



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

NOMINAL CAPACITY:

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

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Description:

Adirondack-Aire 'MX' Series is a replacement for Fedders 'CMEA', Maxizone, AirTemp 'PTE', IslandAire MX, and RetorAire 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. Proven technology, quality components, careful design and testing, and the latest in reliability and efficiency advances assure 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 R-22 refrigerant
- 17). Line Cord (ex. 265V)

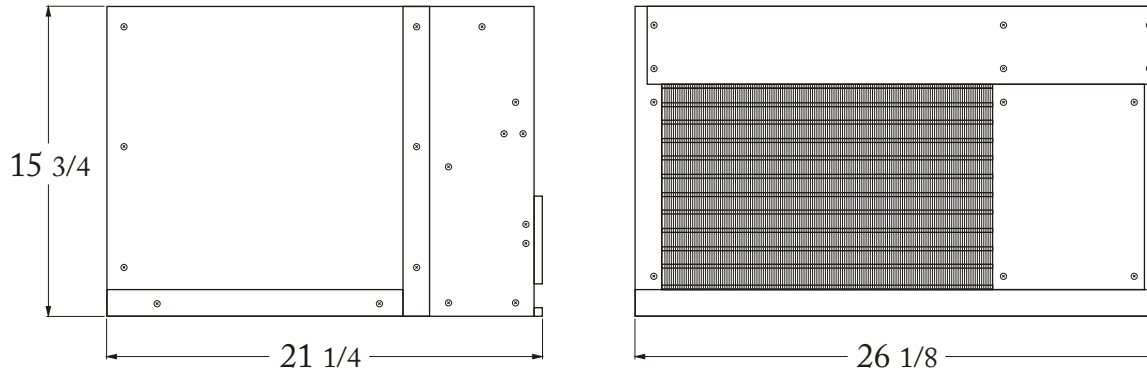
*Cooling operation locks-out at 34° F outdoor temperature and restarts @ 55° F.



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 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	7.5	42.0	11.9	14	20	104	5-15P
MX-09	208/230/60/1	1/10	0.6	1/5	1.2	3.7	21.0	5.5	7	15	197	6-15P
MX-09	265/60/1	1/10	0.6	1/5	1.2	3.1	15.0	4.9	6	15	239	N/A
MX-12	115/60/1	1/10	1.2	1/5	3.2	9.9	56.0	14.1	17	25	104	5-20P
MX-12	208/230/60/1	1/10	0.6	1/5	1.2	5.0	24.0	6.8	9	15	197	6-15P
MX-12	265/60/1	1/10	0.6	1/5	1.2	4.2	20.0	6.0	8	15	239	N/A
MX-15	208/230/60/1	1/10	0.6	1/4	2.0	6.6	34.0	9.2	11	15	197	6-15P
MX-15	265/60/1	1/10	0.6	1/4	1.1	5.4	30.0	7.1	9	15	239	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 PERFORMANCE TABLE (Tested in Accordance w/ARI)

Model	COMP	Cond. Fan Type/Air Direction	Cool BTUH	SENS BTUH	EER	CFM HI/ LO*
MX-07	CONSULT FACTORY					
MX-09	Rotary	Centrifugal/ Blow Thru	9,200	7,400	8.9	330/280
MX-12	Rotary	Centrifugal/ Blow Thru	11,400	8,170	8.5	330/280
MX-15	Rotary	Centrifugal/ Blow Thru	14,600	10,400	8.1	420/340

*Dry Coil Airflow

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