

# Compact Hepa TFP

**VOKES**

*Filtration Technology™*

## Disposable HEPA filter module

### Application

This series of disposable HEPA module is designed to meet the rigorous requirements of pharmaceutical, research, life sciences, biotechnology, bio-medical and other industries which require exceptionally clean air.

### Specifications

Designed and developed to provide the cleanest air for products, personnel, and processes. The Vokes TFP disposable module is used in unidirectional and non-unidirectional air flow cleanrooms, laminar flow devices and HVAC systems. Constructed units contain mini-pleat HEPA filter elements, which meets or exceeds industry standards.

### Description

- 50 mm media pack provides the most cost-effective solution for all critical applications
- Low profile to fit low ceiling heights (150mm)
- Optimal combination of filter element depth and pleat density for low pressure drop and extend service life
- Multi-pleat filament separators provide consistent pleat spacing and a rigidised filter element to yield uniform airflow velocity distribution
- 99.995% (H14) HEPA filter efficiency to meet strict critical requirements
- Each filter is tested to assure leak free performance to AS4260 or equivalent international standards
- Designed to fit standard grid systems
- Modules are created for easy disposal when its final resistance has been reached



Drawing of 610mm x 1210mm TFP Module

- In-built separators eliminate “media-to-media” contact that can facilitate particle shedding
- Available in H14 HEPA filter efficiency

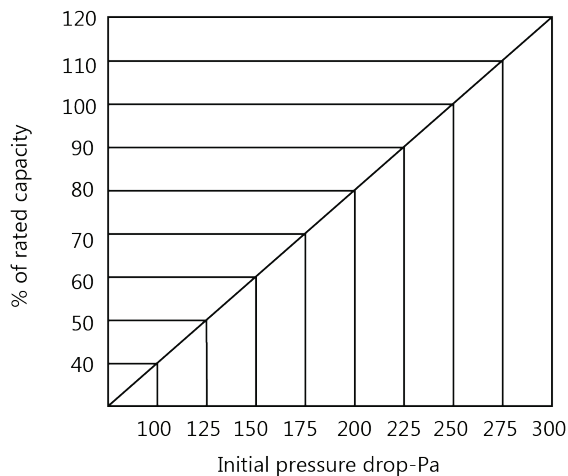
### Construction

- Heavy duty, light weight frames for rugged leak-free construction.
- High strength method of assembly minimises weight
- Rugged, polyurethane sealant completely encapsulates filter element to assure leak free media pack to frame bond.
- Material is flexible for shock adsorption and thermally/chemically stable to meet out-gassing requirements.
- Available with either a 250mm or 300mm spigot for connection to flexible duct
- Adjustable diffusion disc for uniform airflow distribution (0.5 m/s  $\pm$  20%)
- Supplied in a white epoxy powder coated or stainless steel facia grille (62% open. 22 gauge) protect filter media from damage, or stainless steel finish

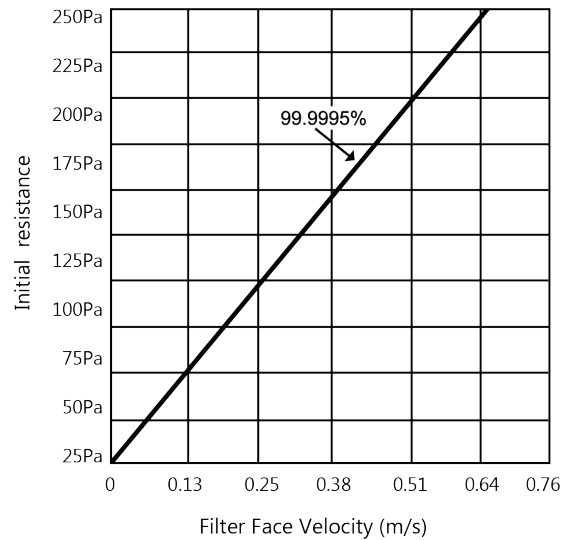
## Features

The TFP Disposable HEPA filter module features a Light-weight and compact design. This makes it easier for maintenance staff to handle, install and replace, when required.

**Initial Resistance /Airflow Characteristics**



**Resistance Vs. Velocity**  
product performance (measured without hood)



Please note: The data provided is for a size 610mm x 610mm HEPA filter and information is subject to change

## Specifications

Part Number	Nominal size (mm)	Nominal size (ft.)	Actual size (mm)	Inlet collar	Efficiency	Pressure drop / Airflow	Unit weight	Ship weight
2050207D	610 x 610	2' x 2'	602 x 602	10"	99.99% @0.3	125 Pa/ 0.34 m/s	9.5 kg	10.9 kg
2050307D	610 x 910	2' x 3'	602 x 905	10"	99.99% @0.3	125 Pa/ 0.43 m/s	15 kg	16.9 kg
2050407D	610 x 1210	2' x 4'	602 x 1219	12"	99.99% @0.3	125 Pa/ 0.52 m/s	15 kg	16.9 kg

\*Please note: Information subject to continuous review

## The Company

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In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.

