

# T Type Screen Filters

2½"



AQ-125T(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-125T

## 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-125T(HC)		AQ-125T	
	US Standard	Metric Standard	US Standard	Metric Standard
Inlet/outlet connection	2½" NPT male thread	2½" BSP male thread	2½" NPT male thread	2½" 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	120-154 GPM	27-35 m <sup>3</sup> /h	120-154 GPM	27-35 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	77.5 in <sup>2</sup>	500 cm <sup>2</sup>	74.4 in <sup>2</sup>	480 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	11.1 in	282 mm	12.2 in	310 mm
Available Mesh	80, 120, 150 mesh	80, 120, 150 mesh	80, 120, 150 mesh	80, 120, 150 mesh

Head Loss : AQ -125T-HC					
Flow, m <sup>3</sup> /h	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	118.8	132.0	154.0	184.8
Pressure Loss, Psi	0.85	1.42	2.13	2.84	3.98

Head Loss : AQ -125T					
Flow, m <sup>3</sup> /h	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	118.8	132.0	154.0	184.0
Pressure Loss, Psi	1.14	1.99	2.56	3.41	4.69

### Filtering Element

80 Mesh  120 Mesh  150 Mesh 