

1000 PSIG Pressure Filters

A*R

This robust but lightweight aluminum housing is designed especially for bypass gas sampling of specialty gases.



This lightweight, 1000 PSIG filter is constructed of aluminum and offers your choice of high efficiency particulate and coalescing filter elements. This product can be used for CNG or specialty gas applications. The A*R includes a drain port with a plug. The connection size of the drain port matches the inlet and outlet connection size, making it ideal for bypass gas sampling.

*specify part number A5R for 1/8" NPT connections or A1R for 1/4" NPT connections.

Specifications:

Model Number	Port Size (NPT)	Max. Pressure	Max. Temp.	Materials of Construction			Seals	Sump Capacity	Weight	Dimensions	
				Head	Internals	Bowl				Length	Width
A5R, A1R	1/8", 1/4"	1000 PSIG (68 bar)	225°F All Media Types	Aluminum	316 Stainless Steel	Aluminum	Fluoro-carbon	0.25 oz. (7.4 ml)	0.75 lbs. (0.34 kgs.)	4.0" (101.6mm)	1.75" (44.5mm)

Flow Rates (SCFM):

Filter Housing Model	Media Grade	100 PSIG	250 PSIG	500 PSIG	750 PSIG	1000 PSIG
A5R/A1R	4	6.4	15	29	43	57
	6	8.4	19	38	56	75
	8	9.2	21	41	61	81
	10	10	23	45	67	88

How to Order:

	Port Size NPT			Media Grade	Media Type	Element Size
A	5 (1/8")	R	-	4	G	04-023
	1 (1/4")			6	T	
				8	F	
				10	H	
					C	

Example:
A1R-6C04-023

Mounting bracket available: MBS-1

How to Order Replacement Elements:

Elements available: _ insert grade: 4, 6, 8, 10
 _G04-023 X 10
 _T04-023 X 10
 _F04-023 X 10
 _H04-023 X 10
 _C04-023 X 10
 For more information on element selection, please see pages 6-7. Elements are sold in box quantities of 10.