

# Y Type Disc Filters

2"



AQ-134YS



AQ-134Y

Specifications	AQ-134YS		AQ-134Y	
	US Standard	Metric Standard	US Standard	Metric Standard
Inlet/outlet connection	2" NPT male thread	2" BSP male thread	2" NPT male thread	2" BSP male thread
Max. Working Pressure (PPGF Filter)	110 Psi	8 kg/cm <sup>2</sup>	110 Psi	8 kg/cm <sup>2</sup>
Max. Working Pressure (PA Filter)	145 Psi	10 kg/cm <sup>2</sup>	145 Psi	10 kg/cm <sup>2</sup>
Range of Flow Rate	79-97 GPM	18-22 m <sup>3</sup> /h	79-120 GPM	18-27 m <sup>3</sup> /h
Nominal Flow Rate	88 GPM	20 m <sup>3</sup> /h	110 GPM	25 m <sup>3</sup> /h
Filtration Surface area	63.4 in <sup>2</sup>	409 cm <sup>2</sup>	78.7 in <sup>2</sup>	508 cm <sup>2</sup>
Material of Construction	Glass Filled Polypropylene/ Polyamide		Glass Filled Polypropylene/ Polyamide	
Screen Material	Polypropylene disc	Polypropylene disc	Polypropylene disc	Polypropylene disc
Cartridge Diameter (With O-ring)	2.81 in	71.5 mm	4.37 in	111 mm
Cartridge Length	10.2 in	258 mm	11.5 in	292 mm
Available Mesh	120 mesh	120 mesh	120 mesh	120 mesh

Head Loss : AQ -134YS					
Flow, m <sup>3</sup> /h	14.4	18	20	22	26.4
Pressure Loss, kg/cm <sup>2</sup>	0.23	0.33	0.46	0.47	0.65
Flow, GPM	63.4	79.2	88.0	96.8	116.2
Pressure Loss, Psi	3.27	4.69	6.53	6.67	9.23

Head Loss : AQ -134Y					
Flow, m <sup>3</sup> /h	14.4	18	25	27	32.4
Pressure Loss, kg/cm <sup>2</sup>	0.11	0.14	0.28	0.32	0.45
Flow, GPM	63.4	79.2	110.0	118.8	142.6
Pressure Loss, Psi	1.56	1.99	3.98	4.54	6.39

## Filtering Element

120 Mesh



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