



Marc Climatic Controls, Inc.

HAZARDOUS LOCATION Mini-Wall Mount Air Conditioners For Electronic Enclosures Class I, Division 2, Groups B, C, D

Model WMBX060-216-N12 shown here is typical of Marc Mini-Wall Mount air conditioners designed to cool the interiors of electronic enclosures in hazardous locations. These air conditioners are certified by CSA International 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).

WMBX SERIES



Features:

- CSA certified assuring safety and performance.
- NEMA 12 cabinet.
- Spark-proof construction.
- Thermostat on intrinsically safe circuit.
- 3/4" NPT conduit connection and terminals for easy power wiring.
- Aluminum finned copper tube coils provide maximum transfer.
- CFC-free or environmentally safe refrigerant.
- Totally recirculating indoor air.
- Washable filter reduces inventory and maintenance costs.
- Mounting gaskets, drawings, and instruction manual furnished.

Options:

- Stainless steel cabinet.
- NEMA 3R cabinet & weather hood (C & N series).
- NEMA 4X stainless steel cabinet.
- Corrosion coatings extend cabinet life and coil life in harsh environments for reduced maintenance and increased long term cost savings.
- Tropicalization.
- Copper-finned copper tube coils.
- Low volume fresh air intake or exhaust.
- Condensate drainer for pressurized enclosures on some models.
- EMI/RFI noise suppressor.

NEMA 12 (OPTIONAL NEMA 3R AND NEMA 4X)

C-Series 60 HZ	Cooling BTUH at 95°F. AMB.	Cooling BTUH at 131°F. (1)	Volts Phase Hertz	Unit Amps	Minimum Circuit Ampacity	Maximum Fuse Size (2)	Cabinet Size	Net Weight (lbs)
WMBX017-116-C **	1,700	1,600	115-1-60	4.5	5.6	15	CA	82
WMBX017-216-C **	1,700	1,600	230-1-60	2.2	2.8	15	CA	82
WMBX020-116-C **	2,000	2,200	115-1-60	7.4	9.3	15	CB	128
WMBX023-216-C **	2,300	2,700	230-1-60	3.9	4.9	15	CB	128
WMBX028-116-C **	2,800	4,000	115-1-60	13.5	16.9	30	CB	148
WMBX028-216-C **	2,800	4,000	230-1-60	6.6	8.3	15	CB	148
WMBX051-116-C **	5,100	6,000	115-1-60	13.7	17.1	30	CC	163
WMBX051-216-C **	5,100	6,000	230-1-60	6.9	8.6	15	CC	163
WMBX075-116-C **	7,500	8,500	115-1-60	16.0	20.0	30	CC	170
WMBX075-216-C **	7,500	8,500	230-1-60	8.2	10.3	15	CC	168

** Insert "12" for NEMA 12, "3R" for NEMA 3R, or "4X" for NEMA 4X.

NEMA 12 (OPTIONAL NEMA 3R AND NEMA 4X)

N-Series 60 HZ	Cooling BTUH at 125°F. (1)	Volts Phase Hertz	Unit Amps	Minimum Circuit Ampacity	Maximum Fuse Size (2)	Cabinet Size	Net Weight (lbs)
WMBX040-116-N **	4,000	115-1-60	13.0	16.5	25	NA	135
WMBX040-216-N **	4,000	230-1-60	7.2	9.1	15	NA	135
WMBX060-116-N **	6,000	115-1-60	14.0	17.5	30	NB	155
WMBX060-216-N **	6,000	230-1-60	7.0	8.8	15	NB	155
WMBX080-116-N **	8,000	115-1-60	14.5	18.1	30	NC	185
WMBX080-216-N **	8,000	230-1-60	8.0	10.0	15	NC	190
WMBX100-116-N **	10,000	115-1-60	19.5	24.4	40	NC	195
WMBX100-216-N **	10,000	230-1-60	9.8	12.3	20	NC	195

** Insert "12" for NEMA 12, "3R" for NEMA 3R, or "4X" for NEMA 4X.

NEMA 12, 3R (OPTIONAL NEMA 4 AND NEMA 4X)

T-Series 60 HZ	Cooling BTUH at 131°F. (1)	Volts Phase Hertz	Unit Amps	Minimum Circuit Ampacity	Maximum Fuse Size (2)	Cabinet Size	Net Weight (lbs)
WMBX008-116-T **	800 @ 125°F	115-1-60	3.6	4.5	15	T15	52
WMBX009-216-T **	900	230-1-60	1.5	1.9	15	T15	52
WMBX020-116-T **	2,000	115-1-60	7.0	8.8	15	T20	81
WMBX020-216-T **	2,000	230-1-60	3.5	4.4	15	T20	81
WMBX040-116-T **	4,000	115-1-60	13.6	17.0	30	T29	132
WMBX040-216-T **	4,000	230-1-60	6.8	8.5	15	T29	132
WMBX086-116-T **	8,600	115-1-60	11.2	14.0	25	T43	155
WMBX082-216-T **	8,200	230-1-60	5.4	6.8	15	T43	155
WMBX123-216-T **	12,300	230-1-60	9.3	11.6	20	T50	194
WMBX190-216-T **	19,000	230-1-60	18.0	22.5	35	T53	227
WMBX235-216-T **	23,500	230-1-60	17.0	21.3	35	T62	248
WMBX420-216-T **	42,000	230-1-60	26.0	32.5	50	T70	370
WMBX590-216-T **	59,000	230-1-60	48.3	60.4	90	T75	460

** Insert "3R" for NEMA 12 & 3R, "40" for NEMA 4, or "4X" for NEMA 4X.

- (1) Maximum operating ambient temperature. 800 BTUH unit maximum ambient temperature is 125°F.
- (2) Recommended Time Delay Fuse or HACR Type Circuit Breaker.

Specifications are subject to change without notice. 9-21-09 (Supersedes 9-23-08)



Marc Climatic Controls, Inc.
 P. O. Box 218309 • Houston, Texas 77218 USA
 Phone (713) 464-8587 • Fax (713) 468-8810
 www.marcclimatic.com • E-mail: sales@marcclimatic.com
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