

Baldwin™ -Series In-Line

Sample Conditioning System

In-Line Sample Filter Assembly

The in-line sample filter assembly, 3KFA-001, is used on all Baldwin-Series wall/rack mounted and Testers' Choice portable sample conditioning systems to provide fine particulate filtration. It includes a PVDF filter head and lock ring, o-ring, borosilicate glass bowl, mounting bracket, and a standard 2-micron ceramic filter element. The inert materials used in construction the in-line filter assembly do not absorb gases of interest. Sample flows through the outside of the filter element indicating filter contamination.

Key Features

- Sample Connection: **¼" NPT Female**
- Maximum pressure: **60 PSIG**
- Max Inlet Temperature: **280 °F (138 °C)**
- Maximum Flow Rate: **60 lpm**
- Pressure Drop at 6 lpm: **1" H₂O Column**
- "O" Ring Seal: **Viton®**
- Construction Materials: **PVDF, Borosilicate Glass 65**
- Dead Volume: **cc**
- Filter Surface Area: **12 sq in**
- Mounting: **Surface with Integral Bracket**
- Weight: **11 oz (0.31 kg)**
- Filter Element Material:
 - (TF) TFE Teflon
 - (TA) PFA Teflon
 - (PP) Polypropylene
 - (SS) 316 Stainless Steel
 - (HS) Hastelloy C-276
 - (CR) Ceramic
 - (GF) Glass Fiber
 - (GT) Glass Frit

Outline & Mounting Dimensions

