



# Marc Climatic Controls, Inc.

## *Hazardous Location* Wall Mount HEAT PUMPS 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.

### WHBX SERIES



### Options:

- Stainless steel cabinet.
- Industrial coatings on coils and/or cabinet for additional corrosion protection.
- Copper-finned copper tube coils.
- Electric heat (consult factory for available KW, circuit breaker size, etc.)
- 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.
- Compressor anti-short cycle protection.

# Hazardous Location Wall Mount Heat Pumps

R-410A Non-Ozone Depleting Refrigerant

**Class I, Division 2, Groups B, C, D**  
**Operating Temperature Code**  
**T3C - 320°F (160°C)**

<b>60 HZ</b> Model	Cooling BTUH (1)	Heating BTUH (3)	Volts Phase Hertz	Unit Amps	Minimum Circuit Ampacity	Maximum Fuse Size (3)	Field Wire Size (4)	CFM & E.S.P. Cooling	Cabinet Size	Net Weight LBS
WHBX018-216	16,400	16,000	230/208-1-60	9.5	13	15	12	800 @ 0.20	B	350
WHBX024-216	23,400	24,000	230/208-1-60	17.4	23	30	10	800 @ 0.20	B	350
WHBX024-236	23,400	24,000	230/208-3-60	12.1	16	20	12	800 @ 0.20	B	350
WHBX024-436	23,400	24,000	460-3-60	8.6	12	15	12	800 @ 0.20	B	350
WHBX030-216	29,800	29,000	230/208-1-60	17.3	22	30	10	1190 @ 0.20	C	415
WHBX030-236	29,800	29,000	230/208-3-60	12.4	16	20	12	1190 @ 0.20	C	415
WHBX030-436	29,800	29,000	460-3-60	8.0	11	15	12	1190 @ 0.20	C	415
WHBX036-216	34,600	35,000	230/208-1-60	20.1	26	35	8	1190 @ 0.20	C	430
WHBX036-236	34,600	35,000	230/208-3-60	15.8	20	25	12	1190 @ 0.20	C	430
WHBX036-436	34,600	35,000	460-3-60	8.0	11	15	12	1190 @ 0.20	C	430
WHBX042-216	42,000	42,000	230/208-1-60	27.3	34	45	8	1550 @ 0.20	D	560
WHBX042-236	42,000	42,000	230/208-3-60	19.3	24	30	10	1550 @ 0.20	D	560
WHBX042-436	42,000	42,000	460-3-60	9.3	12	15	12	1550 @ 0.20	D	560
WHBX048-216	46,000	44,000	230/208-1-60	27.0	34	45	8	1550 @ 0.20	D	560
WHBX048-236	46,000	44,000	230/208-3-60	20.5	26	35	8	1550 @ 0.20	D	560
WHBX048-436	46,000	44,000	460-3-60	9.8	13	15	12	1550 @ 0.20	D	560
WHBX060-216	54,000	54,000	230/208-1-60	31.1	39	55	8	1800 @ 0.20	D	560
WHBX060-236	54,000	54,000	230/208-3-60	20.9	26	35	8	1800 @ 0.20	D	560
WHBX060-436	54,000	54,000	460-3-60	10.8	14	20	12	1800 @ 0.20	D	560

<b>50 HZ</b> Model	Cooling BTUH (1)	Heating BTUH (2)	Volts Phase Hertz	Unit Amps	Minimum Circuit Ampacity	Maximum Fuse Size (3)	Field Wire Size (3)	CFM & E.S.P. Cooling	Cabinet Size	Net Weight LBS	KGS
WHBX015-215	13,600	13,300	220-1-50	9.5	13	15	12	660 @ 0.20	B	350	159
WHBX020-215	19,500	20,000	220-1-50	17.4	23	30	10	660 @ 0.20	B	350	159
WHBX020-235	19,500	20,000	220-3-50	12.1	16	20	12	660 @ 0.20	B	350	159
WHBX020-435	19,500	20,000	380/420-3-50	8.6	12	15	12	660 @ 0.20	B	350	159
WHBX025-215	24,800	24,000	220-1-50	17.3	22	30	10	990 @ 0.20	C	415	189
WHBX025-235	24,800	24,000	220-3-50	12.4	16	20	12	990 @ 0.20	C	415	189
WHBX025-435	24,800	24,000	380/420-3-50	8.0	11	15	12	990 @ 0.20	C	415	189
WHBX030-215	28,800	29,000	220-1-50	20.1	26	35	8	990 @ 0.20	C	430	195
WHBX030-235	28,800	29,000	220-3-50	15.8	20	25	12	990 @ 0.20	C	430	195
WHBX030-435	28,800	29,000	380/420-3-50	8.0	11	15	12	990 @ 0.20	C	430	195
WHBX035-215	35,000	35,000	220-1-50	27.3	34	45	8	1290 @ 0.20	D	560	254
WHBX035-235	35,000	35,000	220-3-50	19.3	24	30	10	1290 @ 0.20	D	560	254
WHBX035-435	35,000	35,000	380/420-3-50	9.3	12	15	12	1290 @ 0.20	D	560	254
WHBX040-215	38,300	36,600	220-1-50	27.0	34	45	8	1290 @ 0.20	D	560	254
WHBX040-235	38,300	36,600	220-3-50	20.5	26	35	8	1290 @ 0.20	D	560	254
WHBX040-435	38,300	36,600	380/420-3-50	9.8	13	15	12	1290 @ 0.20	D	560	254
WHBX048-215	45,000	45,000	220-1-50	31.1	39	55	8	1500 @ 0.20	D	560	254
WHBX048-235	45,000	45,000	220-3-50	20.9	26	35	8	1500 @ 0.20	D	560	254
WHBX048-435	45,000	45,000	380/420-3-50	10.8	14	20	12	1500 @ 0.20	D	560	254

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

(2) Heat pump cycle rated at 45° F ambient.

(3) MCA: Minimum Circuit Ampacity.

(4) Recommended time delay fuse or HACR rated circuit breaker.

(5) 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. 7-20-09 (Supersedes 8-30-06)



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