

Steel filter housings designed for the purification of compressed air and gases in industrial operations.

Donaldson® SG Steel filter housings are equipped with all of the features required to make this the most efficient and cost-effective filter for your compressed air system. The flanged housings offer low pressure drop through optimal flow-path design. The SG standard filter housings come with an Econometer differential pressure gauge and pneumatic drain and is available with an optional Economizer differential pressure gauge and Ultramat zero air-loss condensate drain.

Available in three different housing sizes from 1728 to 4608 scfm. Several different filter element types are available to meet specific purification requirements.



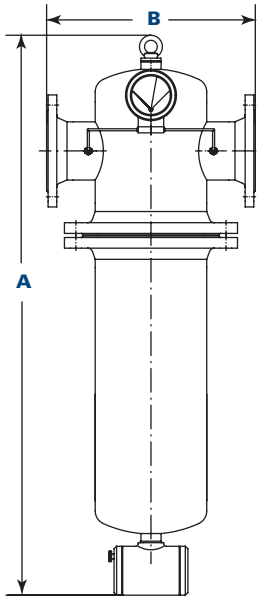
SG Standard
with Pneumatic Drain
Valve and Econometer

SPECIFICATIONS

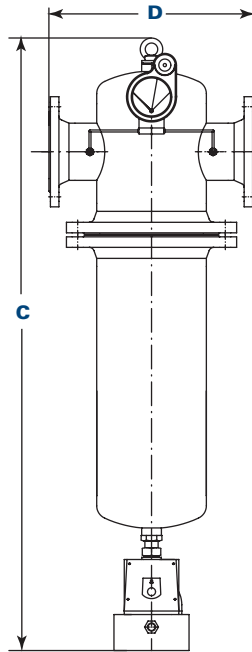
MATERIALS	
Filter Housings	Carbon Steel
Differential Pressure Gauge	Econometer (standard), Economizer (optional)
Drain	Pneumatic (standard) Ultramat UFM-D zero air-loss (optional)
Sealing	Asbestos-free sealing following ANSI 16.21
Surface Finish	Polyester powder coating
Connection	Flange 4" and 6" 150 lb., ANSI B 16.5, RF
Maximum Operating Pressure	150 psig (standard) and 250 psig (optional)
Maximum Operating Temperature	Designed and tested for a maximum operating temperature of 250°F

SG COMPRESSED AIR FILTERS

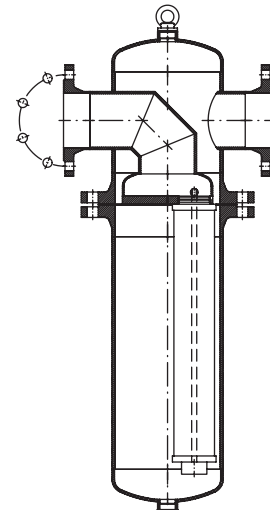
DIMENSIONS



SG Standard with Pneumatic Drain Valve and Economizer



SG Standard with Optional Ultramat UFM-D Zero Air-Loss Condensate Drain Valve and Economizer



SG Standard Cutaway View

Housing Size	Capacity* (scfm)	Connections (inches FNPT)	Element	Dimensions (inches)			
				A	B	C	D
0288	1728	4	3050	54	18	57	18
0432	2592	4	2030	43	16	49	16
0768	4608	6	3030	59	19	64	19

* Capacity based on 100 psig inlet pressure.

CAPACITY CORRECTION FACTORS

System Pressure (psig)	15	30	45	60	75	90	100	115	130	150	160	175	190	200	220	232
Correction Factor	0.25	0.36	0.5	0.6	0.75	0.9	1	1.1	1.2	1.4	1.5	1.6	1.75	1.9	2	2.1



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