Vented In-Line Stainless Steel Holder

- **Support screen is PTFE coated** to prevent membrane sticking during autoclaving
- **Back pressure support screen** prevents membrane rupture during reverse pressure surges
- **Vent valve** in inlet body enables venting at any time during filtration
- Available in type 304 or type 316 stainless steel

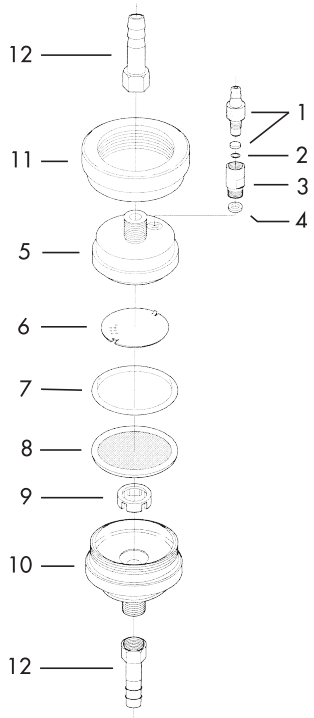


KS 47

APPLICATIONS

- Sterilize and ultraclean liquids or gases under positive pressure
- Sterilize with a membrane in place for microbiological studies
- Install for point of use filtration on filling machines

Note: When using the KS 47 inline to filter gases, a second support screen should be used upstream of the membrane



KS 47

SPECIFICATIONS

	KS 47
Materials:	
Body and support screen	Type 304 or 316 stainless steel
O-rings (standard)	FPM and silicone
Support screen	PTFE coated stainless steel
Gasket	PTFE
Connections:	1/4" NPTM to hose barb (9.5 mm)
Pressure:	
Inlet	0.68 MPa (99 psi)
Differential	0.29 MPa (42 psi)
Dead Volume:	
Upstream	5 mL
Downstream	2 mL
Weight:	0.8 kg (1.8 lb)
Membrane Compatibility:	
Filter size	47 mm
Prefilter size	35 mm (47 mm)*
Filtration size	12.5 cm^2

* If a membrane filter is used as a prefilter, use a 47 mm filter and place a polyester separator (DS type) between the 2 membranes (See page 14).

Replacement Parts

		KS 47	
		Type 304 SS	Type 316 SS
1	Vent valve with PTFE packing	357205	
2	Vent valve O-ring (FPM)	357206	
3	Valve body, female	357207	
4	Gasket (PTFE)	357208	
5	Inlet body	357401	357501
6	Back pressure support	357404	357504
7	O-ring (silicone)	357210	
8	Support screen	304715	304815
9	Underdrain support	357204	357304
10	Outlet body	357402	357502
11	Locking ring	357405	357505
12	Inlet/outlet adapter	304508	304608

ORDERING INFORMATION

	KS 47
304 SS	357400
316 SS	357500

Accessories and Optional O-rings

7	O-ring (PTFE encapsulated)	304706	
7	O-ring (FPM)	304714	
8	Support screen (order second for upstream support, see note above)	304715	304815

ADVANTEC®