

Series PWC

Magic Chef PWC

Application Flexible | Fast and Easy Replacement | Damage Protection



ADIRONDACK-AIRE PWC CHASSIS SERIES

Replaces Magic Chef PWC Series

The Adirondack-Aire PWC Series zerOzone chassis provides environment friendly, high efficiency cooling and heating where individual, quiet control is a priority. This application flexible unit is a direct replacement for Magic-Chef PWC series heat pump chassis. The chassis is a part of a complete system, which consists of the chassis and a wall sleeve/cabinet with built-in heat section and condenser fan. The chassis contains the compressor, indoor and outdoor heat exchangers, evaporator motor and fan, and refrigeration circuit controls. The sleeve/cabinet is installed through the outside wall of the building. The chassis slides into the sleeve/cabinet for easy removal.

The new chassis is dimensionally identical to the original for a fast, easy, and trouble-free installation. Proven technology, quality components, careful design and testing, and the latest in environment friendly technology mean long unit life, user satisfaction, and lower energy costs. These full-range heat pump units with reverse cycle defrost include thermostatic expansion valve, oversized suction accumulator, electronic defrost control, compressor crankcase heater, high efficiency PSC blower motor and dynamically balanced DWDI blower wheel, and condenser drain pan freeze deterrence. Consider the extensive list of standard features, which includes: Rust-Block* corrosion protection system, condenser fan cycle switch for low ambient evaporator freeze protection, and high-pressure over protection. Adirondack-Aire is the replacement solution that the competition can't match. Adirondack-Aire backs the PWC with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details).

* Rust-Block corrosion protection system consists of: heavy gauge galvanized steel construction, stainless steel compressor, powder painted drain pans, and Magnaguard and/or stainless steel screws and fasteners.

Standard Features:

- Made in the USA
- High efficiency copper tube-aluminum fin evaporator and condenser coils
- Designed for easy installation and compatibility. Dimensionally identical to original Magic Chef chassis
- DWDI centrifugal evaporator blowers
- Full range heat pump operation with reverse cycle defrost
- Electronic defrost control
- Exclusive Rust-Block corrosion protection
- Oversized suction accumulator
- High efficiency PSC-type fan motor with built-in temperature protection
- Compressor crankcase heater
- UL listed components and construction
- Condenser fan cycle switch (pressure actuated)
- Quiet, durable and efficient compressor with built-in pressure and temperature protection
- High pressure switch with lock-out circuit
- Heavy gauge G90 galvanized steel construction
- Refrigerant circuit access ports
- Powder painted drain pans
- Thermostatic expansion valve
- Positive shift reversing valve
- Precision charged with zerOzone R-410A refrigerant

Electrical Data

Model	Compressor Type	Voltage * Volt-Hz-Ph	Evaporator Fan		Compressor		Total** Amps	Min. Ckt** Ampac.	Max** Fuse Size	Min Volts
			Amps	HP	RLA	LRA				
PWC-18	Reciprocating	208/230/60/1	2.2	1/3	7.4	43	9.6	11.5	15	197
PWC-24	Reciprocating	208/230/60/1	2.2	1/3	9.4	54	11.6	14.0	20	197

* 265/277V. Available. Consult Factory

** Does Not Include Cond. Motor or Heater Amps.



PWC CHASSIS APPLICATION & BENEFITS

Fast and Easy Replacement

The Adirondack-Aire PWC series replacement chassis fits the existing Magic-Chef wall sleeve/cabinet and works with the existing heat section, condenser fan and control box without modification. 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. Electrical connectors plug right in to existing control box connectors. Full-

range heat pump operation minimizes the need for back-up electric heat. The PWC is the solution that gets your property back in service quickly and at the lowest total cost.

Damage Protection

A premium feature usually found only in expensive commercial systems, the standard high-pressure switch and evaporator freeze protection stop unit operation before damage occurs, should airflow become reduced or obstructed due to dirty coils, obstructed airflow, or motor failure or lock up. An electronic control

assures precise defrost cycles to maximize efficiency and enhance reliability. The Rust-Block system assures a stain-free building exterior.

Options and Accessories

- Replacement condenser fan
- Replacement condenser motor
- Replacement electric heater module (consult factory)

Performance Ratings*

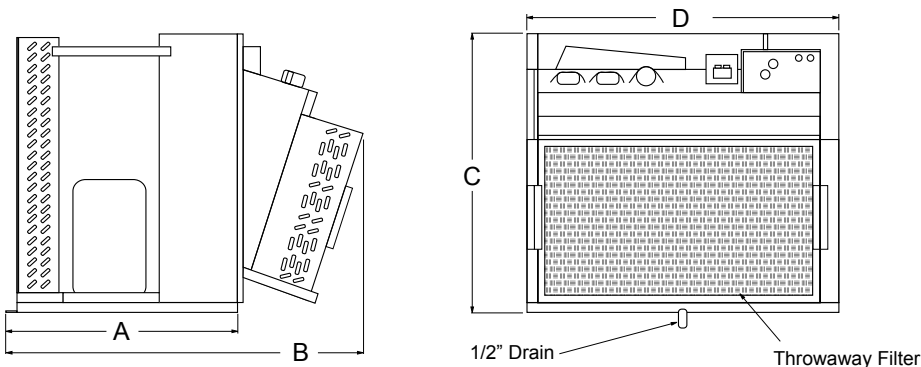
Model	Cooling			Heating		HSPF	Refrigerant
	Btuh	Sens Btuh	EER	Btuh	COP		
PWC-18	18,000	13,500	8.0	19,200	2.7	7.4	R-410A
PWC-24	21,800	15,000	8.0	21,700	2.7	7.4	R-410A

Continuous engineering improvements may result in performance changes without notice.

* Rated in accordance with ARI

Unit Sizes

Model	A	B	C	D	Chassis Weight (lbs)
	Inches				
PWC-18	21	31 7/8	26 5/8	26 1/2	185
PWC-24	21	31 7/8	26 5/8	26 1/2	185



INNOVATIVE HEATING AND COOLING SOLUTIONS

Cold Point equipment has been specified in hundreds of projects in these and other applications:
Direct Replacement | New Construction | Renovation | Commercial & Residential Solutions

Cold Point values reliability as much as you

Your Cold Point sales representative knows their reputation is on the line with every sale. Therefore, they are as personally invested in your comfort as you are, and take great pride in creating your perfect indoor environment.

Rest comfortably, knowing Cold Point stands behind our products

The Cold Point Corporation backs our products with a standard warranty that includes labor for the entire first year of ownership. Registered Limited Warranty terms include: 12 month limited warranty on components, 60 month limited warranty on all unit compressors from the date of original installation OR 15 months limited warranty on components, 63 month limited warranty on all unit compressors from the date of original sale, whichever comes first. For all coverage options and complete coverage terms, check with your local Cold Point representative for full details.

Industry-leading expertise

Cold Point Corporation is the industry-leading supplier of aftermarket comfort solutions for commercial and residential applications. We have over 18 years of experience developing OEM-style replacement products to keep you happy and comfortable. Whether it is a water source heat pump application or an air source PTAC system, Cold Point has the knowledge and products to restore your system to its original operating condition.

Reliable comfort products backed by the industry experts in OEM-style replacement units

To learn more about how the Cold Point Corporation can help you save time and money on your next project, contact your local Cold Point representative. Call **315-339-2331** to speak with one of our specialists, or e-mail your request to info@coldpointcorp.com.

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