



**Dafco**  
Filtration Group®

## PRODUCT OVERVIEW

- MERV 11, 13, 14, 15 in both fiberglass and synthetic media
- Wet-laid micro-fiberglass or gradient density synthetic medias available
- Side gasketing available
- Max Temperature - 150°F
- Ideal for use in:
  - Desert/Marine Installations
  - Commercial/Industrial
  - Health Care/Government Facilities
  - Schools/Universities
  - Airports



## TITAN FP and TITAN FP-S

### WHY THE TITAN FP or TITAN FP-S?

- State-of-the-art design and filtration
  - Rigid filter with high impact plastic frame, steel struts & nearly complete media utilization
  - Lightweight design with patented built-in handle
  - Provides maximum air flow conditions
  - Maximum flow rate of 625 fpm
  - Aerodynamic construction minimizes or eliminates need for pre-filtration
- 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
  - Designed for use in constant and variable air volume (VAV) systems
  - Ideal for desert & marine applications



# TITAN FP and TITAN FP-S

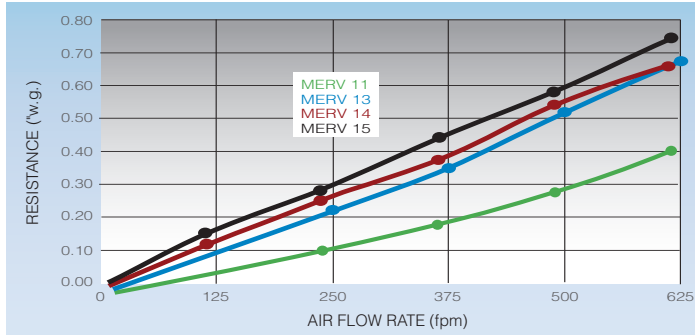
TITAN FP – PERFORMANCE DATA (24 x 24 x 12)

MEDIA	MERV	INITIAL RESISTANCE (*w.g.)			FINAL RESISTANCE (*w.g.)
		375 fpm	500 fpm	625 fpm	
Fiberglass	11	0.18	0.28	0.40	1.5
	13	0.35	0.51	0.68	1.5
	14	0.37	0.52	0.67	1.5
	15	0.44	0.59	0.75	1.5

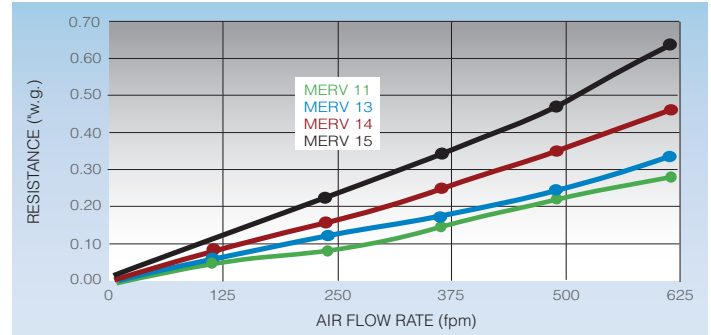
TITAN FP-S – PERFORMANCE DATA (24 x 24 x 12)

MEDIA	MERV	INITIAL RESISTANCE (*w.g.)			FINAL RESISTANCE (*w.g.)
		375 fpm	500 fpm	625 fpm	
Synthetic	11	0.14	0.21	0.29	1.5
	13	0.17	0.24	0.33	1.5
	14	0.25	0.35	0.46	1.5
	15	0.34	0.48	0.64	1.5

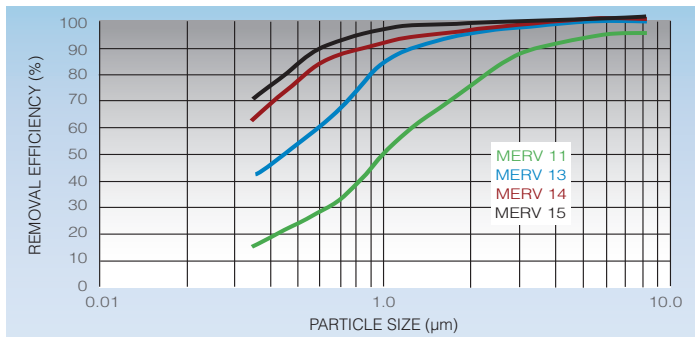
TITAN FP – INITIAL RESISTANCE (24 x 24 x 12)



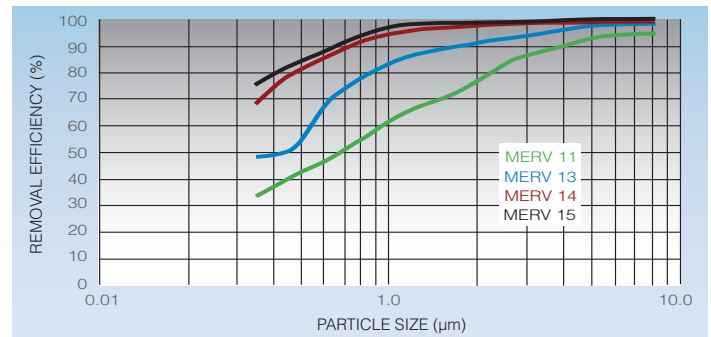
TITAN FP-S – INITIAL RESISTANCE (24 x 24 x 12)



TITAN FP – MINIMUM REMOVAL EFFICIENCY (24 x 24 x 12)



TITAN FP-S – MINIMUM REMOVAL EFFICIENCY (24 x 24 x 12)



## PRODUCT DATA

TITAN FP (FIBERGLASS MEDIA) – PART NUMBER				NOMINAL SIZE (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	APPROX. WEIGHT (LBS.)	MEDIA AREA (SQ. FT.)
MERV 11	MERV 13	MERV 14	MERV 15				
41252	41256	41265	41260	12 x 24 x 12	11 3/8 x 23 3/8 x 10 3/4	5.5	45
41514	41515	41516	761965	20 x 24 x 12	19 3/8 x 23 3/8 x 10 3/4	7.5	81
41254	41258	41263	41262	24 x 24 x 12	23 3/8 x 23 3/8 x 10 3/4	9	97

TITAN FP-S (SYNTHETIC MEDIA) – PART NUMBER				NOMINAL SIZE (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	APPROX. WEIGHT (LBS.)	MEDIA AREA (SQ. FT.)
MERV 11	MERV 13	MERV 14	MERV 15				
4611122412	4613122412	4614122412	4615122412	12 x 24 x 12	11 3/8 x 23 3/8 x 10 3/4	4.7	35
4611202412	4613202412	4614202412	4615202412	20 x 24 x 12	19 3/8 x 23 3/8 x 10 3/4	6.6	63
4611242412	4613242412	4614242412	4615242412	24 x 24 x 12	23 3/8 x 23 3/8 x 10 3/4	8.2	77

## ENGINEERING SPECIFICATIONS

### 1.0 General

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

- Filter frames shall have preformed locations for both prefilter clips and final filter clips to be attached.
- Filter frames shall have preformed handles on the air leaving side to aid in installation and to reduce the chances of media damage due to handling.

### 2.0 Filter Materials of Construction

- Media shall be wet-laid micro-fiberglass or gradient density synthetic media with hot melt separators to maintain pleat uniformity and spacing.
- Frame shall be a high impact plastic with built-in header on top and bottom and galvanized steel supports on front and back.
- Media shall be adhered and sealed to frame using a rigid polyurethane.

### 3.0 Filter Performance

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