



**MATTICKS INDUSTRIES, INC.**



**KOOLGUARD**

**WALL MOUNT COMBO-AIR CONDITIONING**

**( COOLING ONLY /w PRESSURIZATION )**

**FOR HAZARDOUS LOCATIONS**

**CLASS 1, GROUP BCD, DIVISION 2 EXTERIOR /  
GENERAL PURPOSE INTERIOR**



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Self Contained Controls

Cooling Only

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

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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 for the a/c side: 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.

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

...Easy Installation

...One Cutout for mounting

...Fresh Air Stack 25' from grade level

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Options:...

...Polyurethane enamel or Herisite corrosion protected hermetic system, includes evaporator coil, condenser coil, compressor, and all connecting tube

...Loss of flow Alarm Contacts

...Low Ambient Control

...Stainless Steel Housing

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Cooling Only Models :

18,000 BTU to 56,000 BTU @ 230/208 Volt 1Ph 60Hz

24,000 BTU to 70,000 BTU @ 230/208 Volt 3Ph 60Hz

31,000 BTU to 67,000 BTU @ 460 Volt 3Ph 60Hz

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**Pressurizer Section:**

...The Combo Units are offered with 2000 to 5000 CFM pressurizers

...Single or Dual pressurizers

...All Pressurizers are PLC Operated with Variable Speed Control

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## SPECIFICATIONS - 230/208 Volt 1Ph UNITS

MODEL	COOLING CAPACITY BTU/HR	A/C UNIT ELECTRICAL RATINGS				A/C UNIT AIR MOVING CAPACITY	PRESSURIZER RATINGS			PRESSURIZER CFM
		VOLTS	AMPS	WATTS	CIRCUIT RATING		VOLTS	AMPS	CIRCUIT RATING	
MBC218A-GP-BCD-P	18,300	230/208	9.2/10.2	2120/2120	20A	905 CFM	230/208	2.3/2.4	10A	2000
MBC224A-GP-BCD-P	24,000	230/208	11.7/12.2	3500/3270	25A	905 CFM	230/208	2.3/2.4	10A	2000
MBC231A-GP-BCD-P	31,000	230/208	16.3/17.4	4730/4390	35A	1270 CFM	230/208	2.3/2.4	10A	3000
MBC236A-GP-BCD-P	36,000	230/208	19.4/20.7	5410/5180	40A	1270 CFM	230/208	2.3/2.4	10A	3000
MBC243A-GP-BCD-P	43,000	230/208	23.3/25.5	6920/6620	50A	1665 CFM	230/208	2.3/2.4	10A	3000
MBC247A-GP-BCD-P	47,500	230/208	26.4/28.5	7360/7080	50A	1665 CFM	230/208	2.3/2.4	10A	3000
MBC257A-GP-BCD-P	57,500	230/208	31.8/34.4	9500/8700	70A	1665 CFM	230/208	2.3/2.4	10A	3000

## SPECIFICATIONS - 230/208 Volt 3Ph UNITS

MODEL	COOLING CAPACITY BTU/HR	A/C UNIT ELECTRICAL RATINGS				A/C UNIT AIR MOVING CAPACITY	PRESSURIZER RATINGS			PRESSURIZER CFM
		VOLTS	AMPS	WATTS	CIRCUIT RATING		VOLTS	AMPS	CIRCUIT RATING	
MBC224B-GP-BCD-P	24,000	230/208	8.8/9.1	3500/3270	15A	905 CFM	230/208	2.3/2.4	10A	2000
MBC231B-GP-BCD-P	31,000	230/208	11.9/12.2	4730/4390	20A	1270 CFM	230/208	2.3/2.4	10A	3000
MBC236A-GP-BCD-P	36,000	230/208	13.6/14.4	5410/5180	25A	1270 CFM	230/208	2.3/2.4	10A	3000
MBC243B-GP-BCD-P	43,000	230/208	17.4/18.4	6920/6620	35A	1665 CFM	230/208	2.3/2.4	10A	3000
MBC247B-GP-BCD-P	47,500	230/208	18.5/19.7	7360/7080	35A	1665 CFM	230/208	2.3/2.4	10A	3000
MBC257B-GP-BCD-P	57,500	230/208	23.9/24.2	9500/8700	45A	1665 CFM	230/208	2.3/2.4	10A	3000
MBC269B-GP-BCD-P	69,500	230/208	25.7/26.1	9500/8700	50A	1665 CFM	230/208	2.3/2.4	10A	3000

## SPECIFICATIONS - 460 Volt 3Ph UNITS

MODEL	COOLING CAPACITY BTU/HR	A/C UNIT ELECTRICAL RATINGS				A/C UNIT AIR MOVING CAPACITY	PRESSURIZER RATINGS			PRESSURIZER CFM
		VOLTS	AMPS	WATTS	CIRCUIT RATING		VOLTS	AMPS	CIRCUIT RATING	
MBC231C-GP-BCD-P	31,000	460	7.3	5800	10A	1270 CFM	460	1.2	5.0A	3000
MBC236C-GP-BCD-P	36,000	460	7.7	6120	15A	1270 CFM	460	1.2	5.0A	3000
MBC243C-GP-BCD-P	43,000	460	9.1	7240	15A	1665 CFM	460	1.2	5.0A	3000
MBC247C-GP-BCD-P	47,500	460	9.9	7870	15A	1665 CFM	460	1.2	5.0A	3000
MBC257C-GP-BCD-P	57,500	460	10.1	8030	15A	1900 CFM	460	1.2	5.0A	3000
MBC267C-GP-BCD-P	67,000	460	14.8	11770	25A	1900 CFM	460	1.2	5.0A	3000

## DEMINSIONAL SPECIFICATIONS

MODEL	LENGTH	HEIGHT	DEPTH	WALL CUTOUT
18,000 - 24,000 BTU	34 7/8"	70 1/2"	31"	49"H x 30"W
31,000 - 36,000 BTU	39 7/8"	70 1/2"	31"	49"H x 37"W
43,000 - 57,500 BTU	43 7/8"	84 7/8"	36"	58"H x 40"W
67,000 - 69,500 BTU	43 7/8"	94 7/8"	36"	58"H x 40"W