



Marc Climatic Controls, Inc.

EXPLOSION-PROOF Wall Mount Air Conditioners Class I, Division 1, Groups C,D

- Provides cooling and forced air ventilation (when equipped) to analyzer shelters and other enclosures in Division 1 hazardous locations.
- Certified by CSA International to U.S. and Canadian standards for use in Class I, Division 1, Groups 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.
- Explosion-proof motors and compressor.
- Nema 4,7 controls enclosure with three NPT conduit entries in the bottom: 1/2", 3/4", and 1".
- 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.
- Side and bottom mounting angles furnished.



Options:

- Stainless steel cabinet.
- Industrial coatings on coils and/or cabinet for additional corrosion protection.
- Copper-finned copper tube coils.
- 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-C1 SERIES
- 60 HZ -**

**EXPLOSION-PROOF
CLASS I, DIVISION 1, GROUPS C,D
OPERATING TEMPERATURE CODE
T3B - 329°F (165°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 1, Groups 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).

<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>
WCBX018-216-C1	16,400	230/208-1-60	15.0	17	25	10	800 @ 0.20	B	460
WCBX024-216-C1	24,000	230/208-1-60	20.2	24	30	10	800 @ 0.20	B	460
WCBX024-236-C1	24,000	230/208-3-60	12.7	15	20	12	800 @ 0.20	B	460
WCBX024-436-C1	24,000	460-3-60	7.3	9	15	12	800 @ 0.20	B	460
WCBX030-216-C1	29,600	230/208-1-60	22.7	26	35	8	1190 @ 0.20	C	515
WCBX030-236-C1	29,600	230/208-3-60	13.7	16	20	12	1190 @ 0.20	C	515
WCBX030-436-C1	29,600	460-3-60	7.9	10	15	12	1190 @ 0.20	C	515
WCBX036-216-C1	35,400	230/208-1-60	27.1	32	45	8	1190 @ 0.20	C	515
WCBX036-236-C1	35,400	230/208-3-60	18.3	22	30	10	1190 @ 0.20	C	515
WCBX036-436-C1	35,400	460-3-60	8.6	11	15	12	1190 @ 0.20	C	515
WCBX042-216-C1	41,000	230/208-1-60	29.2	34	45	8	1550 @ 0.20	D	660
WCBX042-236-C1	41,000	230/208-3-60	18.2	22	30	10	1550 @ 0.20	D	660
WCBX042-436-C1	41,000	460-3-60	8.7	11	15	12	1550 @ 0.20	D	660
WCBX048-216-C1	47,000	230/208-1-60	32.2	38	50	8	1550 @ 0.20	D	660
WCBX048-236-C1	47,000	230/208-3-60	20.9	25	35	8	1550 @ 0.20	D	660
WCBX048-436-C1	47,000	460-3-60	7.0	12	15	12	1550 @ 0.20	D	660
WCBX060-216-C1	55,000	230/208-1-60	35.8	43	60	8	1800 @ 0.20	D	660
WCBX060-236-C1	55,000	230/208-3-60	20.9	25	35	8	1800 @ 0.20	D	660
WCBX060-436-C1	55,000	460-3-60	10.5	13	20	12	1800 @ 0.20	D	660
WCBX070-216-C1	68,000	230/208-1-60	41.3	49	70	6	1800 @ 0.20	E	680
WCBX070-236-C1	68,000	230/208-3-60	32.3	39	60	8	1800 @ 0.20	E	680
WCBX070-436-C1	68,000	460-3-60	17.0	21	30	10	1800 @ 0.20	E	680

(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.

8-22-09 (Supersedes 7-21-09)



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**WALL MOUNT
AIR CONDITIONERS
WCBX-C1 SERIES
- 50 HZ -**

**EXPLOSION-PROOF
CLASS I, DIVISION 1, GROUPS C,D
OPERATING TEMPERATURE CODE
T3B - 329°F (165°C)**

R-410A Non-Ozone Depleting Refrigerant

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WCBX015-215-C1	13,600	220-1-50	15.0	17	25	10	660 @ 0.20	B	460
WCBX020-215-C1	20,000	220-1-50	20.2	24	30	10	660 @ 0.20	B	460
WCBX020-235-C1	20,000	220-3-60	12.7	15	20	12	660 @ 0.20	B	460
WCBX020-435-C1	20,000	380/420-3-50	7.3	9	15	12	660 @ 0.20	B	460
WCBX025-215-C1	24,600	220-1-50	22.7	26	35	8	990 @ 0.20	C	515
WCBX025-235-C1	24,600	220-3-60	13.7	16	20	12	990 @ 0.20	C	515
WCBX025-435-C1	24,600	380/420-3-50	7.9	10	15	12	990 @ 0.20	C	515
WCBX030-215-C1	29,500	220-1-50	27.1	32	45	8	990 @ 0.20	C	515
WCBX030-235-C1	29,500	220-3-60	18.3	22	30	10	990 @ 0.20	C	515
WCBX030-435-C1	29,500	380/420-3-50	8.6	11	15	12	990 @ 0.20	C	515
WCBX036-215-C1	34,100	220-1-50	29.2	34	45	8	1290 @ 0.20	D	660
WCBX036-235-C1	34,100	220-3-60	18.2	22	30	10	1290 @ 0.20	D	660
WCBX036-435-C1	34,100	380/420-3-50	8.7	11	15	12	1290 @ 0.20	D	660
WCBX040-215-C1	39,100	220-1-50	32.2	38	50	8	1290 @ 0.20	D	660
WCBX040-235-C1	39,100	220-3-60	20.9	25	35	8	1290 @ 0.20	D	660
WCBX042-435-C1	39,100	380/420-3-50	7.0	12	15	12	1290 @ 0.20	D	660
WCBX048-215-C1	45,800	220-1-50	35.8	43	60	8	1500 @ 0.20	D	660
WCBX048-235-C1	45,800	220-3-60	20.9	25	35	8	1500 @ 0.20	D	660
WCBX048-435-C1	45,800	380/420-3-50	10.5	13	20	12	1500 @ 0.20	D	660
WCBX060-215-C1	56,600	220-1-50	41.3	49	70	6	1500 @ 0.20	E	680
WCBX060-235-C1	56,600	220-3-60	32.3	39	60	8	1500 @ 0.20	E	680
WCBX060-435-C1	56,600	380/420-3-50	17.0	21	30	10	1500 @ 0.20	E	680

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

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

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

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