



Marc Climatic Controls, Inc.

7-1/2 to 12-1/2 Ton Wall Mount Air Conditioners for *Hazardous Locations*

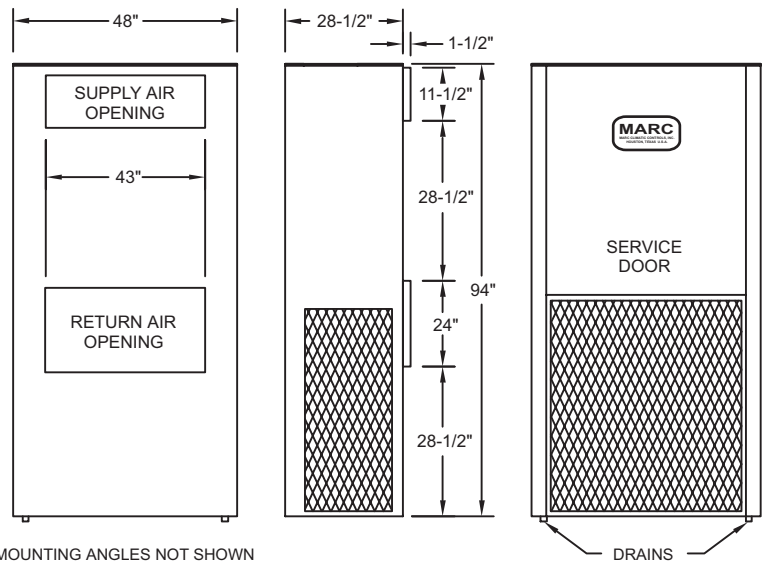
Class I, Division 2, Groups B,C,D (T3 - 392° F, 200° C)

Features:

- ▶ Spark-proof construction.
- ▶ Intrinsically safe control circuit for thermostat.
- ▶ Aluminum blower wheels and condenser fan blade.
- ▶ Heavy 16 gauge cabinet.
- ▶ Totally enclosed motors.
- ▶ Two 50% scroll compressors for staging.
- ▶ Evaporator coil is split row type for full air stream coverage with each stage.
- ▶ Aluminum-finned copper tube coils.
- ▶ Indoor air is totally recirculating.
- ▶ Use with or without indoor duct.
- ▶ Easy wiring through either side wall.
- ▶ Conduit fittings are furnished.
- ▶ No conduit seals required.
- ▶ Side and bottom mounting angles.

Options:

- ▶ Stainless steel cabinet.
- ▶ Industrial coatings on coils and/or cabinet for additional corrosion protection.
- ▶ Copper-finned copper tube coils.
- ▶ Electric heat (in short duct section).
- ▶ Steam heating coil.
- ▶ Thermostat for intrinsically safe circuit (can be factory installed on return air filter grille, complete with plug connector, or shipped separately).
- ▶ Supply air grille and return air filter grille.
- ▶ Fresh air inlet hood with damper, or stack with bird screen and rain cap.
- ▶ Auxiliary blower for rapid fresh air ventilation.
- ▶ Disconnect.
- ▶ Air flow switch for loss of air flow alarm.
- ▶ Hot gas bypass.
- ▶ Compressor anti-short cycle protection.



MOUNTING ANGLES NOT SHOWN

| Model | Cooling BTUH | Volts Phase Hertz | Unit Amps | Minimum Circuit Ampacity | Max Fuse Size (1) | Field Wire Size (2) | CFM & E.S.P Cooling | Net Weight LBS |
|-------------|--------------|-------------------|-----------|--------------------------|-------------------|---------------------|---------------------|----------------|
| WCBX090-236 | 90,000 | 230/208-3-60 | 42.0 | 46 | 60 | 6 | 2990 @ 0.20 | 1150 |
| WCBX090-436 | 90,000 | 460-3-60 | 22.4 | 25 | 30 | 10 | 2990 @ 0.20 | 1150 |
| WCBX120-236 | 120,000 | 230/208-3-60 | 50.8 | 56 | 70 | 6 | 3900 @ 0.20 | 1150 |
| WCBX120-436 | 120,000 | 460-3-60 | 26.0 | 29 | 35 | 8 | 3900 @ 0.20 | 1150 |
| WCBX150-236 | 150,000 | 230/208-3-60 | 62.3 | 67 | 80 | 4 | 5400 @ 0.20 | 1240 |
| WCBX150-436 | 150,000 | 460-3-60 | 30.5 | 33 | 40 | 8 | 5400 @ 0.20 | 1240 |

(1) Recommended Time Delay Fuse or HACR Type Circuit Breaker.
(2) 75° C Copper Wire Size.

Specifications are subject to change without notice. 8-12-05 (Supersedes 12-28-04)
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