



Fire Protection Air Filters for Louvered Fan Guards

Fire-block meets stringent flame safety standards

Orion Fans' PyroCide vent panels are ideal for electronics enclosure applications that require stringent flame safety standards. The filters are aluminum honeycomb thermal barriers treated with a heat responsive intumescent flame coating for fire containment in electronics enclosures. Products are designed with thin profiles and configured with aluminum honeycomb to provide low resistance to airflow. Edge-to-edge venting requirements and intricate designs are combined with precision metal fabricated aluminum frames and housings.

SPECS:

- Aluminum honeycomb offered in 0.125" diameter
- Available filter thicknesses: 0.125" and 0.250"
- ASTM E-84 Class A rating

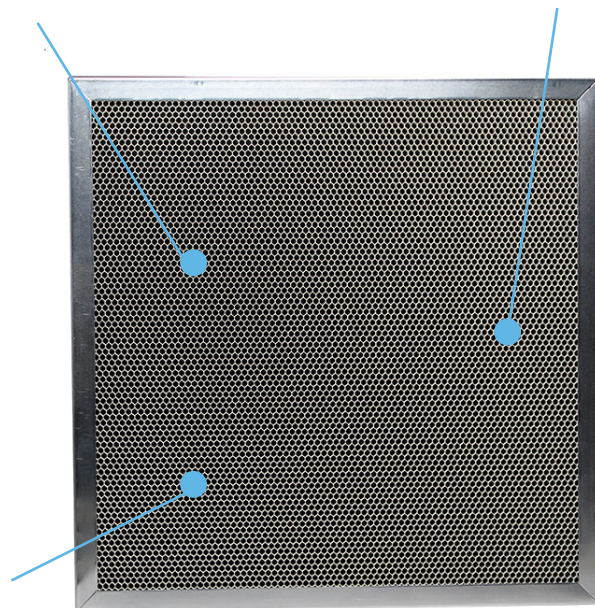
FUNCTIONS:

1. Heat responsive intumescent flame coating contains fire in electronics enclosures
2. Configured with aluminum honeycomb to provide low resistance to airflow
3. Meets edge-to-edge venting requirements and intricate designs with precision metal fabricated aluminum frames and housings

Thin coating in the honeycomb cell reacts to flame and expands rapidly to prevent flames from propagating through the vent panels

PyroCide coating has an ASTM E-84 Class A rating with low flame spread and low smoke index values

Thin profile and configured with aluminum honeycomb to provide low resistance to airflow





ORION FANS

FEATURES:

The PyroCide coating has an ASTM E-84 Class A rating with low flame spread and low smoke index values. A thin coating in the honeycomb cells reacts on exposure to flame and expands rapidly, to prevent flames from propagating through the vent panels.

APPLICATIONS:

PyroCide vent panels offer low resistance for maximum air flow when installed in a variety of indoor and outdoor equipment and electronics cooling applications where preventing fire from propagating is critical. PyroCide media can be installed in a roll-formed channel frame or precision-fabricated, low-profile frame with a variety of shapes and sizes for equipment with limited space.

INDUSTRIES:

PyroCide vent panels are designed for electronics enclosure applications serving the following industries:

- Communications - Telecom & Datacom
- Computer Networking
- Medical Instruments
- Military / Defense
- Industrial Machinery

MEDIA:

Honeycomb pattern of "cells" that are treated with a thin layer of heat responsive intumescent flame coating for fire containment in electronics enclosures. Honeycomb cells are open to allow for maximum airflow, and can be used in combination with other media (two-stage) and frame sizes.



Standards & Classifications

- Telcordia NEBS GR-63-CORE
- IEC
- CE
- RoHS

Orion's PyroCide filter combines with the High Density Foam filter for a complete two-stage fire block filtration system.

Orion Fans

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