

Y Type Screen Filters

AQ-123YF



AQ-123Y



Specifications	AQ-123YF		AQ-123Y	
	US Standard	Metric Standard	US Standard	Metric Standard
Inlet / outlet	1 1/4" NPT Female	1 1/4" BSP Female	1 1/2" NPT	1 1/2" BSP
Maximum Operating Pressure	110 PSI	8 Kg/cm ²	110 PSI	8 Kg/cm ²
Range of Flow Rate	50-70 GPM	12-16 m ³ /hr	50-70 GPM	12-16 m ³ /hr
Nominal Flow Rate	65 GPM	15m ³ /hr	65 GPM	15m ³ /hr
Filtration Surface Area	46 in ²	295cm ²	46 in ²	295cm ²
Material of Construction	Polypropylene Glass Reinforced		Polypropylene Glass Reinforced	
Filtering Cartridge	304/316 Grade Stainless Steel Screen		304/316 Grade Stainless Steel Screen	
Cartridge Diameter	2.7 Inches	69mm	2.7 Inches	69mm
Cartridge Length	8.7 Inches	222mm	8.7 Inches	222mm
Available Mesh	80, 120, 150	80, 120, 150	80, 120, 150	80, 120, 150

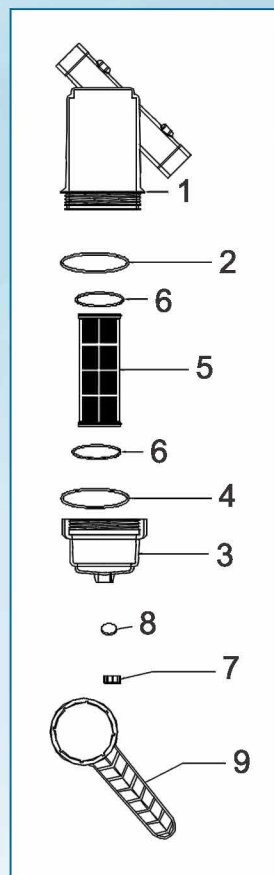
Filtering Element



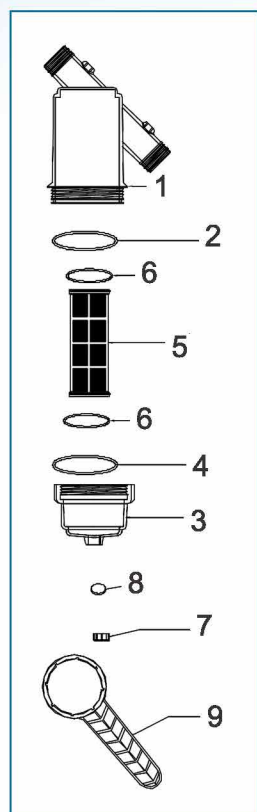
Flow Loss					
Flow m ³ /hr	9.6	12	15	16	19.2
Pressure Loss kg/cm ²	0.06	0.10	0.12	0.15	0.20
Flow GPM	42.0	50.0	65.0	70.0	85.0
Pressure Loss PSI	0.85	1.32	1.65	2	2.832

Flow Loss					
Flow m ³ /hr	9.6	12	15	16	19.2
Pressure Loss kg/cm ²	0.11	0.15	0.2	0.22	0.28
Flow GPM	42.0	50.0	65.0	70.0	85.0
Pressure Loss PSI	1.52	1.92	2.71	3.10	4.06

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1 1/4" FEMALE TYPE Screen Filter (Model 123 YF - 15 m³/hr)				
AIPL CODE	DESCRIPTION	INLET/OUTLET	CONNECTION SIZE	MICRON /MESH
14140006	1 1/4" Screen Filter Y - Type 120 Mesh	Female Thread NPT	1 1/4"	130/120
14140007	1 1/4" Screen Filter Y - Type 120 Mesh	Female Thread BSP	1 1/4"	130/120
SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread) Without Hole	12490059	Glass reinforced PP	1
	Body (NPT Thread) Without Hole	12490060		
2	Body o-ring	50010050	NBR	1
3	Cap	12490063	Glass reinforced PP	1
4	Cap Gasket	50030025	NBR	1
5	Screen Cartridge (80 Mesh) Black	12490066	Glass reinforced PP	1
	Screen Cartridge (120 Mesh) Blue	12490064		
	Screen Cartridge (150 Mesh) Red	12490065		
6	Cartridge O-Ring	50010082	NBR	1
7	3/4" End Cap	12490057	PA	1
8	End Cap Washer	50020003	NBR	1
9	Spanner (Key)	12490114	Glass reinforced PP	1



1 1/2" Screen Filter (Model 123 Y - 15 m³/hr)				
AIPL CODE	DESCRIPTION	INLET/OUTLET	CONNECTION SIZE	MICRON /MESH
14310003	1 1/2" Screen Filter Y - Type 120 Mesh	Male Thread NPT	1 1/2"	130/120
14040003	1 1/2" Screen Filter Y - Type 120 Mesh	Male Thread BSP	1 1/2"	130/120
SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread) Without Hole	12490059	Glass reinforced PP	1
	Body (NPT Thread) without Hole	12490060		
2	Body O-Ring	50010050	NBR	1
3	Cap	12490063	Glass reinforced PP	1
4	Cap Gasket	50030025	NBR	1
5	Screen Cartridge (80 Mesh) Black	12490066	Glass reinforced PP	1
	Screen Cartridge (120 Mesh) Blue	12490064		
	Screen Cartridge (150 Mesh) Red	12490065		
6	Cartridge O-Ring	50010082	NBR	1
7	3/4" End Cap	12490057	PA	1
8	End Cap Washer	50020003	NBR	1
9	Spanner (Key)	12490114	Glass reinforced PP	1