

AVENGER

Series 90

Gas and Liquid Sample Filters

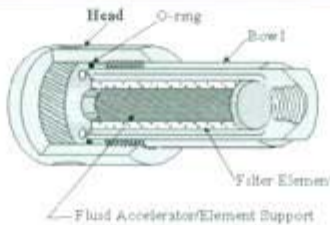
A+ CORPORATION
Simple Solutions for Complex Problems

The Avenger Series 90 filter housings and elements provide for the utmost in flexibility for your coalescing and particulate filtration needs. The conventional 3-port model is a direct replacement for competitive vertically mounted sample filters. However, the 5-port model, with its two different porting configurations allows for greater mounting and application flexibility. These filters were specifically designed for analyzer sample conditioning applications by analyzer sample conditioning specialists.

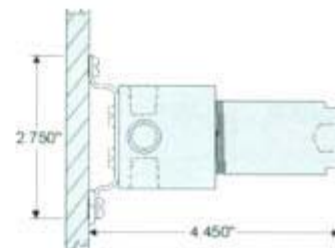


Series 90 Filters

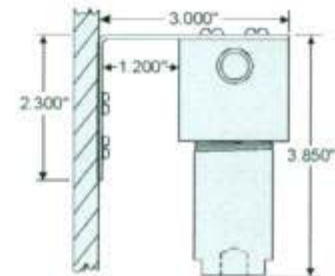
- 3-port or 5-port models available
- Easy to mount horizontally or vertically
- Particle filtration for gas or liquid streams
- Coalescing and removal of entrained liquid in sample gas
- 5-port models:
 - ▶ 2 porting configurations
 - ▶ Pressure gauge port
 - ▶ Slipstream or bypass with a single filter housing
 - ▶ Sample entry from left or right
 - ▶ Low internal volume
- Horizontal mounting
 - ▶ Reduces panel space requirements
 - ▶ Break no fittings for maintenance
 - ▶ Easy to view gauge installation
 - ▶ Easy access to filter element
 - ▶ Fewer fittings required to install
 - ▶ Easy addition to a crowded cabinet



The Utmost in Flexibility



Horizontal Mounting



Vertical Mounting

Series 90 Filter Elements

- Direct replacement for Balston® and Headline®
- Borosilicate microfiber elements for particulate and coalescing applications
- Special element available for removal of oil in water for pH probe applications
- Particulate Removal
 - ▶ Stainless steel elements for particle filtration
 - ▶ Vacuum formed element structure provides pore size gradation for deeper particle penetration
 - ▶ Suitable for particulate filtration in gas and liquid
- Coalescing of Liquids
 - ▶ Special coalescing element has discrete outer sleeve to prevent re-entrainment and enhance coalescing operation
 - ▶ Coalesces liquid aerosol and large droplets in sample gas
 - ▶ Slimline construction of coalescing element permits installation in both Model 91 and Model 95 filter housings

