

# T Type Screen Filters

2"



AQ-124TL(HC)

## Features

- Designed for Upside down installation.
- Nylon Reinforced plastic clamp.
- Vacuum Breaker for full efficiency filtration.
- Drain port at front of filter body.
- All impurities capture outside of screen cartridge.
- Specially designed screen cartridge for outside - inside flow for easy cleaning when mesh gets dirty



AQ-124TL

## Features

- Designed for Upside up installation.
- Stainless Steel metal clamp.
- Standard cartridge design.
- Vacuum Breaker not required.
- Drain port at bottom of filter barrel.
- All impurities capture inside of screen cartridge.

Specifications	AQ-124TL(HC)		AQ-124TL	
	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)	85 Psi	6 kg/cm <sup>2</sup>	110 Psi	8 kg/cm <sup>2</sup>
Max. Working Pressure (PA Filter)	NA	NA	145 Psi	10 kg/cm <sup>2</sup>
Range of Flow Rate	110-140 GPM	25-32 m <sup>3</sup> /h	110-140 GPM	25-32 m <sup>3</sup> /h
Nominal Flow Rate	132 GPM	30 m <sup>3</sup> /h	132 GPM	30 m <sup>3</sup> /h
Filtration Surface area	118.42 in <sup>2</sup>	764 cm <sup>2</sup>	126.63 in <sup>2</sup>	817 cm <sup>2</sup>
Material of Construction	Glass Filled Polypropylene		Glass Filled Polypropylene/ Polyamide	
Screen Material	Stainless Steel SS-316		Stainless Steel SS-316	
Cartridge Diameter (With O-ring)	4.8 in	122 mm	4.8 in	122 mm
Cartridge Length	14.8 in	377 mm	15 in	383 mm
Available Mesh	80, 120, 150 mesh	80, 120, 150 mesh	80, 120, 150 mesh	80, 120, 150 mesh

Head Loss : AQ -124TL-HC						
Flow, m <sup>3</sup> /h	20	25	30	35	40	45
Pressure Loss, kg/cm <sup>2</sup>	0.07	0.13	0.16	0.20	0.30	0.35
Flow, GPM	88.0	110.0	132.0	154.0	176.0	198.0
Pressure Loss, Psi	0.99	1.85	2.27	2.84	4.26	4.97

Head Loss : AQ -124TL						
Flow, m <sup>3</sup> /h	20	25	30	35	40	45
Pressure Loss, kg/cm <sup>2</sup>	0.10	0.15	0.20	0.26	0.35	0.42
Flow, GPM	88.0	110.0	132.0	154.0	176.0	198.0
Pressure Loss, Psi	1.42	2.13	2.84	3.69	4.97	5.96

### Filtering Element

80 Mesh  120 Mesh  150 Mesh 



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