

# Double Body Screen Filters

3"






## Features

- Flow passes through inside to outside of screen cartridge.
- Uniform distribution of flow into filter housing optimizes the filtration process.
- Threaded brass insert, 4 pressure ports for increasing operational life of the filter.
- Double mesh provides extra strength to avoid damage to 120 mesh screen.
- Both barrels equipped with 3/4" female threaded connection for easy drainage.
- Inside design of screen cartridge facilitates easy cleaning by brush.

Specifications	AQ-526D	
	US Standard	Metric Standard
Inlet/outlet connection	3" NPT male thread	3" BSP Male Thread
Max. Working Pressure (PPGF Filter)	110 Psi	8 kg/cm <sup>2</sup>
Max. Working Pressure (PA Filter)	145 Psi	10 kg/cm <sup>2</sup>
Range of Flow Rate	198-264 GPM	45-60 m <sup>3</sup> /h
Nominal Flow Rate	220 GPM	50 m <sup>3</sup> /h
Filtration Surface area	162.44 in <sup>2</sup>	1048 cm <sup>2</sup>
Material of Construction	Glass Filled Polypropylene/ Polyamide	
Screen Material	Stainless Steel SS-316	Stainless Steel SS-316
Cartridge Diameter (With O-ring)	4.8 in	122 mm
Cartridge Length	11.2 in x 2	284 mm x 2
Available Mesh	80, 120, 150 mesh	80, 120, 150 mesh

## Filtering Element

80 Mesh	
120 Mesh	
150 Mesh	

Head Loss : AQ-126D					
Flow, m <sup>3</sup> /h	36	45	50	60	72
Pressure Loss, kg/cm <sup>2</sup>	0.09	0.14	0.19	0.27	0.36
Flow, GPM	158.4	198	220	264	316.8
Pressure Loss, Psi	1.28	1.99	2.70	3.83	5.11