



**MATTICKS INDUSTRIES, INC.**



**KOOLGUARD**

**WALL MOUNT AIR CONDITIONING**

**( COOLING ONLY )**

**GENERAL PURPOSE INTERIOR \**

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



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

...Features:

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.

Dust Filters: One inch disposable air filters are standard with the return air filter grill and are replaceable from the room side.

Fresh Air make up: Barometric fresh air dampers are standard on all units, allowing up to 25% outside fresh air where needed. Where closed loop circulation is required this damper is permanently closed. Fresh air from a safe location above the roof line is furnished using a volume controlled filter plenum and stack. Also offered is our stack support designed for stacks up to 25' above grade without the use of guy wires.



## 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-GP	24,000	230/208	8.8/9.1	3500/3270	15A	10.5	905 CFM	398
MBC231B-BCD-GP	31,000	230/208	11.9/12.2	4730/4390	20A	10	1270 CFM	453
MBC236B-BCD-GP	36,000	230/208	13.6/14.4	5410/5180	25A	10	1270 CFM	453
MBC243B-BCD-GP	43,000	230/208	17.4/18.4	6920/6620	35A	10	1665 CFM	598
MBC247B-BCD-GP	47,500	230/208	18.5/19.7	7360/7080	35A	11	1665 CFM	598
MBC257B-BCD-GP	57,500	230/208	23.9/24.2	9500/8700	45A	10.2	1665 CFM	598
MBC269B-BCD-GP	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-GP	31,000	460	7.3	5800	10A	10	1270 CFM	453
MBC236C-BCD-GP	36,000	460	7.7	6120	15A	10	1270 CFM	453
MBC243C-BCD-GP	43,000	460	9.1	7240	15A	10	1665 CFM	598
MBC247C-BCD-GP	47,500	460	9.9	7870	15A	11	1665 CFM	598
MBC257C-BCD-GP	57,500	460	10.1	8030	15A	10.2	1665 CFM	598
MBC267C-BCD-GP	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"

**MATTICKS INDUSTRIES, INC. / 11232 BRITTMOORE PARK DR.**  
**HOUSTON, TX 77041 / P: 832-243-0662 F: 832-243-0660**  
[www.matticks.com](http://www.matticks.com)