

# T Type Screen Filters

## AQ-125T(HC)



Max. Operating Pressure	6 Kg/cm <sup>2</sup>
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.	

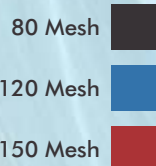
## AQ-125T



Max. Operating Pressure	8 Kg/cm <sup>2</sup>
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-125T(HC)		AQ-125T	
	US Standard	Metric Standard	US Standard	Metric Standard
Inlet / outlet	2 1/2" NPT male thread	2 1/2" BSP male thread	2 1/2" NPT male thread	2 1/2" BSP male thread
Max. Operating Pressure	85Psi	6 kg/cm <sup>2</sup>	110 Psi	8 kg/cm <sup>2</sup>
Range of Flow Rate	120 - 155 GPM	27 - 35 m <sup>3</sup> /h	120 - 155 GPM	27 - 35 m <sup>3</sup> /h
Nominal Flow Rate	130 GPM	30 m <sup>3</sup> /h	130 GPM	30 m <sup>3</sup> /h
Filtration Surface Area	74.4 in <sup>2</sup>	480 cm <sup>2</sup>	85.8 in <sup>2</sup>	554 cm <sup>2</sup>
Material of Construction	Rainforced Polypropylene		Rainforced Polypropylene	
Screen Material	Stainless Steel SS-316		Stainless Steel SS-316	
Cartridge Diameter	4.8 in	122 mm	4.8 in	122 mm
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



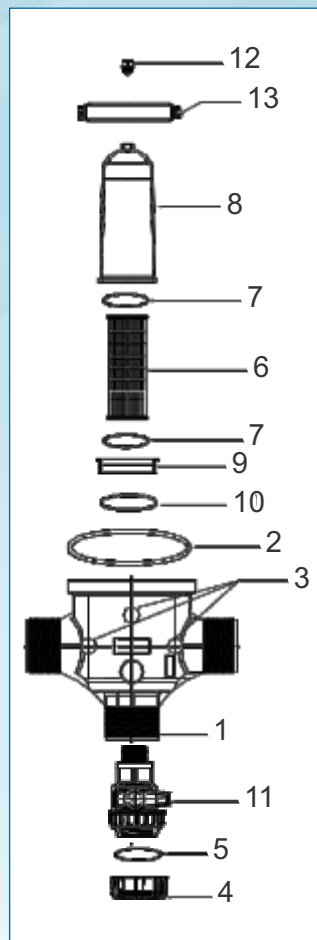
### Head Loss : AQ-125T(HC)

Flow m <sup>3</sup> /hr	21.6	27	30	35	42
Pressure Loss kg/cm <sup>2</sup>	0.06	0.10	0.15	0.20	0.28
Flow GPM	95.0	115.0	132.0	155.0	185.0
Pressure Loss PSI	0.85	1.22	2.13	2.94	3.98

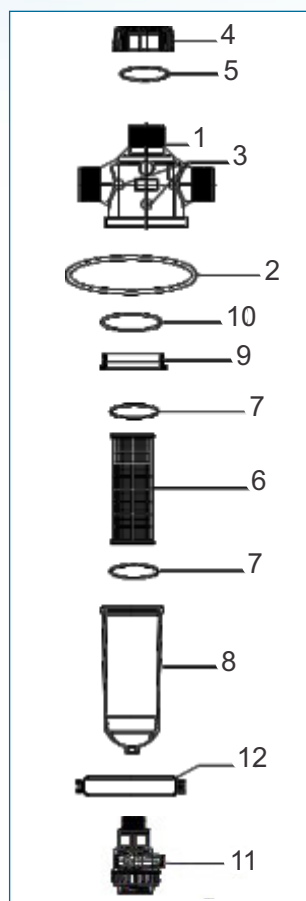
### Head Loss : AQ-125T

Flow m <sup>3</sup> /hr	21.6	27	30	35	42
Pressure Loss kg/cm <sup>2</sup>	0.08	0.14	0.18	0.24	0.33
Flow GPM	95.0	115.0	132.0	155.0	185.0
Pressure Loss PSI	1.14	1.66	2.56	3.51	4.72

# T Type Screen Filters



2 1/2" Screen Filter (Model 125 T(HC) - 30 m³/hr)				
AIPL CODE	DESCRIPTION	INLET/OUTLET	CONNECTION SIZE	MICRON /MESH
14320021	2 1/2" Screen Filter T-Type (With Hybrid Clamp) 120 Mesh	Male Thread NPT	2 1/2"	130/120
14050082	2 1/2" Screen Filter T-Type (With Hybrid Clamp) 120 Mesh	Male Thread BSP	2 1/2"	130/120
SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread)	12490077	Glass reinforced PP	1
	Body (NPT Thread)	12490126		
2	Gasket	50030031	NBR	1
3	Brass Bush	50100033	Brass	3
4	End Cap (BSP Thread)	12490120	Glass reinforced PP	1
	End Cap (NPT Thread)	12490129		
5	End cap O-Ring	50010041	NBR	1
6	SS-316 Screen Cartridge Single Mesh 80 - Black	12490183	Glass reinforced PP	1
	SS-316 Screen Cartridge Single Mesh 120 - Blue	12490171		
	SS-316 Screen Cartridge Single Mesh 150 - 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 (SS Long Handle)	14050038	Glass reinforced PA	1



2 1/2" Screen Filter (Model 125 T - 30 m³/hr)				
AIPL CODE	DESCRIPTION	INLET/OUTLET	CONNECTION SIZE	MICRON /MESH
14330003	2 1/2" Screen Filter T-Type (With SS Clamp) 120 Mesh	Male Thread NPT	2 1/2"	130/120
14100003	2 1/2" Screen Filter T-Type (With SS Clamp) 120 Mesh	Male Thread BSP	2 1/2"	130/120
SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread)	12490077	Glass reinforced PP	1
	Body (NPT Thread)	12490126		
2	Gasket	50030031	NBR	1
3	Brass Bush	50100033	Brass	3
4	End Cap (BSP Thread)	12490120	Glass reinforced PP	1
	End Cap (NPT Thread)	12490129		
5	End Cap O-Ring	50010041	NBR	1
6	SS-316 Screen Cartridge Double Mesh 30/80 - Black	12490031	Glass reinforced PP	1
	SS-316 Screen Cartridge Double Mesh 30/120 - Blue	12490029		
	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