

Tri-Pure™ GSR² Terminal Modules



FEATURES

- Low profile
- Anodized extruded-aluminum frame
- Inlet collar (10" or 12")
- Adjustable distribution plate
- Knife-edge to accommodate gel-seal HEPA
- Filters replaceable room side
- Holds 53 mm mini-pleat HEPA/ULPA



DUCTED, ROOM-SIDE REPLACEABLE TERMINAL MODULES FOR CLEANROOMS

Tri-Dim Filter Corporation's Tri-Pure™ GSR² is a ducted terminal filter module that houses a room-side replaceable, gel-seal filter. Tri-Pure™ GSR² is designed for applications such as pharmaceutical or biotech, where easy, bypass-free filter change is required.

Tri-Pure GSR² modules are fabricated with an anodized extruded aluminum frame. The modules are lightweight and low profile with a depth of just 5.8" deep. Two standard sizes are available—23 x 23" and 23 x 47" to fit in a gasketed 1½" tee-grid installed on 24 x 24" or 24 x 48" centers.

Tri-Pure™ GSR² is available with either a 10 or 12-inch diameter ducted collar, which are crimped to easily and securely connect the flex duct.

A perforated aluminum distribution plate is fitted as standard on the downstream side of the inlet collar to distribute the air to the filter. The filter access port is accessible from the room-side, and allows for the adjustment of the distribution plate and to check for upstream concentrations of test challenges.

The Tri-Pure GSR² module has a knife-edge on the downstream side to penetrate and seal into the reverse perimeter, gel-filled channel located on the downstream side of the filter. The module has bolts mounted on the downstream side to penetrate through holes in the horizontal perimeter flange on the outside of gel track, with acorn nuts to secure the filter.

Tri-Pure™ GSR²

Technical Specification

The Tri-Pure GSR² utilizes a 3"-deep Tri-Pure panel filter that has a 53 mm minipleat media pack. The filter is available as either a 99.99% HEPA or 99.9995% ULPA. The filter frame is anodized extruded aluminum with a reverse-perimeter gel track and perimeter flange on the downstream side. The filter is supplied with a center divider that has an access port in the center for adjusting the distribution plate and measuring the upstream test challenge.

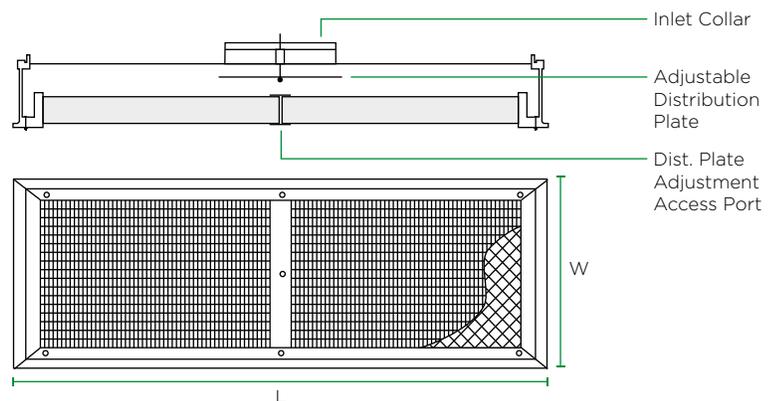
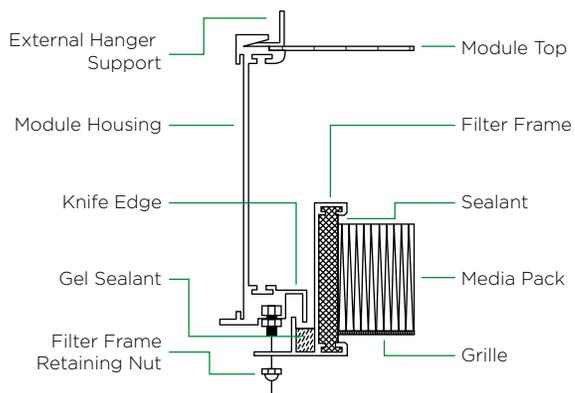
The filter is supplied with a painted expanded-metal grille on the downstream side, which serves as the protective grille for the unit once the filter is installed.

In addition to the GSR², Tri-Dim offers the Tri-Pure GSR gel seal replaceable hood—our premium module that offers a full range of features, including an optional aerosol injection port.



Tri-Pure panel filter showing the reverse perimeter gel seal track and flange used to mount in the module.

TRI-PURE™ GSR² DRAWING



Tri-Dim Filter Corporation is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

LOCAL REPRESENTATIVE