

# High Temperature Variflow Filter



## Variflow High Temperature Cartridge Filter Series

Variflow are a series of robust medium and high efficiency rigid cell side disposable filters for removal of atmospheric dust suitable for all HVAC applications ranging from industrial, commercial and Gas Turbines.

These filters have low initial resistance, high dust holding capacity, and a choice of efficiency ranges.

### Variflow Construction Features:

(All data, performance, and part numbers based on actual filter size of 592x592x292mm)  
**Galvanised Steel Cell Sides** with media retaining flanges and welded header. Variflow may be specified for either upstream or downstream service.

**Supported Rigid Media Pack** - Up to 14m<sup>2</sup> of pleated media surface area. Maximum surface area provides savings in operating costs and also reduced pressure drop

**Moisture resistant** - ultrafine microglassfibre paper media

**Media Separators** of crimped aluminium

**Glass Packing Sealant** for media behind retaining flanges absorbs shock yielding to motion yet maintaining positive seal. Eliminates shearing of media common with glued construction.

**UL Rated Class 1 Fire Resistant** - Listed by Underwriters laboratory - UL 900.

**Efficiency ranges** - Superfine spun glass fibre pleated media. 60-65%, 80-85%, 90-95% >98% efficiency per ASHRAE 52. Also available in 95%DOP.

**Unaffected by variable air volume** - well suited to variable volume systems.

**Other sizes and construction available**- E.G. Stainless Steel High temperature model, No Header frame. 150mm deep model & non standard sizes available on request

**Peripheral Header**- Available in 20 or 25mm with single or double header for extra support.

**Rated Air Volume**- 3400 m<sup>3</sup>/hour for a 592x 592 x 292mm size.

**Initial Resistance** – F6-125 pa, F7-138pa, F8-150pa F9-163pa, H10-180pa

**Final Resistance** - F6-300 pa, F7-325pa, F8-350pa F9-375pa, H10-400pa

**Maximum Temperature**- 250°Centigrade