

Fantech AS Series Air Curtain

Description

Air curtain unit shall be Fantech type electrically heated model AS. All AS Series units are backed by **Fantech's Five Year Warranty.**

Guide Specifications for Model AS Air Curtain

Construction

Housing

- Fan housing shall be constructed of heavy gauge galvanized sheet metal.
- Housing shall have a baked enamel finish to protect from corrosion.

Motor

- Motor shall be mounted on the end of the blower wheel in order to obtain uninterrupted airflow along the length of the unit.
- Motor shall be of the external rotor type, with permanently sealed self lubricating ball bearings.
- Motor shall be equipped with automatic reset thermal overloading protection, and acceptable for continuous duty.

Wheel

- Blower wheel shall be of forward curved cross-flow type made of galvanized steel.

Electric Heater

- The heating elements shall be of tubular finned type
- Elements shall be mounted in the inlet air stream to reduce outlet turbulence.
- Thermal overload protection sensor shall be located in the air stream near heating elements.
- Manually operated reset button shall be located so that it is readily accessible through the outlet grid.

Operation

- Unit shall be equipped with built-in operating panel for manual operation.
- Toggle switches shall have neutral position in the middle and shall be used to control the air flow and output heat.
- Heat selection switch shall provide no heat, Low and High heat settings.
- Switch assembly shall be removable from the unit and may be mounted inside a wall panel for remote operation.
- Fan performance shall be based on tests conducted in accordance with HVI and certified by HVI.

Mounting

- Unit shall be equipped with keyholes and the rear of the unit for flush wall mounting, as well as keyholes on the top of the unit for ceiling mounting with a threaded rod or chain.
- Unit shall be supplied with brackets for wall mounting in locations where keyhole mounting cannot be used.
- Several units can be mounted next to each other in series to cover larger door openings. Up to 4 units can be controlled by one set of control switches in a "Main – Auxiliary" combination.

Code Approval

Air Curtain shall be tested and approved by UL (or equal) for safety.

AS Series shall be manufactured under the authority of Fantech, Inc., Sarasota, FL.



United States 1712 Northgate Blvd. · Sarasota, FL 34234 · 1.800.747.1762 · www.fantech.net

Canada 50 Kanalfakt Way · Bouctouche, NB E4S 3M5 · 1.800.565.3548 · www.fantech.ca

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