

## MERV 11, 13, 14 & 15

### *Ideal for use in*

- *Desert/Marine Environments*
- *Commercial/Industrial*
- *Hospitals/Health Care Facilities*



### WHY THE TITAN FP?

- State-of-the-art design and filtration
  - Rigid filter — high impact plastic frame, steel struts & nearly complete microglass media utilization
  - Lightweight design with patented built-in handle
  - Provides maximum air flow conditions
  - Aerodynamic construction minimizes or eliminates need for pre-filtration
  - Designed for use in constant and variable air volume (VAV) systems
- Superior filtration in normal to hostile environments
  - Excels in environments with 100% humidity
  - Performance unimpeded when intermittently exposed to water
  - Performs exceptionally in turbulent air flow or repeated fan shut downs
  - Ideal for desert & marine applications

## Filtration Group

HVAC



# TITAN FP FILTER



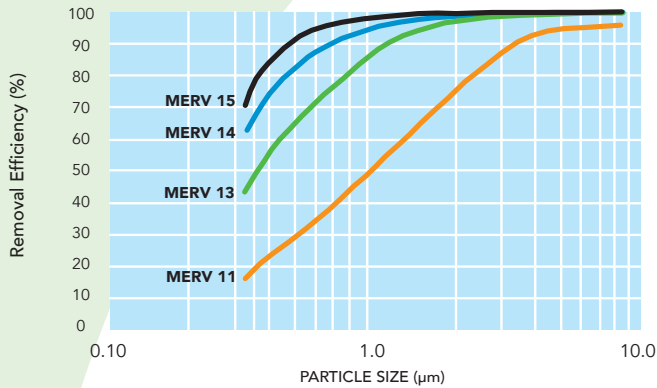
## TITAN FP PERFORMANCE DATA (fpm)

TITAN FP (24 X 24 X 12)	MERV 11			MERV 13			MERV 14			MERV 15		
Air Flow (cfm)	1500	2000	2500	1500	2000	2500	1500	2000	2500	1500	2000	2500
Initial Pressure Drop ("w.g.)	0.17	0.27	0.40	0.35	0.49	0.64	0.37	0.52	0.67	0.44	0.59	0.75

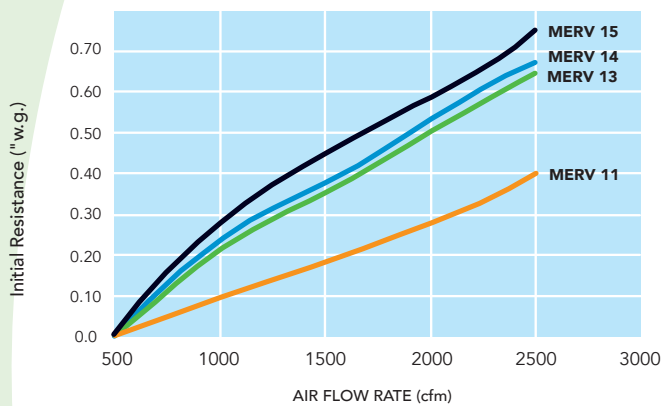
## TITAN FP DIMENSIONS

PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	SIZE	ACTUAL FILTER DIMENSIONS (H x W x D)	APPROX WEIGHT (lbs)	MEDIA AREA (sq. ft.)
MERV 11	MERV 13	MERV 14	MERV 15				
41254	41258	41263	41262	24 x 24 x 12	23 3/8 x 23 3/8 x 10 3/4	9	96
41252	41256	41265	41260	12 x 24 x 12	11 3/8 x 23 3/8 x 10 3/4	5.5	45

## EFFICIENCY PER ASHRAE 52.2 (24 X 24 X 12)



## NOMINAL AIR FLOW (24 X 24 X 12)



## TITAN FP ENGINEERING SPECIFICATIONS

### 1.0 General

- 1.1 Filters shall be Aerostar® Titan FP filters as manufactured by Filtration Group.
- 1.2 Filters shall be available in depths of 12" only.
- 1.3 Underwriters Laboratories classified to UL 900.
- 1.4 Filters are manufactured by an ISO 9001 registered company.

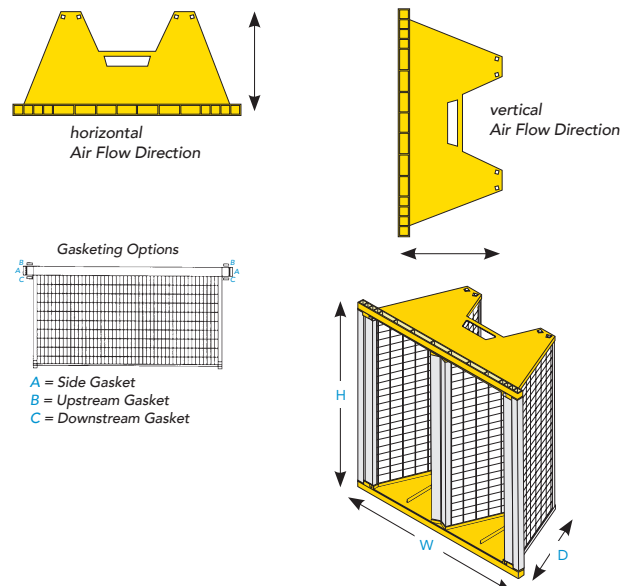
### 2.0 Filter Material of Construction

- 2.1 Media shall be wet-laid micro-fiberglass with separators to maintain pleat uniformity and spacing.
- 2.2 Frame shall be a high impact plastic with built in header on top and bottom and galvanized steel supports on front and back.
- 2.3 Media shall be adhered and sealed to frame using a rigid polyurethane.

### 3.0 Filter Performance

- 3.1 Filters shall be available as MERV 11, 13, 14 or 15 when tested in accordance with ASHRAE 52.2-2012 Test Standard.
- 3.2 For initial resistance of filters, see Performance Data chart above.
- 3.3 Filter shall be rated to withstand a continuous operating temperature up to 150°F.
- 3.4 Filters shall have a recommended final resistance of 1.5" w.g.

## AIR FLOW VERSATILITY



# Filtration Group

HVAC

Phone: 877-344-8326 • Fax: 800-518-1162  
 www.filtrationgroup.com  
 e-mail: aerostar@filtrationgroup.com  
 ISO 9001 Registered Company

