



MATTICKS INDUSTRIES, INC.

KOOLGUARD

WALL MOUNT AIR CONDITIONING

(COOLING ONLY) R-410A

FOR HAZARDOUS LOCATIONS

CLASS 1, GROUP BCD, DIVISION 2



...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.

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

SPECIFICATIONS - 230/208 Volt 3Ph UNITS

MODEL	COOLING CAPACITY BTU/HR	ELECTRICAL CHARACTERISTICS			CIRCUIT RATING	EER	AIR MOVING CAPACITY	WEIGHT NET
		VOLTS	AMPS	WATTS				
MBC2244B-BCD	24,000	230/208	12.4/25.7	2852/5345	20A	9.0	905 CFM	398
MBC2314B-BCD	29,600	230/208	14.2/15.2	3266/3161	20A	9.0	1270 CFM	453
MBC2364B-BCD	35,400	230/208	18.5/19.8	4255/4118	30A	9.0	1270 CFM	453
MBC2434B-BCD	43,000	230/208	19.8/21.3	4554/4430	35A	9.2	1665 CFM	598
MBC2474B-BCD	47,000	230/208	22.7/21.0	5221/4368	50A	9.0	1665 CFM	598
MBC2574B-BCD	57,000	230/208	22.3/24.0	5129/4992	60A	9.0	1900 CFM	598
MBC2694B-BCD	69,000	230/208	33.3/36.9	7659/7675	60A	9.5	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				
MBC2244C-BCD	24,000	460	10.5	4830	15A	9.0	950 CFM	398
MBC2314C-BCD	29,600	460	10.8	4968	15A	9.0	1270 CFM	453
MBC2364C-BCD	35,400	460	11.5	5290	15A	9.0	1270 CFM	453
MBC2434C-BCD	43,000	460	12.3	5658	15A	9.2	1665 CFM	598
MBC2474C-BCD	47,000	460	13.3	6118	20A	9.0	1665 CFM	598
MBC2574C-BCD	57,000	460	13.8	6348	20A	9.0	1900 CFM	598
MBC2694C-BCD	69,000	460	20.7	9522	30A	9.5	1900 CFM	618

DEMINSIONAL SPECIFICATIONS

MODEL	LENGTH	HEIGHT	DEPTH	SUPPLY AIR OPENING	RETURN AIR OPENING
18,000 - 24,000 BTU	33.3"	70.56"	17.125"	19.88" x 7.88"	19.88" x 11.88"
30,000 - 36,000 BTU	38.2"	70.56"	17.125"	27.88" x 7.88"	27.88" x 13.88"
43,000 - 57,500 BTU	42.07"	84.87"	22.43"	29.88" x 9.88"	29.88" x 15.88"
69,500 BTU	42.0"	94.87"	42.0"	29.88" x 9.88"	29.88" x 15.88"

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