



**Model CHA
& CHA-E**

AIR CURTAINS *for* VESTIBULE EXCEPTION

Use in Place of a Vestibule

Vestibules consume valuable floor space and add to already expensive construction costs. Powered Aire's **Vestibule Exception** air curtains have been tested in accordance with ANSI/AMCA 220 and meet the criteria for use as an exception to the 2015 International Energy Conservation Code (IECC) vestibule requirement.

Exposed or Above the Ceiling

The **Model ETA** is installed directly above door openings, while **Model CHA** is specifically designed to be dropped into the ceiling above customer entryways where a standard air curtain is not desired.



**Model ETA
& ETA-E**

Heat or No Heat - Your Choice!

Powered Aire leads the industry in offering both unheated models (**ETA & CHA**) and heated models (**ETA-E & CHA-E**) air curtains that have been tested in accordance with ANSI/AMCA 220 and are in compliance with the IECC Vestibule Exception Code.

High Efficiency - Energy Savings!

Pair the **ETA** and **CHA** series air curtains with **Eco-Motors™** for high efficiency energy savings and activation within 1 second or less. This is 5-7 times faster than a traditional ECM!



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Industry News: Powered Aire Supplies Air Curtains for IECC Vestibule Exception

Powered Aire Inc., the Greenville, PA based manufacturer of high performance stainless steel air curtains, offers two AMCA certified models that meet the IECC Vestibule Exception requirements.

The first model is the ETA, which is installed directly above door openings. The second model is the CHA which is specifically designed to be dropped into the ceiling above customer entryways where a standard air curtain is not desired.

Both units, in their unheated and electrically heated versions, have been tested in accordance with ANSI/AMCA 220 and meet the criteria for use as exceptions to the vestibule requirement in Climate Zones 3 and above.

Beginning with the 2015 version of the International Energy Conservation Code (IECC), the following change (noted in red) are in place with regard to vestibule requirements.

C402.4.7 Vestibules. All building entrances shall be protected with an enclosed vestibule, with all doors opening into and out of the vestibule equipped with self-closing devices. Vestibules shall be designed so that in passing through the vestibule it is not necessary for the interior and exterior doors to open at the same time. The installation of one or more revolving doors in the building entrance shall not eliminate the requirement that a vestibule be provided on any doors adjacent to revolving doors.

Exceptions: Vestibules are not required for the following:

1. Buildings in Climate Zones 1 and 2.
2. Doors not intended to be used by the public, such as doors to mechanical or electrical equipment rooms, or intended solely for employee use.
3. Doors opening directly from a sleeping unit or dwelling unit.
4. Doors that open directly from a space less than 3,000 square feet (298 m²) in area.
5. Revolving doors.
6. Doors that have an AIR CURTAIN with a minimum velocity of 2 m/s at the floor, have been tested in accordance with ANSI/AMCA 220 and installed in accordance with manufacturer's instructions. Manual or automatic controls shall be provided that will operate the air curtain with the opening and closing of the door. Air curtains and their controls shall comply with Section C408.2.3.
7. Doors used primarily to facilitate vehicular movement or material handling and adjacent personnel doors.

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