

Aero-Answer Wing-Pleat Medium / High Efficiency Filter

AERO-ANSWER WING-PLEAT



- Up to three times longer service life than comparable products with the same depth (292mm)
- Easy media cartridge replacement with re-usable frames
- Media may be incinerated after use, reducing industrial waste
- 15 mm depth pre-filters may be supplemented to the upstream face
- May also be used to remove sea salt particles (90%+ Efficiency)
- Downstream cartridge replacement type also available

Model	4AAVP□-□□□□-□
Test Method	JIS B 9908 Light Scattering Integration
Average Efficiency	98%+ / 90-95%+ , 60-65%

Model Designators

4AAVP□-□□□□-□

Frame Material Designator
(See Component Materials / Usage Specifications table)

No Designator: Galvanized Steel
SR: Stainless Steel
B: Galvanized Steel
BSR: Stainless Steel

Media Cartridge Type:
No Designator: 1V (Standard)
A: 2V (Long Service Life)

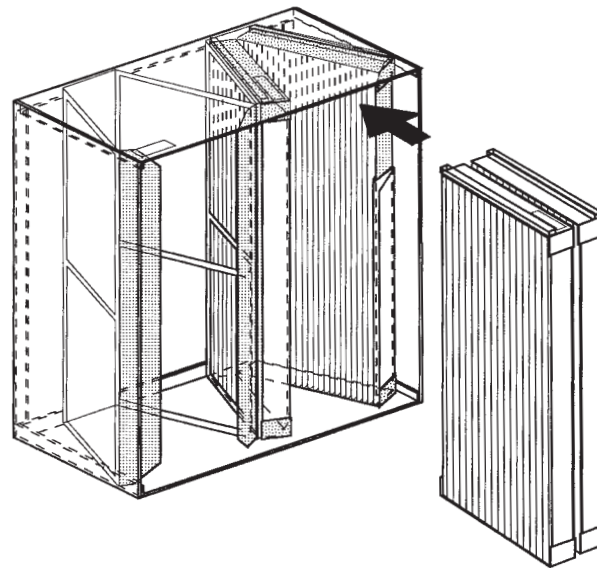
Size Designator
F: 610H x 610W
V: 610H x 305W
H: 305H x 610W

Rated Airflow
Volume Designator
(See Standard Specifications Table)

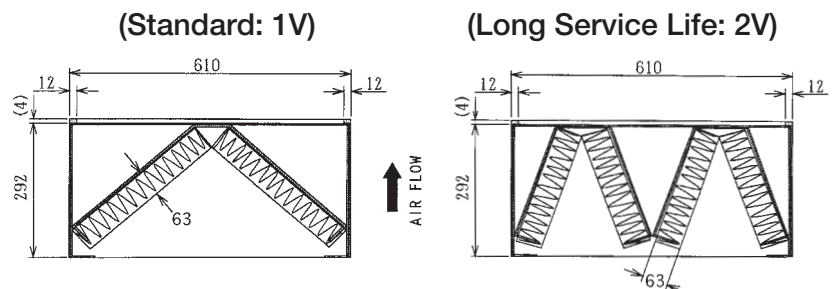
Efficiency
98: 98%+
9: 90-95%+
6: 60-65%

Aero-Answer Wing-Pleat (Frame + Pack) Designator
Media Cartridge only: AAVP□-□□□□
Frame only: 4VP- □□□□

Media Cartridge Replacement



Media Cartridge Installation



Standard Specifications

Model	Rated Airflow Volume (m ³ /min)	Pressure Drop (Pa)		External Dimensions (mm)			Average Efficiency (%)	Weight (kg)
		Initial Max	Final	Height	Width	Depth		
4AAVP6-70FA	70	100	245	610	610	292*	60-65	2.2
4AAVP6-56F/FA	56	1V: 78		610	610			1.3/2.1
4AAVP6-28V/VA	28	2V: 69		610	305			0.7/1.1
4AAVP6-28H/HA	28			305	610			0.7/1.2
4AAVP9-70FA	70	125	294	610	610	292*	90-95	2.5
4AAVP9-56F/FA	56	1V: 98		610	610			1.5/2.4
4AAVP9-28V/VA	28	2V: 78		610	305			0.8/1.2
4AAVP9-28H/HA	28			305	610			0.8/1.4
4AAVP98-70FA	70	145	294	610	610	292*	98+	2.5
4AAVP98-56F/FA	56	1V: 130		610	610			1.5/2.4
4AAVP98-28V/VA	28	2V: 100		610	305			0.8/1.2
4AAVP98-28H/HA	28			305	610			0.8/1.4

Media Cartridges

Model	Frame (mm)			
	Height	Width	Depth	
AAVP□-70FA	603	274 x 4	63	
AAVP□-56F	603	344 x 2		
AAVP□-56FA		274 x 4		
AAVP□-28V	603	344 x 1		
AAVP□-28VA		274 x 2		
AAVP□-28H	298	344 x 2		
AAVP□-28HA		274 x 4		

Frames

Model	Frame (mm)			
	Height	Width	Depth	
4VP-F-□	610	610	292*	
4VP-FA-□				
4VP-V-□	610	305		
4VP-VA-□				
4VP-H-□	305	610		
4VP-HA-□				

□:Frame Type

Component Materials / Usage Specifications

Model		No Designator	SR	B	BSR
Component Materials	Media	Non-Woven Media			
	Frame	Fire Resistant Paper			
	Sealant	Hot Melt Resin			
	Gasket	Frame: Chloroprene		—	
		Media Cartridge: Urethane			
Holding Frame	Galvanized Steel	Stainless Steel	Galvanized Steel	Stainless Steel	
Specifications	Depth (mm)	292		*	
	Linkable	—		✓	
	Pre-Filter Installable	—		✓	
Usage Specifications	Max. Temperature (°C)	60			
	Max. Peak Humidity (%RH at 0 Condensation)	85			

*B and BSR Types; Please contact us regarding dimensions