



Marc Climatic Controls, Inc.

Hazardous Location

Wall Mount Air Conditioners

Class I, Division 2, Groups B, C, D

- Provides cooling and forced air ventilation (when equipped) to analyzer shelters, cabins, service vans, trailers, and other enclosures in hazardous locations.
- Certified by CSA International to U.S. and Canadian standards for use in Class I, Division 2, Groups B,C,D hazardous (classified) locations. CSA International is accredited as a Nationally Recognized Testing Laboratory (NRTL) by the U.S. Occupational Safety and Health Administration (OSHA).

Features:

- **R-410A** refrigerant.
- CSA certified assuring safety and performance.
- Spark-proof construction.
- Intrinsically safe control circuit for thermostat.
- Aluminum blower wheels and condenser fan blade.
- High & low refrigerant pressure switches.
- Fully insulated evaporator section.
- Indoor air is totally recirculating.
- Use with or without indoor duct.
- Aluminum-finned copper tube coils provide maximum transfer.
- Easy wiring through either side wall.
- Conduit fittings are furnished.
- No conduit seals required.
- Side and bottom mounting angles furnished.

WCBX SERIES



Options:

- Stainless steel cabinet.
- Industrial coatings on coils and/or cabinet for additional corrosion protection.
- Copper-finned copper tube coils.
- Electric heat (see brochure with electric heat.)
- 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.

**WALL MOUNT
AIR CONDITIONERS
WCBX SERIES
- 60 HZ -**

**HAZARDOUS LOCATIONS
CLASS I, DIVISION 2, GROUPS B, C, D
OPERATING TEMPERATURE CODE
T3C - 320°F (160°C)**

R-410A Non-Ozone Depleting Refrigerant

The air conditioners shown below are certified by CSA International to U.S. and Canadian standards for use in Class I, Division 2, Groups B, C, D hazardous (classified) locations. CSA International is accredited as a Nationally Recognized Testing Laboratory by the U.S. Occupational Safety and Health Administration (OSHA).

Model	Cooling BTUH (1)	Volts Phase Hertz	Unit Amps	Minimum Circuit Ampacity	Maximum Fuse Size (2)	Field Wire Size (3)	CFM & E.S.P. Cooling	Cabinet Size	Net Weight LBS
WCBX018-216	16,400	230/208-1-60	9.4	12	15	12	795 @ 0.20	B	330
WCBX024-216	24,000	230/208-1-60	14.6	18	25	10	800 @ 0.20	B	330
WCBX024-236	24,000	230/208-3-60	10.3	13	20	12	800 @ 0.20	B	330
WCBX024-436	24,000	460-3-60	7.5	9	15	12	800 @ 0.20	B	330
WCBX030-216	29,400	230/208-1-60	17.0	21	30	10	1190 @ 0.20	C	385
WCBX030-236	29,400	230/208-3-60	12.2	15	20	12	1190 @ 0.20	C	385
WCBX030-436	29,400	460-3-60	7.8	10	15	12	1190 @ 0.20	C	385
WCBX036-216	35,400	230/208-1-60	21.4	26	35	8	1190 @ 0.20	C	385
WCBX036-236	35,400	230/208-3-60	16.8	21	30	10	1190 @ 0.20	C	385
WCBX036-436	35,400	460-3-60	8.5	10	15	12	1190 @ 0.20	C	385
WCBX042-216	41,000	230/208-1-60	24.7	30	40	8	1550 @ 0.20	D	530
WCBX042-236	41,000	230/208-3-60	18.3	22	30	10	1550 @ 0.20	D	530
WCBX042-436	41,000	460-3-60	9.0	11	15	12	1550 @ 0.20	D	530
WCBX048-216	47,000	230/208-1-60	27.7	34	45	8	1550 @ 0.20	D	530
WCBX048-236	47,000	230/208-3-60	21.0	25	35	8	1550 @ 0.20	D	530
WCBX048-436	47,000	460-3-60	10.0	12	15	12	1550 @ 0.20	D	530
WCBX060-216	55,000	230/208-1-60	31.3	38	50	8	1800 @ 0.20	D	530
WCBX060-236	55,000	230/208-3-60	21.0	25	35	8	1800 @ 0.20	D	530
WCBX060-436	55,000	460-3-60	10.8	13	20	12	1800 @ 0.20	D	530
WCBX070-216	68,000	230/208-1-60	38.3	49	65	6	1800 @ 0.20	E	550
WCBX070-236	68,000	230/208-3-60	33.9	43	60	8	1800 @ 0.20	E	550
WCBX070-436	68,000	460-3-60	17.7	23	30	10	1800 @ 0.20	E	550

(1) Rated at 95°F ambient with 80°DB / 67°WB return air temperature.

(2) Recommended Time Delay Fuse or HACR Type Circuit Breaker.

(3) 75°C Copper Wire Size. Wire sizes shown are for 104°F maximum

ambient. Refer to N.E.C. Table 310.16 for other ambient correction factors.

Specifications are subject to change without notice.

7-1-09 (Supersedes 8-14-08)



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**WALL MOUNT
AIR CONDITIONERS
WCBX SERIES
- 50 HZ -**

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CLASS I, DIVISION 2, GROUPS B, C, D
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T3C - 320°F (160°C)**

R-410A Non-Ozone Depleting Refrigerant

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<i>Model</i>	<i>Cooling BTUH (1)</i>	<i>Volts Phase Hertz</i>	<i>Unit Amps</i>	<i>Minimum Circuit Ampacity</i>	<i>Maximum Fuse Size (2)</i>	<i>Field Wire Size (3)</i>	<i>CFM & E.S.P. Cooling</i>	<i>Cabinet Size</i>	<i>Net Weight LBS</i>
WCBX015-215	13,600	220-1-50	9.4	12	15	12	660 @ 0.20	B	330
WCBX020-215	20,000	220-1-50	14.6	18	25	10	660 @ 0.20	B	330
WCBX020-235	20,000	220-3-50	10.3	13	20	12	660 @ 0.20	B	330
WCBX020-435	20,000	380/420-3-50	7.5	9	15	12	660 @ 0.20	B	330
WCBX025-215	24,600	220-1-50	17.0	21	30	10	990 @ 0.20	C	385
WCBX025-235	24,600	220-3-50	12.2	15	20	12	990 @ 0.20	C	385
WCBX025-435	24,600	380/420-3-50	7.8	10	15	12	990 @ 0.20	C	385
WCBX030-215	29,500	220-1-50	21.4	26	35	8	990 @ 0.20	C	385
WCBX030-235	29,500	220-3-50	16.8	21	30	10	990 @ 0.20	C	385
WCBX030-435	29,500	380/420-3-50	8.5	10	15	12	990 @ 0.20	C	385
WCBX036-215	34,100	220-1-50	24.7	30	40	8	1290 @ 0.20	D	530
WCBX036-235	34,100	220-3-50	18.3	22	30	10	1290 @ 0.20	D	530
WCBX036-435	34,100	380/420-3-50	9.0	11	15	12	1290 @ 0.20	D	530
WCBX040-215	39,100	220-1-50	27.7	34	45	8	1290 @ 0.20	D	530
WCBX040-235	39,100	220-3-50	21.0	25	35	8	1290 @ 0.20	D	530
WCBX040-435	39,100	380/420-3-50	10.0	12	15	12	1290 @ 0.20	D	530
WCBX048-215	45,800	220-1-50	31.3	38	50	8	1500 @ 0.20	D	530
WCBX048-235	45,800	220-3-50	21.0	25	35	8	1500 @ 0.20	D	530
WCBX048-435	45,800	380/420-3-50	10.8	13	20	12	1500 @ 0.20	D	530
WCBX060-215	56,600	220-1-50	38.3	49	65	6	1500 @ 0.20	E	550
WCBX060-235	56,600	220-3-50	33.9	43	60	8	1500 @ 0.20	E	550
WCBX060-435	56,600	380/420-3-50	17.7	23	30	10	1500 @ 0.20	E	550

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