

ADIRONDACK-AIRE zer0zone 410-A

SERIES

JK

PACKAGED TERMINAL AIR CONDITIONING/ HEAT PUMP

NOMINAL CAPACITY:

Replacement PTAC/PTHP Chassis: Replaces Slant-Fin JK Down-Flow

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

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MADE IN
USA

Description:

Adirondack-Aire 'JK' 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 *Slant-Fin JK Down-Flow* series chassis. The chassis is a part of a complete system, which consists of the chassis, a wall sleeve, room cabinet and outdoor louver. The chassis contains the compressor, indoor and outdoor heat exchangers, fan motors, blowers and controls. The 'JK' is dimensionally compatible with 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,

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 'JK' 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 'JK'* series replacement chassis fits the existing *Slant-Fin* wall sleeves and room cabinets without modification. A centrifugal condenser fan provides proven airflow performance with higher static capability than axial fans found in competitor's units. 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 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.

Options/Accessories:

- Electric heat
- Control options
- 115V & 265V (availability varies by model size)
- Motorized fresh air
- Supply air collar

* 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 Slant-Fin
- 3). Exclusive ***Rust-Block corrosion protection***
- 4). High efficiency PSC 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 G60 galvanized steel construction with powder coat painted condenser & evaporator pans
- 8). High efficiency copper tube-aluminum fin evaporator and condenser coils
- 9). Condensate re-evaporation
- 10). High Pressure switch with manual reset
- 11). Frost free low ambient cooling*
- 12). Electrostatic air filter
- 13). Capillary expansion.
- 14). Precision charged with **zer0zone 410A** refrigerant
- 15). Line Cord (ex. 265V)
- 16). Cycling fan operation with heating post purge.

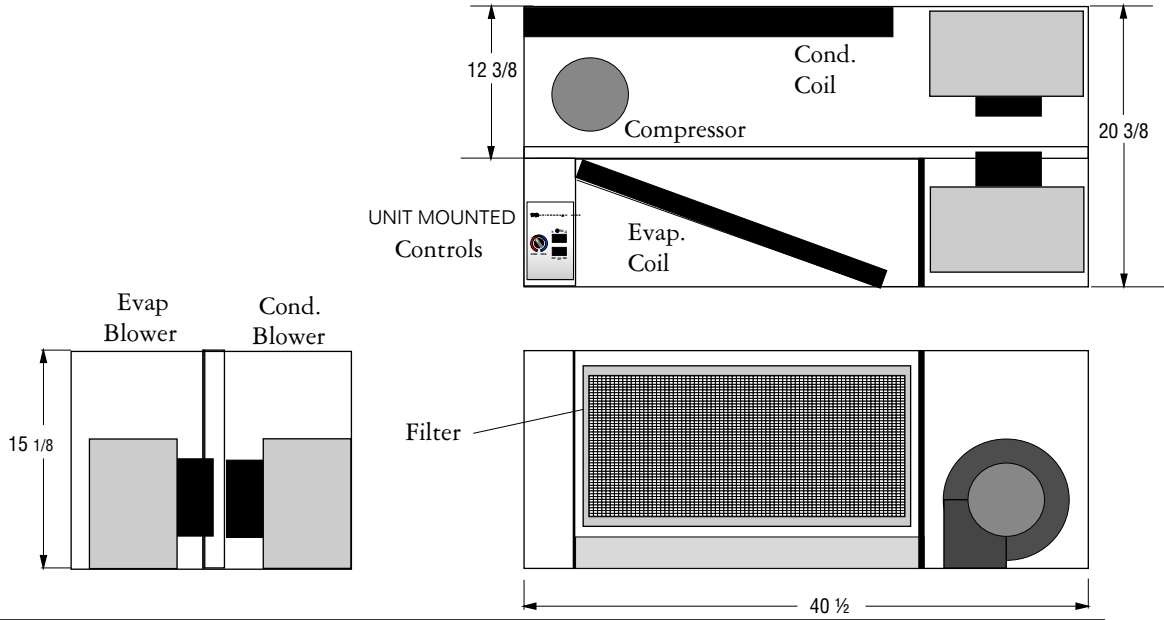
*Cooling operation locks-out at 34° F outdoor temperature and restarts @ 55° F.



JK 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 'JK'



JK 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
JK-09	115/60/1	Consult Factory										
JK-09	208/230/60/1	1/8	1.1	1/4	1.4	3.7	22.0	6.2	7.1	15	197	6-15P
JK-09	265/60/1	Consult Factory										
JK-12	115/60/1	Consult Factory										
JK-12	208/230/60/1	1/8	1.1	1/4	1.4	5.2	26.0	7.7	9	15	197	6-15P
JK-12	265/60/1	Consult Factory										
JK-15	208/230/60/1	1/8	1.1	1/4	1.4	6.6	33.0	9.1	11	15	197	6-15P
JK-15	265/60/1	Consult Factory										

(1) If electric heat option is selected see Electric Heat Ratings Table: Total AMPS, Ampacity & Fuse size is the larger value.

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. (wcu)	Volt	Watts	BTU/h	HTR Amps	Total HTR Amps	Min CKT Amps	Max. Fuse	Line Cord
3	208	3,000	10,200	14.4	15.1	19.8	20	6-20P
	230	3,674	12,500	16.0	17.1	21.1	25	6-30P
	265	Consult Factory						
	277	Consult Factory						
5	208	3,750	12,750	18.05	19.2	24.0	25	6-30P
	230	5,258	17,900	22.9	24.0	29.8	30	6-30P
	265	Consult Factory						
	277	Consult Factory						

JK PERFORMANCE TABLE (Tested in Accordance w/ARI)

Model	COMP	Air Direction	Cool BTUH	SENS BTUH	EER	CFM HI/ LO*	REFRIG
JK-09	Consult Factory						410-A
JK-12	Rotary	Blow Thru	11,500	7,500	8.5	420/340	410-A
JK-15	Rotary	Blow Thru	14,900	8,800	8.3	420/340	410-A

*Dry Coil Airflow

Model No.	Shipping Weight (lbs)
09	142
12	142
15	142