

# Double Body Disc Filters

3"






## Features

- Robust design.
- Disc housing fan generates hydro cyclonic effect that reduces cleaning frequency.
- Grooved disc design provides high filtration efficiency.
- Uniform distribution of flow into filter housing optimizes filtration process.
- 3/4" Drain Ball Valve & end plugs supplied along with the filter.

Specifications	AQ-136D	
	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	272.2 in <sup>2</sup>	1756 cm <sup>2</sup>
Material of Construction	Glass Filled Polypropylene/ Polyamide	
Material of Disc	Polypropylene disc	Polypropylene disc
Cartridge Diameter	4.8 in	122 mm
Cartridge Length	12 in x 2	305mm x 2
Available Mesh	80, 120, 150 mesh	80, 120, 150 mesh

### Filtering Element

80 Mesh	
120 Mesh	
150 Mesh	

Head Loss : AQ -136D					
Flow, m <sup>3</sup> /h	36	45	50	60	72
Pressure Loss, kg/cm <sup>2</sup>	0.14	0.21	0.24	0.32	0.47
Flow, GPM	158.4	198	220	264	316.8
Pressure Loss, Psi	1.99	2.98	3.41	4.54	6.67