



Replacement PTAC/PTHP Chassis for ZoneAire 'C', 'Carrier 51P', Wallmate, KeepRite, Seasonall, Heil Quaker Series 'C', IslandAire 'CS', RetroAire 'RC 30' Series

NOMINAL CAPACITY:

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



MADE IN USA

dual fan motor-cabinet front included

Description:

Adirondack-Aire 'ZCR' Series is a replacement for ZoneAire 'C' series, Carrier '51P', Wallmate, KeepRite, Seasonall, Heil Quaker Series 'C', IslandAire 'CS' & RetroAire 'RC 30' series chassis. The chassis is a part of a complete system, which consists of the chassis, wall sleeve/cabinet, and outdoor louver. The chassis contains the compressor, indoor and outdoor heat exchangers, fan motors & fans, controls. The 'ZCR' is dimensionally compatible with the original for a fast, easy, and trouble free installation and features a low sound level evaporator fan section. 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, draw-thru 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. This is a dual fan motor design for maximum flexibility and efficiency. A new cabinet front and extruded aluminum grille with control door is included with the chassis. Cold Point Corp. backs the 'ZCR' with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details). Heat Pumps are available and include a thermostatic expansion valve and condenser drain pan valve.

Application & Benefits:

The Adirondack-Aire 'ZCR' series replacement chassis fits the existing ZoneAire & Carrier wall sleeve/cabinet without modification. A slinger ring condenser fan and draw-thru airflow pattern re-evaporates condensate and makes cleaning dirty coils easy. 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. 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. The included room cabinet front gives the unit a brand new look and improves room aesthetics.

Options/Accessories:

- Heat Pump •Motorized fresh air •Louvers
•Electric heat •Cabinet Front •115V & 265/277V (availability varies by model size)
•Control options

- * Rust-Block corrosion protection system consists of:
•Heavy gauge galvanized steel construction with powder paint finished condenser and 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). Cabinet front, supply air grille and control door included
3). Designed for easy installation & compatibility. Dimensionally identical to original ZoneAire, Carrier, Wallmate, KeepRite, Seasonall, Heil Quaker, IslandAire & RetroAire chassis.
4). Exclusive Rust-Block corrosion protection
5). Dual fan motors. High efficiency PSC type w/built-in temperature protection
6). UL listed components and construction
7). Quiet, durable, and efficient compressor with built-in pressure & temperature protection
8). Heavy Gauge G60 galvanized steel construction with powder coat painted condenser and evaporator pans
9). High efficiency copper tube-aluminum fin evaporator and condenser coils
10). Draw-thru condenser airflow for easy coil cleaning
11). Condensate re-evaporation
12). High Pressure switch with manual reset
13). Frost free low ambient cooling*
14). Electrostatic air filter
15). Chassis pull handle facilitates easy chassis removal & handling
16). Heat pump heating to 35°F outdoor**
17). Capillary expansion. Thermostatic expansion valve (heat pumps)
18). Positive shift reversing valve (heat pumps)
19). Precision charged with R-22 refrigerant
20). Line Cord (265V)

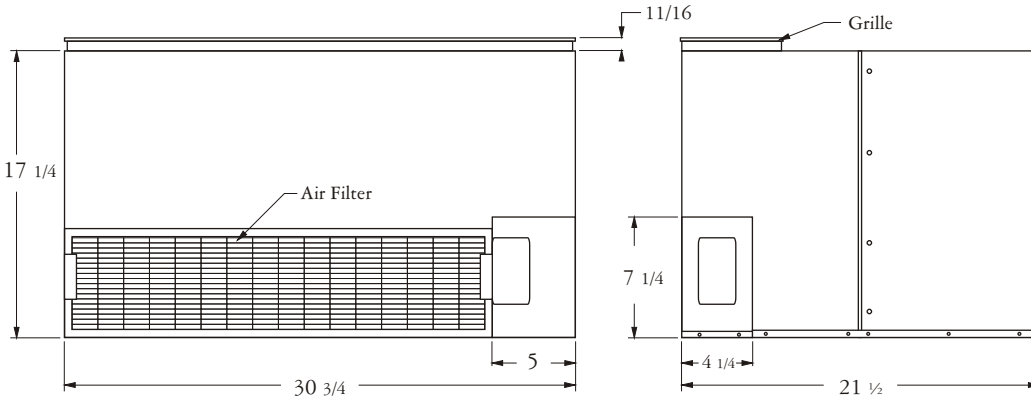
*Cooling operation locks-out at 34° F outdoor temperature and restarts @ 55° F. **Actual temperature affected by relative humidity, solar effect, etc.



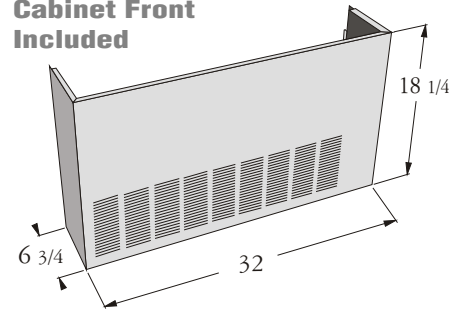
ZCR Dimensions and Specifications

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 'ZCR'



Cabinet Front Included



ZCR 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
ZCR-09	115/60/1	1/10	1.2	1/10	1.4	7.5	42.0	10.3	13	15	104	5-15P
ZCR-09	208/230/60/1	1/10	0.6	1/10	0.6	3.7	21.0	4.9	6	15	197	6-15P
ZCR-09	265/60/1	1/10	0.6	1/10	0.6	3.1	15.0	4.3	6	15	239	N/A
ZCR-12	208/230/60/1	1/10	0.6	1/4	1.6	5.0	24.0	7.2	9	15	197	6-15P
ZCR-12	265/60/1	1/10	0.6	1/4	1.6	4.2	20.0	6.4	8	15	239	N/A
ZCR-15	208/230/60/1	1/10	0.6	1/4	1.6	6.6	34.0	8.8	11	15	197	6-15P
ZCR-15	265/60/1	1/10	0.6	1/4	1.6	5.4	30.0	7.6	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.

Electric Heat Ratings (optional)

Heater No. (WCV)	Volt	Watts	BTU/h	HTR Amps	Total HTR Amps	Min CKT Amps	Max. Fuse	Line Cord
3	208	2,450	8,355	11.8	12.4	16.0	20	6-20P
	230	3,000	10,230	13.0	13.6	17.0	20	6-20P
	265	3,980	13,570	15.0	15.6	20.0	20	N/A
	277	4,350	14,835	15.7	16.3	21.0	20	N/A
5	208	4,090	13,950	19.7	20.3	26.0	30	6-30P
	230	5,000	17,050	21.8	22.4	28.0	30	6-30P

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

ZCR PERFORMANCE TABLE (Tested in Accordance w/ARI)

Model	COMP	Cond. Fan Type/Air Direction	Cool BTUH	SENS BTUH	EER	Heat Pump Cool BTUH	Heat Pump SENS BTUH	EER	Heat Pump Heat BTUH	COP	CFM HI/ LO*
ZCR-09	Rotary	Axial/ Draw Thru	8,700	6,800	8.5	8,400	6,700	8.2	9,000	3.15	350/300
ZCR-12	Rotary	Axial/ Draw Thru	11,000	7,700	8.3	10,800	7,600	8.1	11,000	3.10	350/300
ZCR-15	Rotary	Axial/ Draw Thru	14,500	10,500	8.0	14,000	10,300	7.8	14,700	2.91	400/300

*Dry Coil Airflow

Model No.	Chassis Weight (lbs)
09	135
12	135
15	185