

# **JazzFM Fan Filter Module**

## **I. GENERAL**

- A. Unit shall provide 90 FPM (+ or - 10 FPM) vertical laminar air flow, and meet IES-RP2 Specifications for Laminar Air flow devices.
- B. Approved manufacturer shall be capable of producing a Fan Filter Module to the latest Federal Standard 209.

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## **II. CONSTRUCTION**

- A. Plenum construction shall be .063 aluminum, sealed air tight.
- B. Fan shall be motorized impeller, capable of delivering 720 CFM.
  - 1. *Fans shall be direct-drive with PSC motors.*
  - 2. *Nominal height of unit with prefilter shall be 12".*
  - 3. *Power requirements of unit: 1.1A, 115V, 60 Hz, Single Phase, or .55A, 230V, 50/60 Hz, Single Phase (277 volt also available).*
  - 4. *Estimated heat load per hour: 450 BTUs.*
- C. Filters:
  - 1. *HEPA filter efficiency shall be 99.99% on .3 micron.*
  - 2. *Optional ULPA filter efficiency shall be 99.9995% on .12 micron.*
  - 3. *HEPA filter frame shall be extruded aluminum and have a diamond perforated grille with white epoxy finish.*

## **III. STANDARD FEATURES**

- A. Six-point, quick-release latching system for easy HEPA replacement. Latches shall be offset in order to permit close grouping of multiple units.
- B. Seismic restraint tabs (4 total).
- C. Plenum is formed from one piece of aluminum so as to minimize seams and assure a positive seal.

## **IV. PRODUCT DATA**

- A. Structural drawings.
- B. Electrical schematic.
- C. Installation instructions.

## **V. SHIPPING**

- A. Units shall be packaged so as to be protected from the normal hazards of shipping.

**END OF SPECIFICATION**