

## SAMPLE CONDITIONING SYSTEMS

### 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 Kynar® filter head, 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.



Sample connection:	1/4" 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:	Kynar®, Borosilicate glass
Dead volume:	65 cc
Filter surface area:	12 sq in
Mounting:	Surface with integral bracket
Weight:	
Filter element material:	11 oz ( 0.31 kg)
	(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 AND MOUNTING DIMENSIONS:

