:</b>		<b>Approval:</b>	
<b>Engineer:</b>		<b>Date:</b>	
<b>Submitted to:</b>		<b>Construction:</b>	
<b>Submitted by:</b>		<b>Unit #:</b>	
<b>Reference:</b>		<b>Drawing #:</b>	

## OUTDOOR UNIT SPECIFICATION

<b>Model Number</b>		BXM2Z42UC0
<b>Product Code</b>		CB228W21000
<b>Series</b>		Free Match
<b>Cooling Capacity</b>	BTU/hr	42,000
<b>Heating Capacity</b>	BTU/hr	42,000
<b>Max. Cooling Capacity</b>	BTU/hr	44,300
<b>Max. Heating Capacity</b>	BTU/hr	54,592
<b>Max Indoor Units</b>		5
<b>Compressor Type</b>		Twin Rotary
<b>Compressor Model</b>		QXFS-D40zX070A
<b>Compressor RLA</b>	A	19.6
<b>Fan Type</b>		Axial-flow
<b>Fan Motor Type</b>		DC Motor
<b>Fan Motor Output</b>	W	130

<b>Fan Motor FLA</b>	A	2.5
<b>Air Flow Volume</b>	CFM	3,413
<b>Sound Pressure Level</b>	dBA	63
<b>Sound Power Level</b>	dBA	74
<b>Dimension (W × D × H)</b>	inch	40.15625 × 16.8125 × 32.515625
<b>Net/Gross Weight</b>	lbs	174.2 / 189.6

### ELECTRICAL

<b>Power Supply</b>		208-230V / 1Ph / 60Hz
<b>Voltage Range</b>	V	187-253
<b>Cooling Power Input</b>	W	3,230
<b>Heating Power Input</b>	W	3,150
<b>Rated Power Input</b>	kW	5.2
<b>Cooling Current Input</b>	A	14.04
<b>Heating Current Input</b>	A	13.7
<b>Rated Current</b>	A	21.73 / 22.6
<b>MCA (Min. Circuit Ampacity)</b>	A	30
<b>Max. Over Current Protection</b>	A	45
<b>Fuse Current</b>	A	30

### PERFORMANCE

<b>EER</b>	(Btu/h)/W	13
<b>COP</b>	(Btu/h)/W	13.33
<b>SEER</b>		21
<b>HSPF</b>		10

### REFRIGERANT

<b>Refrigerant Type</b>		R32
<b>Refrigerant Charge</b>	oz	95.256
<b>GWP</b>		675
<b>CO2 Equivalent</b>	ton	1.82
<b>Liquid Pipe Diameter</b>		1/4" (5 ports)
<b>Gas Pipe Diameter</b>		3/8" (5 ports)
<b>Connection Method</b>		Flare Connection
<b>Additional Gas Charge</b>	oz/ft	0.2

### OPERATING RANGE

<b>Cooling Ambient Temperature</b>	°F	-22 to 118
<b>Heating Ambient Temperature</b>	°F	-22 to 75.2
<b>Max Piping Length (Total)</b>	ft	328.08
<b>Max Piping Length (to Last Indoor)</b>	ft	82.02
<b>Max Height Difference (Indoor-Indoor)</b>	ft	82.02
<b>Max Height Difference (Indoor-Outdoor)</b>	ft	82.02
<b>Defrosting Method</b>		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