
AirCare **GEL-SEAL TERMINAL MODULE**



- **Terminal mounting in cleanrooms**
- **Room-side-replaceable HEPA filter**
- **Quick-change HEPA filter**
- **Aluminium Construction**
 - **Light & corrosion resistant**
- **Faceguard**
- **HEPA or ULPA filter**

Application

AirCare Gel-Seal Terminal Modules are designed for air supply to cleanrooms. Terminal mounting of HEPA filters is recommended to eliminate contamination from ducting.

Description

The module frame and faceguard is constructed from extruded anodised aluminium for light weight and corrosion resistance. The HEPA or ULPA filter is a U-groove gel-seal type designed for an airtight seal with a knife-edge within the frame. The filter is locked in place via four corner pieces.

Quality

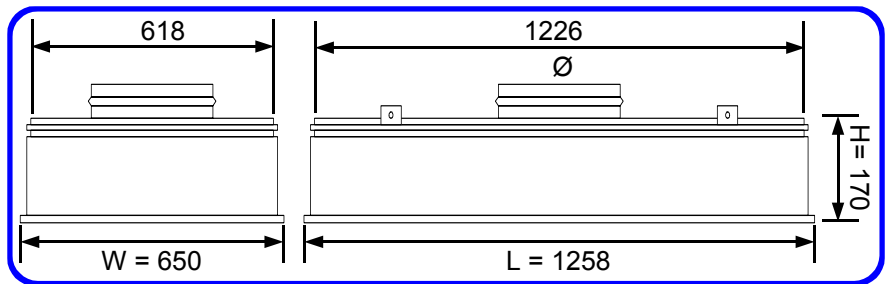
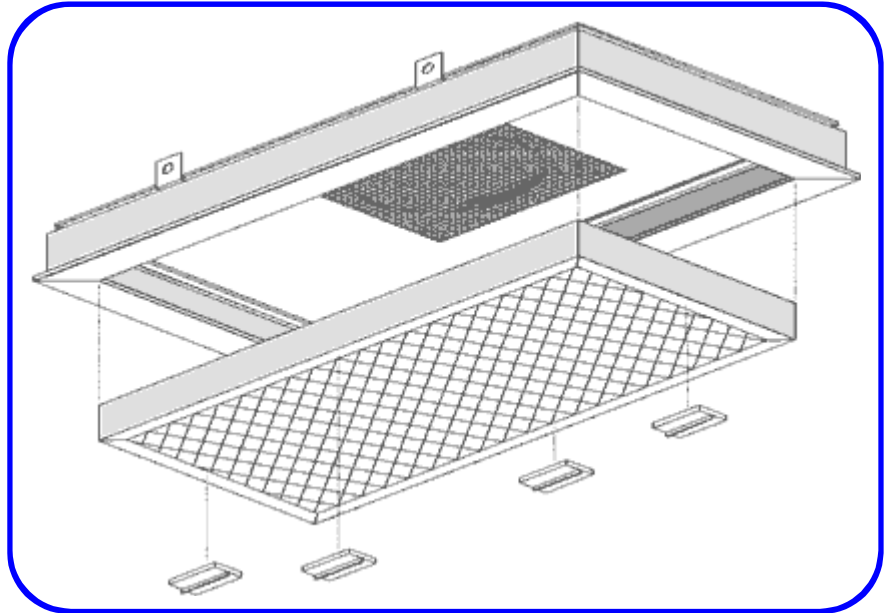
AirCare Gel-Seal Terminal Modules are manufactured in a cleanroom within an ISO 9002 accredited facility. Each filter is scanned to verify rated efficiency with no pin-hole leaks.

Mounting

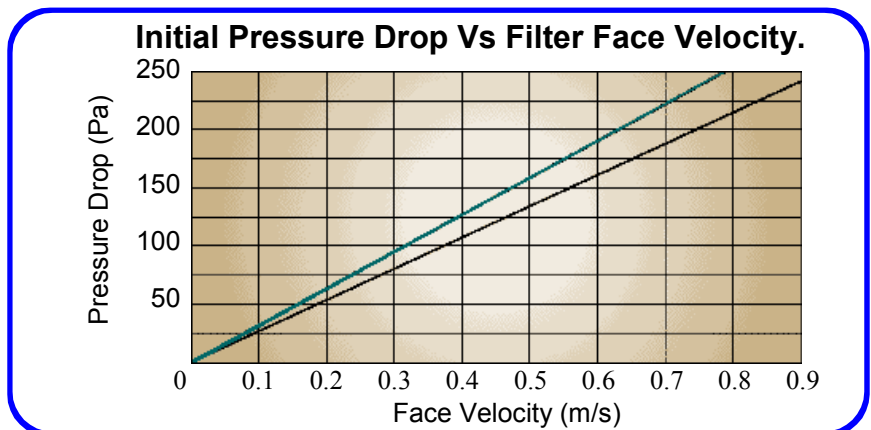
The modules may be installed into either T-Grid framework ceilings or other ceilings. They can be suspended or mounted to timber framing. Prefiltration of F7 efficiency is recommended.

Performance

The HEPA & ULPA filters are typically operated at face velocities from 0.35-0.6 m/s. They are rated for operation up to 65°C and 100% RH (non-condensing). Efficiencies of 99.99% against 0.3 micron particles (H13 HEPA) through to 99.9995% against 0.12 micron particles (U15 ULPA) are available. Standard stocked models are fitted with H14 HEPA filters.



Model	FI5730	FI5740
Module Dimensions	650 × 650 × 170 mm	650 × 1258 × 170 mm
Filter Dimensions	558 × 558 × 85 mm	558 × 1168 × 85 mm
Weight (incl. Filter)	13.5 kg	20kg
Airflow at 0.6m/s	185 L/s	390 L/s
Initial Pressure Drop (HEPA) at 0.6m/s	165 Pa	165 Pa



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Data Sheets:

E54107
 E54108
 E54102
 E54151