

Semi - Automatic Disc Filter

2"






Features

- Flow passes through outside to Inside of Disc cartridge.
- Uniform distribution of flow into filter housing optimize filtration process.
- Filter designed for Pressure rating PN8 (8bar) / PN10 (10bar)
- Disc cartridge enabled with spring loaded for full compression of disc and loosen during cleaning.
- Filter with Clogging indicator, Red pop up comes out at 0.6 kg/cm² pressure differential, indicates end user to clean filter manually.
- During cleaning operation, all inlet water passes through the pipe, and water jets removes dirt from the discs.
- Handle for 90 degree rotation for cleaning of disc without dismantling of filter.

Specifications	AQ-134T-SAD	
	US Standard	Metric Standard
Inlet/outlet connection	2" NPT male thread	2" BSP Male Thread
Max. Working Pressure (PPGF Filter)	110 Psi	8 kg/cm ²
Max. Working Pressure (PA Filter)	145 Psi	10 kg/cm ²
Range of Flow Rate	79-120 GPM	18-27 m ³ /h
Nominal Flow Rate	110 GPM	25 m ³ /h
Filtration Surface area	167.4 in ²	1080 cm ²
Material of Construction	Glass Filled Polypropylene/ Polyamide	
Material of Disc	Polypropylene disc	Polypropylene disc
Cartridge Diameter	4.8 in	122 mm
Cartridge Length	14.8 in	375mm
Available Mesh	80, 120, 150 mesh	80, 120, 150 mesh

Filtering Element

80 Mesh	
120 Mesh	
150 Mesh	

Head Loss : AQ -134T-SAD					
Flow, m ³ /h	14.4	18	25	27	32
Pressure Loss, kg/cm ²	0.11	0.17	0.31	0.36	0.51
Flow, GPM	63.4	79.2	110.0	118.8	140.8
Pressure Loss, Psi	1.56	2.41	4.40	5.11	7.24