



# ***MATTICKS INDUSTRIES, INC.***



## **SAFEGUARD**

### **WINDOW MOUNT AIR CONDITIONING**

**( COOLING ONLY ) R-410A**

### **FOR HAZARDOUS LOCATIONS**

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



---

...All Window Mount Air Conditioners are Rated T3A ( 356deg. F).

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

...Operation:

COOLING ONLY - Off/On switch and temperature control. Blower runs continuously, thermostat setting cycles the compressor

Intrinsically Safe Self Contained Controls

Heavy Duty ultra-quiet operation

... ***Slide-out chassis for easy installation and maintenance***

Totally enclosed split capacitor fan motor

...Large condenser fan with slinger

...Long lasting washable filter with germicidal treatment

...Includes accessories for window \* or thru-wall installation

...Each Window Mount Air Conditioner has a Closed loop or fresh air and exhaust control

\*most models

Options:... coatings

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

Cooling only Models from 8000 BTU to 36000 BTU, 115 Volt to 230/208 Volt

## SPECIFICATIONS for Cooling Only Window Mount Air Conditioners

| MODEL         | COOLING CAPACITY<br>BTU/HR | ELECTRICAL CHARACTERISTICS |           |           | CIRCUIT<br>RATING | EER       | AIR MOVING CAPACITY |
|---------------|----------------------------|----------------------------|-----------|-----------|-------------------|-----------|---------------------|
|               |                            | VOLTS                      | AMPS      | WATTS     |                   |           |                     |
| MC20814SC-BCD | 7900                       | 115                        | 6.1       | 677       | 125V-15A          | 11.7      | 265 CFM             |
| MC21014SC-BCD | 9500                       | 115                        | 7.7       | 848       | 125V-15A          | 11.2      | 260 CFM             |
| MC21214SC-BCD | 12000                      | 115                        | 10.0      | 1071      | 125V-15A          | 11.2      | 300 CFM             |
| MC21414SC-BCD | 14000                      | 115                        | 12.0      | 1440      | 125V-15A          | 9.7       | 325 CFM             |
| MC21224SC-BCD | 11700/11200                | 230/208                    | 4.8/4.9   | 1026/982  | 250-15A           | 11.4/11.4 | 275 CFM             |
| MC21524SC-BCD | 14500/14300                | 230/208                    | 6.4/6.8   | 1405/1385 | 250-15A           | 10.3/10.3 | 725 CFM             |
| MC21824SC-BCD | 17500/17200                | 230/208                    | 7.4/8.0   | 1635/1617 | 250-15A           | 10.7/10.7 | 350 CFM             |
| MC22424SC-BCD | 23500/23300                | 230/208                    | 11.2/11.9 | 2500/2479 | 250-20A           | 9.4/9.4   | 390 CFM             |
| MC22824SC-BCD | 27800/27000                | 230/208                    | 13.5/14/4 | 2865/2812 | 250-20A           | 9.7/9.6   | 600 CFM             |
| MC23624SC-BCD | 36,000/35,700              | 230/208                    | 19.0/20.5 | 4235/4200 | 250-30A           | 8.5/8.5   | 725 CFM             |

## INSTALLATION INFORMATION

| MODEL         | HEIGHT    | WIDTH     | DEPTH   | MINIMUM<br>ROOMSIDE<br>EXTENSION | MINIMUM<br>OUTSIDE<br>EXTENSION | THRU-WALL FINISHED HOLE |
|---------------|-----------|-----------|---------|----------------------------------|---------------------------------|-------------------------|
| MC20814SC-BCD | 15 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 16 3/16"h - 26 3/16" w  |
| MC21014SC-BCD | 15 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 16 3/16"h - 26 3/16" w  |
| MC21214SC-BCD | 15 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 16 3/16"h - 26 3/16" w  |
| MC21414SC-BCD | 15 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 16 3/16"h - 26 3/16" w  |
| MC21524SC-BCD | 15 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 16 3/16"h - 26 3/16" w  |
| MC21824SC-BCD | 17 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 18 3/16"h - 26 3/16" w  |
| MC21824SC-BCD | 17 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 18 3/16"h - 26 3/16" w  |
| MC22424SC-BCD | 17 15/16" | 25 15/16" | 29"     | 5 3/4"                           | 16 15/16"                       | 18 3/16"h - 26 3/16" w  |
| MC22824SC-BCD | 20 3/16"  | 28"       | 35 1/2" | 5 3/8"                           | 18 15/16"                       | 20 3/8"h - 28 1/4" w    |
| MC23624SC-BCD | 20 3/16"  | 28"       | 35 1/2" | 5 3/8"                           | 18 15/16"                       | 20 3/8"h - 28 1/4" w    |

| MODEL         | WEIGHT (LBS) |      |
|---------------|--------------|------|
|               | NET          | SHIP |
| MC20814SC-BCD | 113          | 123  |
| MC21014SC-BCD | 120          | 130  |
| MC21214SC-BCD | 119          | 132  |
| MC21414SC-BCD | 119          | 132  |
| MC21224SC-BCD | 119          | 133  |
| MC21524SC-BCD | 120          | 135  |
| MC21824SC-BCD | 143          | 155  |
| MC22424SC-BCD | 197          | 217  |
| MC22824SC-BCD | 206          | 226  |
| MC23624SC-BCD | 221          | 241  |



**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)