purafil
Filtration Group®

PRODUCT BULLETIN

ELECTRONIC CABINET UNIT

The Purafil Electronic Cabinet Unit (ECU) by Purafil protects free-standing electronics and electric remote controls from the damaging effects of corrosive airborne contaminants. Designed for side mounting, the ECU cleans and recirculates air within the cabinet, while also pressurizing the space to prevent infiltration of contaminated air.



Localized Protection: The ECU provides localized protection of individual computers or electronic cabinets. The ECU is designed for cabinets measuring up to 100 ft^3 and delivers 100 cfm (170 m^3/hr) of clean air to the protected space.

Gas-Phase and Particulate Filtration: The ECU offers three stages of air filtration for maximum protection of electronic controls.
(1) A Prefilter to remove dust and other particulates.
(2) Purafil's Disposable MediaPAK™ Module to remove corrosive comtaminants.
(3) A Final Filter to polish air before it enters the protected space.

Easy Maintenance: The ECU comes standard with Purafil's Disposable MediaPAK™ Module. The module is factory-filled with Purafil's dry chemical media. Replacement is an easy, in-and-out procedure. No special tools or handling of the media is required.

Quiet Operation: The ECU is designed for quiet operation, preferable in control room environments.

Corrosion-Resistant: Ideal for harsh environments the ECU's blower is constructed of durable, corrosion-resistant plastic for low maintenance and a long service life.

Warranty Protection: The ECU provides corrosion-free air that conforms with the warranty requirements of most computer and electronic manufacturers.

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Common Contaminant Gases:

The ECU is effective is controlling hundreds of common contaminant gases, including:

- Hydrogen sulfide
- Sulfur dioxide
- Oxides of nitrogen
- Oxides of sulfur
- Methyl mercaptan
- Hydrocarbons
- Ammonia
- Chlorine compound

Standard Features:

- 100 CFM (170 m3/hr)
- 16” wide x 46” high x 14” deep (406 mm x 1168 mm x 356 mm)
- Prefilter and final filter for control of dust and particulates
- Purafil MediaPAK modules for control of corrosive gases

Optional Features:

- Cabinet paint colors to match computer or electronic cabinet
- Available in 316L Stainless Steel Construction

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