

ADIRONDACK ▲ AIRE
zer0zone
410-A

SERIES

MX

PACKAGED TERMINAL AIR CONDITIONING

NOMINAL CAPACITY:

**Replacement PTAC Chassis: Fedders 'CMEA',
 Maxizone, AirTemp 'PTE', IslandAire MX, RetorAire RC40**

7,000, 9,000, 12,000,
 15,000 BTU/h

ColdPoint Corp, Rome, New York 13440 • Phone (315)339-2331 • Fax (315)339-2358 • Web: www.adirondackaire.com



Description:

*Adirondack-Aire 'MX' Series zer0zone chassis provides environment friendly, high efficiency cooling and heating where individual, quiet control of space is a priority. This application flexible unit is also a direct replacement for Fedders 'CMEA', Maxizone, AirTemp 'PTE', IslandAire MX, and RetoAire RC40 series chassis. The chassis is a part of a complete system, which consists of the chassis, a wall sleeve/cabinet, and outdoor louver. The chassis contains the compressor, indoor and outdoor heat exchangers, fan motors & fans, and controls. The 'MX' is dimensionally compatible to the original for a fast, easy, and trouble free installation. Quality components, careful design and testing and the latest in environment friendly technology assure EPA compliance, long life, user satisfaction, and lower energy cost! Consider the extensive list of standard features which includes: **Rust-Block*** corrosion protection system, **centrifugal condenser fan**, evaporator **freeze protection**, permanent **electrostatic air filter**, and **high-pressure over protection.....** and *Adirondack-Aire* is the replacement solution the competition can't match. *Cold Point Corp.* backs the 'MX' with a customer friendly **one-year parts and labor warranty** and **five-year***

compressor warranty, (see *Warranty* document for details).

Application & Benefits:

The *Adirondack-Aire 'MX'* series replacement chassis fits the existing **wall sleeves** and **room cabinets** without modification. A forward curved centrifugal condenser fan provides **proven airflow** performance. The standard high-pressure switch and evaporator freeze protection stops unit operation **before damage occurs** should airflow become reduced or obstructed due to dirty coils, obstructed airflow, or motor failures or lock-up.....a premium feature usually found only in expensive commercial systems. Dual fan motors results in higher efficiencies and lower energy costs. Condensate **re-evaporation** and the *Rust-Block* system assure a **stain-free** building exterior. High efficiency compressors provide demonstrated **reliability** and **low sound** levels and **cut energy costs**...and because the chassis dimensions and construction details are like the original replacement work is **fast and easy**. Using *Adirondack-Aire* replacements eliminates the need for **room and exterior wall renovation** and is *the solution* that gets your property back in service quickly and at the **lowest total cost**. Choose the optional room cabinet front to give the unit a brand **new look** and improve **room aesthetics**.

Options/Accessories:

- Electric heat
- Control options
- Motorized fresh air
- Cabinet front (consult factory)
- Sleeves/ Cabinet (consult factory)
- 115V & 265V (availability varies by model size)
- Louvers (consult factory)

* **Rust-Block corrosion protection system consists of:**
 •Heavy gauge **galvanized steel** construction with **powder paint finished condenser & evaporator pans**

•**Galvanized or Aluminum** Condenser Fan
 •**Stainless steel** compressor and condenser motor studs

•**Magnaguard** and/or **stainless steel** screws and fasteners

Standard Features

- 1). Made in USA
- 2). Designed for easy installation & compatibility. Dimensionally compatible with original sleeves & cabinets
- 3). Exclusive **Rust-Block corrosion protection**
- 4). High efficiency PSC type fan motors w/built-in temperature protection
- 5). UL listed components and construction
- 6). Quiet, durable, and efficient compressor with built-in pressure & temperature protection
- 7). Heavy Gauge G90 galvanized steel construction with powder coat painted condenser & evaporator pans
- 8). High efficiency copper tube-aluminum fin evaporator and condenser coils
- 9). Centrifugal condenser fan for proven airflow performance
- 10). Condensate re-evaporation
- 11). High Pressure switch with manual reset
- 12). Frost free low ambient cooling*
- 13). Electrostatic air filter
- 14). Chassis pull handle facilitates easy chassis removal & handling
- 15). Capillary expansion.
- 16). Precision charged with **zer0zone R-410A** refrigerant
- 17). Line Cord (ex. 265V)

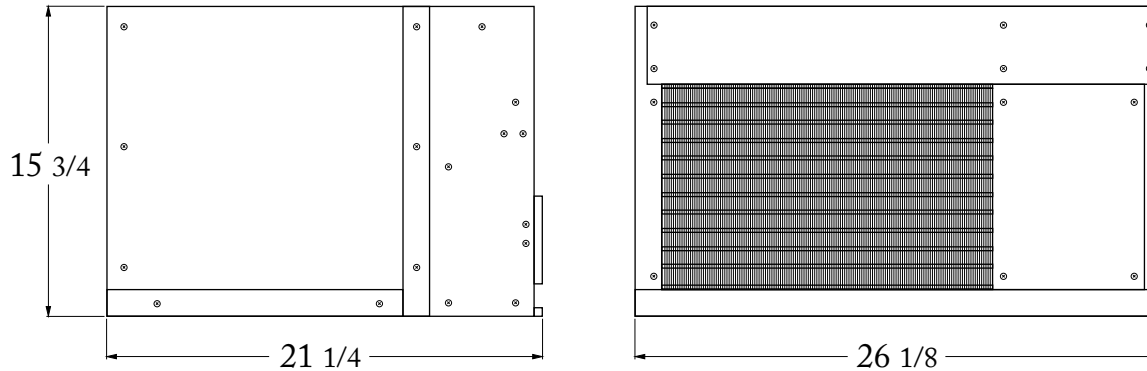
*Cooling operation locks-out at 34° F outdoor temperature and restarts @ 55° F.



MX Dimensions and Specifications

Note: Due to Cold Point Corporation's ongoing quality & product development programs, design and specifications may change. Always consult factory to verify the information provided here.

DIMENSIONAL DETAIL 'MX'



MX zerOzone CHASSIS ELECTRICAL RATINGS (1)

Model	Voltage/ HZ/Ph	Evap. Mtr. HP	Evap. Mtr. Amps	Cond. Mtr. HP	Cond. Mtr. Amps	Comp RLA	Comp LRA	TOTAL AMPS	CKT AMPAC	MAX FUSE	MIN. Volts	Line Cord
MX-09	115/60/1	1/10	1.2	1/5	3.2	8.0	50.0	12.4	14.4	20	104	5-20P
MX-09	208/230/60/1	1/10	0.6	1/5	1.2	3.7	22.0	5.5	6.4	15	197	6-15P
MX-09	265/60/1	1/10	0.6	1/5	1.2	3.5	22.0	5.3	6.2	15	240	N/A
MX-12	115/60/1	1/10	1.2	1/5	3.2	10.5	57.0	14.9	17.5	25	104	5-20P
MX-12	208/230/60/1	1/10	0.6	1/5	1.2	5.2	26.0	7.0	8.3	15	197	6-15P
MX-12	265/60/1	1/10	0.6	1/5	1.2	4.3	25.0	6.1	7.2	15	240	N/A
MX-15	208/230/60/1	1/10	0.6	1/4	2.0	6.6	33.0	9.2	10.9	15	197	6-15P
MX-15	265/60/1	1/10	0.6	1/4	1.1	5.6	28.0	7.3	8.7	15	240	N/A

(1) If electric heat option is selected see Electric Heat Ratings Table: Total AMPS, Ampacity & Fuse size & Line Cord is found in the electric heat table.

NEMA Configurations Non Locking Plugs/Receptacles

Voltage	125V	250V	277V
15A Recp.	5-15R 	6-15R 	7-15R
15A Plug	5-15P 	6-15P 	7-15P
20A Recp.	5-20R 	6-20R 	7-20R
20A Plug	5-20P 	6-20P 	7-20P
30A Recp.	5-30R 	6-30R 	7-30R
30A Plug	5-30P 	6-30P 	7-30P

Electric Heat Ratings (optional)

Heater No. (WCW)	Volt	Watts	BTU/h	HTR Amps	Total HTR Amps	Min CKT Amps	Max. Fuse	Line Cord
2	208	1,500	5,115	7.2	7.8	10.0	15	6-15P
	230	1,835	7,500	8.0	8.6	11.0	15	6-15P
	265	2,435	8,305	9.2	9.8	13.0	15	N/A
	277	2,660	9,070	9.6	10.2	13.0	15	N/A
5	208	3,900	13,300	18.8	19.4	25.0	25	6-30P
	230	4,775	16,285	20.8	21.4	27.0	25	6-30P

MX zerOzone PERFORMANCE TABLE (Tested in Accordance w/ARI)

Model	COMP	Cond. Fan Type/Air Direction	Cool BTUH	SENS BTUH	EER	CFM HI/ LO*	REFRIG
MX-07	CONSULT FACTORY						
MX-09	Rotary	Centrifugal/ Blow Thru	9,500	7,500	10.8	330/280	410A
MX-12	Rotary	Centrifugal/ Blow Thru	11,800	8,500	9.9	330/280	410A
MX-15	Rotary	Centrifugal/ Blow Thru	14,800	10,400	9.1	420/340	410A

*Dry Coil Airflow

Model No.	Chassis Weight (lbs)
07	121
09	121
12	121
15	137