



**MATTICKS INDUSTRIES, INC.**



**KOOLGUARD**

**WALL MOUNT AIR CONDITIONING**

**( COOLING ONLY )**

**FOR HAZARDOUS LOCATIONS**

**CLASS 1, GROUP BCD, DIVISION 2**



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...Intrinsically Safe Self Contained Controls are standard on each Wall Mount Air Conditioner .

...230 Volt 1Ph , 230 Volt 3Ph, 460 Volt 3Ph @ 60Hz

...Controls:

Controls are located on the return air grill. These controls can be removed for remote mounting (controls come with 8' of intrinsic safe cable)

...Features:

Over 21 ETL Listed Models for Hazardous Locations....

Heavy duty ultra-quiet operation for versatile applications such as new construction, modular analyzer shelters, control rooms, electronic equipment shelters, battery rooms, chemical storage containers, and many other hazardous locations that require environmental control.

Aluminum finned copper coils: Grooved tubing and enhanced louvered fin for maximum heat transfer and energy efficiency.

Twin indoor blowers: Move air quietly. Single speed blower motor provides maximum room circulation and low static operation.

Compressors: Reciprocating compression designed to withstand higher compressor ratios. Scroll compressors for increased efficiency, quieter operation and reliability on 4 and 5 ton models.

Electrical components: Electrical components are enclosed in approved explosion proof enclosures within the unit and are easily accessible for routine inspection and maintenance.



### SPECIFICATIONS - 230/208 Volt 3Ph UNITS

MODEL	COOLING CAPACITY BTU/HR	ELECTRICAL CHARACTERISTICS			CIRCUIT RATING	EER	AIR MOVING CAPACITY	WEIGHT NET
		VOLTS	AMPS	WATTS				
MBC224B-BCD	24,000	230/208	8.8/9.1	3500/3270	15A	10.5	905 CFM	398
MBC231B-BCD	31,000	230/208	11.9/12.2	4730/4390	20A	10	1270 CFM	453
MBC236B-BCD	36,000	230/208	13.6/14.4	5410/5180	25A	10	1270 CFM	453
MBC243B-BCD	43,000	230/208	17.4/18.4	6920/6620	35A	10	1665 CFM	598
MBC247B-BCD	47,500	230/208	18.5/19.7	7360/7080	35A	11	1665 CFM	598
MBC257B-BCD	57,500	230/208	23.9/24.2	9500/8700	45A	10.2	1665 CFM	598
MBC269B-BCD	69,500	230/208	25.7/26.1	10220/9390	50A	9	1900 CFM	618

### SPECIFICATIONS - 460 Volt 3Ph UNITS

MODEL	COOLING CAPACITY BTU/HR	ELECTRICAL CHARACTERISTICS			CIRCUIT RATING	EER	AIR MOVING CAPACITY	WEIGHT NET
		VOLTS	AMPS	WATTS				
MBC231C-BCD	31,000	460	7.3	5800	10A	10	1270 CFM	453
MBC236C-BCD	36,000	460	7.7	6120	15A	10	1270 CFM	453
MBC243C-BCD	43,000	460	9.1	7240	15A	10	1665 CFM	598
MBC247C-BCD	47,500	460	9.9	7870	15A	11	1665 CFM	598
MBC257C-BCD	57,500	460	10.1	8030	15A	10.2	1665 CFM	598
MBC267C-BCD	67,500	460	14.8	11770	25A	9	1900 CFM	618

### DEMINSIONAL SPECIFICATIONS

MODEL	LENGTH	HEIGHT	DEPTH	SUPPLY AIR OPENING	RETURN AIR OPENING
18,000 - 23,000 BTU	34 7/8"	70 1/2"	16 7/8"	19 7/8" x 7 7/8"	19 7/8" x 11 7/8"
30,000 - 36,000 BTU	39 7/8"	70 1/2"	16 7/8"	27 7/8" x 7 7/8"	27 7/8" x 13 7/8"
43,000 - 57,500 BTU	43 7/8"	84 7/8"	22 1/2"	29 7/8" x 9 7/8"	29 7/8" x 15 7/8"
67,000 - 69,500 BTU	43 7/8"	94 7/8"	22 1/4"	29 7/8" x 9 7/8"	29 7/8" x 15 7/8"

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