

T Type Screen Filters

AQ-124T(HC)



Max. Operating Pressure	6 Kg/cm ²
Clamp Material	Nylon Reinforced
Vacuum Breaker	For upside up installation
Drain port location	Front of the filter Body
Flow passes through outside to inside screen filter mesh.	

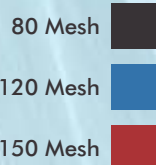
AQ-124T



Max. Operating Pressure	8 Kg/cm ²
Clamp Material	Stainless Steel
Vacuum Breaker	Not fit with this design
Drain port location	Below the Filter barrel
Flow passes through inside to outside screen filter mesh.	

Specifications	AQ-124T(HC)		AQ-124T	
	US Standard	Metric Standard	US Standard	Metric Standard
Inlet / outlet	2" NPT Female thread	2" BSP male thread	2" NPT male thread	2" BSP male thread
Max. Operating Pressure	85Psi	6 kg/cm ²	110 Psi	8 kg/cm ²
Range of Flow Rate	85 - 120 GPM	20 - 27 m ³ /h	85 - 120 GPM	20 - 27 m ³ /h
Nominal Flow Rate	110 GPM	25 m ³ /h	110 GPM	25 m ³ /h
Filtration Surface Area	74.4 in ²	480 cm ²	85.8 in ²	554 cm ²
Material of Construction	Rainforced Polypropylene		Rainforced Polypropylene	
Filtering Cartridge	Stainless Steel SS-316		Stainless Steel SS-316	
Cartridge Diameter	4.8 in	122 mm	4.8 in	122mm
Cartridge Length	9.92 in	252 mm	9.92 in	252 mm
Available Mesh	80, 120, 150 mesh	80, 120, 150 mesh	80, 120, 150 mesh	80, 120, 150 mesh

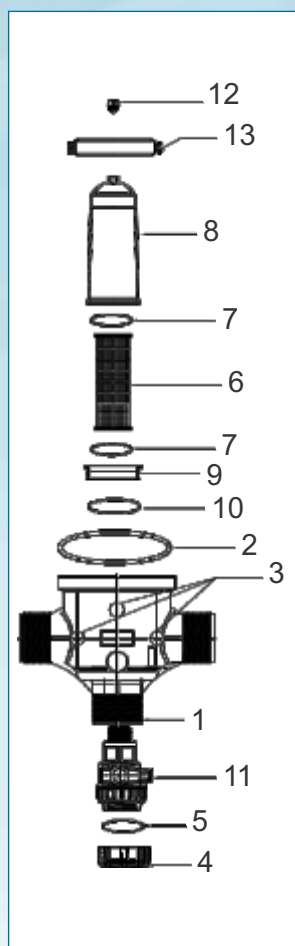
Filtering Element



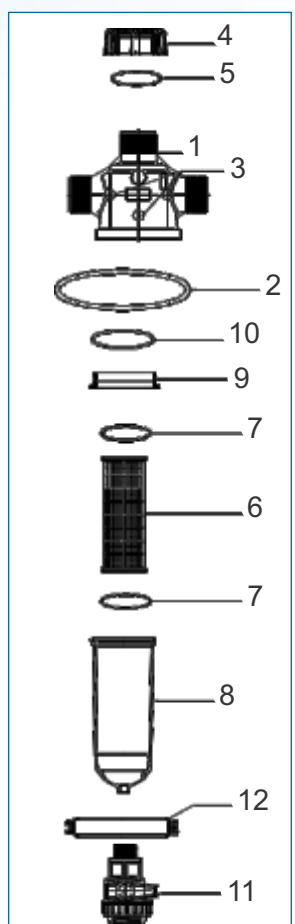
Head Loss : AQ-124T(HC)						
Flow m ³ /hr	16	20	25	27	32.4	
Pressure Loss kg/cm ²	0.03	0.08	0.15	0.17	0.20	
Flow GPM	70.0	85.0	110.0	120.0	142.0	
Pressure Loss PSI	0.43	0.97	2.13	2.48	2.84	

Head Loss : AQ-124T						
Flow m ³ /hr	16	20	25	27	32.4	
Pressure Loss kg/cm ²	0.03	0.08	0.18	0.21	0.27	
Flow GPM	70.0	85.0	110.0	120.0	142.0	
Pressure Loss PSI	0.28	0.97	2.56	3.11	3.72	

T Type Screen Filters



2" Screen Filter (Model 124 T(HC) - 25 m³/hr)				
AIPL CODE	DESCRIPTION	INLET/OUTLET	CONNECTION SIZE	MICRON /MESH
14320019	2" Screen Filter T Type (with Hybrid Clamp)120mesh	Male Thread NPT	2"	130/120
14050080	2" Screen Filter T Type (with Hybrid Clamp)120mesh	Male Thread BSP	2"	130/120
14460001	2" Screen Filter T Type (with Hybrid Clamp)120mesh	Victaulic Connection	2"	130/120
SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread)	12490023	Glass reinforced PP	1
	Body (NPT Thread)	12490101		
	Body (Victaulic Connection)	12490104		
2	Gasket	50030031	NBR	1
3	Brass Bush	50100033	Brass	3
4	End Cap (BSP Thread)	12490027	Glass reinforced PP	1
	End Cap (NPT Thread)	12490028		
5	End cap O-Ring	50010043	NBR	1
6	SS-316 Screen Cartridge Single Mesh 80 - Black	12490171	Glass reinforced PP	1
	SS-316 Screen Cartridge Single Mesh120 - Blue	12490183		
	SS-316 Screen Cartridge Single Mesh150 - Red	12490184		
7	Cartridge O-Ring	50010040	NBR	2
8	Barrel	12490008	Glass reinforced PP	1
9	Adopter	12490019	Glass reinforced PP	1
10	Adopter O-Ring	50010087	NBR	1
11	3/4"x3/4" Fxm Ball Valve	19070001	PP	1
12	3/4" Vacuum Breaker	25100051	Glass reinforced PP	1
13	Hybrid Clamp Assly (ss Long Handle)	14050038	Glass reinforced PA	1



2" Screen Filter (Model 124 T - 25 m³/hr)				
AIPL CODE	DESCRIPTION	INLET/OUTLET	CONNECTION SIZE	MICRON /MESH
14310007	2" Screen Filter T-Type (With SS Clamp) 120 Mesh	Male Thread NPT	2"	130/120
14100002	2" Screen Filter T-Type (With SS Clamp) 120 Mesh	Male Thread BSP	2"	130/120
14450001	2" Screen Filter T-Type (With SS Clamp) 120 Mesh	Victaulic Connection	2"	130/120
SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread)	12490023	Glass reinforced PP	1
	Body (NPT Thread)	12490101		
	Body (Victaulic Connection)	12490104		
2	Gasket	50030031	NBR	1
3	Brass Bush	50100033	Brass	3
4	End Cap (BSP Thread)	12490027	Glass reinforced PP	1
	End Cap (NPT Thread)	12490028		
5	End cap O-Ring	50010043	NBR	1
6	SS-316 Screen Cartridge Double Mesh 30/80 - Black	12490029	Glass reinforced PP	1
	SS-316 Screen Cartridge Double Mesh 30/120 - Blue	12490031		
	SS-316 Screen Cartridge Double Mesh 30/150 - Red	12490032		
7	Cartridge O-Ring	50010040	NBR	2
8	Barrel	12490008	Glass reinforced PP	1
9	Adopter	12490019	Glass reinforced PP	1
10	Adopter O-Ring	50010087	NBR	1
11	3/4"x3/4" Fxm Ball Valve	19070001	PP	1
12	SS Clamp (Long Handle)	14010060	SS 304	1