

> CY Series

Packaged Terminal Air Conditioner

The Applied Comfort CY Series has been designed as a direct replacement for original Chrysler Airtemp® downflow ducted units. Developed for a speedy and efficient sleeve installation with no remodelling, these reliable units will be up and running in no time. The new series is ideal to heat or cool high-rise, multiple-room apartment buildings and condos.

Key improvements when compared to the original Chrysler Airtemp® are the placement of the control panel in the front for easy access and field diagnosis. The heaters have also been placed in the front to be easily interchangeable for your customers' room specifications. With new blower design, EC motors and rotary compressor, the dual duct CY series will significantly improve energy efficiency.

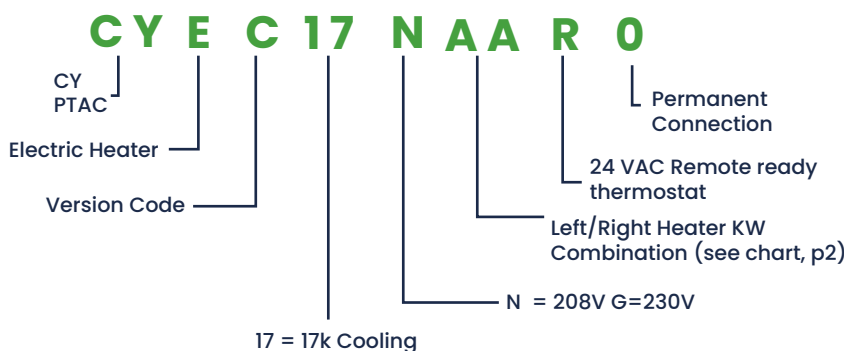
With increased pressure capabilities, the new CY technology improves airflow over long duct runs and achieves greater flexibility for system air balancing. Rated for use in ducted applications up to 0.4" water column external static pressure, this series delivers robust air flow to meet building heating and cooling requirements.

Sleeve: 35.875" x 27.5" | Product: 35.5" x 27"



Key Features

- Electrical box access in front
- Heaters quickly removeable
- High efficiency EC motors used in dual indoor blowers
- Noise reducing materials
- High efficiency rotary compressor
- Same thermostat options as original Chrysler Airtemp®
- Multitude of left and right heater combinations
- Evaporation of indoor condensate to outdoor air stream in cooling mode
- Heavy gauge galvanized steel
- Permanent type washable filter



Accessories

- Outdoor Grill
- Sleeve (consultation required)

Features & Benefits

Flexible heating options

The CY Series can be ordered with different heater KW ratings for the left and right duct outlet positions (See below for the allowable combinations for each voltage). This customization ensures proper heating requirements in your customers buildings.

Heater interchangeability

Once the model has been configured and built, the heaters in the left and right positions can be field-interchanged by qualified service personnel, provided that the KW rating of each original heater is maintained.

Control of left and right heaters

In heating mode, the left indoor blower and heater and right indoor blower and heater can be simultaneously controlled by one heat/cool thermostat, that is considered a standard set-up.

Thermostat designation

Another option is to designate the heat/cool thermostat as the master thermostat, which can be assigned to control either the left blower and heater or the right blower and heater. The other blower and heater can then be controlled by a sub-thermostat set up as heating-only and placed in a separate room if desired. Both indoor blowers always energize on a call for cooling. This adheres to the original Chrysler control options.



CY Series

Packaged Terminal Air Conditioners (230V and 208V)

Model	Voltage	Hz	Cooling				Heating				Min. Circuit Amps	MOP Fuse Amps	SCFM @ 0.25" w.c Ext.	SCFM @ 0.40" w.c Max Ext.
			BTU / Hr.	EER	Amps	SCFM @ 0.25" w.c Ext.	Total Heat (kW)	Heater Combination (kW)	Heating BTU/Hr.	Max Heating Amps				
CYEC17GAAR0	230	60	16200	7.5	10.3	450	4.6	2.3+2.3	16,300	21.5	26.8	30	395	350
CYEC17GABR0	230	60	16200	7.5	10.3	450	5.5	3.2+2.3	19,400	25.4	31.7	35	395	350
CYEC17GBBR0	230	60	16200	7.5	10.3	450	6.4	3.2+3.2	22,400	29.3	36.6	40	395	350
CYEC17GCBR0	230	60	16200	7.5	10.3	450	6.9	3.7+3.2	24,100	31.5	39.3	40	395	350
CYEC17GCCR0	230	60	16200	7.5	10.3	450	7.4	3.7+3.7	25,800	33.6	42.0	45	395	350
CYEC17GEBR0	230	60	16200	7.5	10.3	450	8.4	5.2+3.2	29,600	38.9	48.6	50	500	460

Model	Voltage	Hz	Cooling				Heating				Min. Circuit Amps	MOP Fuse Amps	SCFM @ 0.25" w.c Ext.	SCFM @ 0.40" w.c Max Ext.
			BTU / Hr.	EER	Amps	SCFM @ 0.25" w.c Ext.	Total Heat (kW)	Heater Combination (kW)	Heating BTU/Hr.	Max Heating Amps				
CYEC17NBAR0	208	60	16200	7.8	11.0	453.0	4.5	2.3+2.3	15,900	21.5	29	30	398	352
CYEC17NCBR0	208	60	16200	7.8	11.0	453.0	5.5	3.2+2.3	19,400	25.4	35	35	398	352
CYEC17NCCR0	208	60	16200	7.8	11.0	453.0	6.0	3.2+3.2	21,100	29.3	38	40	398	352
CYEC17NDDR0	208	60	16200	7.8	11.0	453.0	7.0	3.7+3.2	24,500	31.5	44	45	398	352
CYEC17NECR0	208	60	16200	7.8	11.0	453.0	7.7	3.7+3.7	27,200	33.6	49	50	505	465

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Every effort has been made to ensure descriptions are correct at the time of print. Errors and omissions excepted. PTAC[V3]12/2023

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