



***MATTICKS INDUSTRIES, INC.***



**KOOLGUARD**

**WALL MOUNT AIR CONDITIONING**

**( COOLING w/ELECTRIC HEAT )**

**FOR HAZARDOUS LOCATIONS**

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



---

...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 located in the general purpose area or 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.

...Electrical heat strips

...Full length mounting brackets: For improved appearance and easy installation. Note: Bottom mounting bracket included to assist in installation.

...Cabinet finish with baked on beige enamel, which allows it to withstand 1000 hours of salt spray

...Unit panel controls can be removed from the return grill and located away from the air flow

...Rain Flashing supplied with each unit

---

#### Options:

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

...Polyurethane enamel coating of entire unit. Custom colors available

...Fresh Air Plenum and Stack with Rain Cap

...Loss of flow Alarm Contacts

...Low Ambient Control

...Stainless Steel Housing

---

#### Electric Heat Models :

18,000/11700 BTU to 58,000/18800 BTU @ 230/208 Volt 1Ph 60Hz

24,000/14000 BTU to 70,000/18800 BTU @ 230/208 Volt 3Ph 60Hz

31,000/15600 BTU to 68,000/18800 BTU @ 460 Volt 3Ph 60Hz

### SPECIFICATIONS - 230/208 Volt 1Ph UNITS

MODLE	COOL/HEAT BTU/HR	ELECTRICAL CHARACTERISTICS	CIRCUIT RATING	EER	AIR MOVING CAPACITY	WEIGHT NET
	230V/208	VOLTS/PH				
MBE218A-GP-BCD	18300/(5,8,10KW)	230/208/1	20A	10.2	905 CFM	406
MBE224A-GP-BCD	24000/(5,8,10KW)	230/208/1	25A	10.5	905 CFM	406
MBE231A-GP-BCD	31000/(5,8,10,15KW)	230/208/1	35A	10	1270 CFM	461
MBE236A-GP-BCD	36000/(5,8,10,15KW)	230/208/1	40A	10	1270 CFM	461
MBE243A-GP-BCD	43000/(5,10,15,20KW)	230/208/1	50A	10	1665 CFM	606
MBE247A-GP-BCD	47500/(5,10,15,20KW)	230/208/1	50A	11	1665 CFM	606
MBE257A-GP-BCD	57500/(5,10,15,20KW)	230/208/1	70A	10.2	1900 CFM	606

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

MODLE	COOL/HEAT BTU/HR	ELECTRICAL CHARACTERISTICS	CIRCUIT RATING	EER	AIR MOVING CAPACITY	WEIGHT NET
	230V/208	VOLTS/PH				
MBE224B-GP-BCD	24000/(6 KW)	230/208/3	15A	10.5	905 CFM	406
MBE231B-GP-BCD	31000/(6,9,15KW)	230/208/3	20A	10	1270 CFM	461
MBE236B-GP-BCD	36000/(9,15KW)	230/208/3	25A	10	1270 CFM	461
MBE243B-GP-BCD	43000/(9,15KW)	230/208/3	35A	10	1665 CFM	606
MBE247B-GP-BCD	47500/(9,15KW)	230/208/3	35A	11	1665 CFM	606
MBE257B-GP-BCD	57500/(9,15KW)	230/208/3	40A	10.2	1900 CFM	606
MBE269B-GP-BCD	69500/(9,15KW)	230/208/3	50A	9	1950 CFM	626

### SPECIFICATIONS - 460 Volt 3Ph UNITS

MODLE	COOL/HEAT BTU/HR	ELECTRICAL CHARACTERISTICS	CIRCUIT RATING	EER	AIR MOVING CAPACITY	WEIGHT NET
	230/208	VOLTS/PH				
MBE231C-GP-BCD	31000/(9,15KW)	460/3	10A	10	1270 CFM	461
MBE236C-GP-BCD	36000/(9,15KW)	460/3	10A	10	1270 CFM	461
MBE243C-GP-BCD	43000/(9,15KW)	460/3	15A	10	1665 CFM	606
MBE247C-GP-BCD	47500/(9,15KW)	460/3	15A	11	1665 CFM	606
MBE257C-GP-BCD	57500/(9,15KW)	460/3	15A	10.2	1900 CFM	606
MBE267C-GP-BCD	67500/(9,15KW)	460/3	25A	9	1900 CFM	626

## 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*