



SG COMPRESSED AIR FILTERS

Compressed Air & Process Filtration

Steel flanged 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 float drain. For increased energy savings, the SG is also available with an optional Economizer differential pressure gauge and Ultramat zero air-loss condensate drain.

Available in three different housing sizes from 1,728 to 4,608 scfm. Several different filter element types are available to meet specific purification requirements.



SG Standard

with Float Drain and Econometer

FEATURES	BENEFITS
Three part housing design	Easy installation and maintenance
Optimized housing construction for lowest flow velocity	Low pressure drop saves in purification costs of compressed air and gases
Economizer with integrated microprocessor (optional)	Determines the most cost-effective time to exchange the filter element
UFM-D zero loss condensate drain (optional)	Increased energy savings by allowing zero compressed air loss. Stores condensate external of filter housing, ensuring complete condensate removal from compressed air.

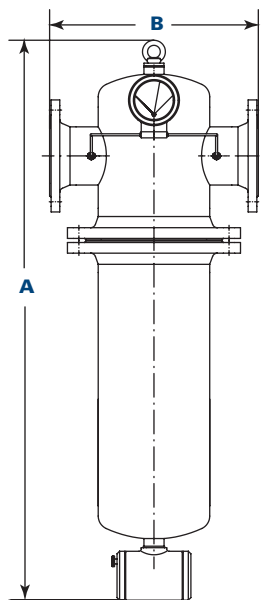
SPECIFICATIONS

MATERIALS	
Filter Housings	Carbon Steel
Differential Pressure Gauge	Econometer (standard), Economizer (optional)
Drain	UFM-P float drain UFM-D zero air-loss drain (optional)
Sealing	Asbestos-free sealing following ANSI 16.21
Surface Finish	Polyester powder coating
Connection	Flange 4" or 6" class 150, ANSI B 16.5, RF

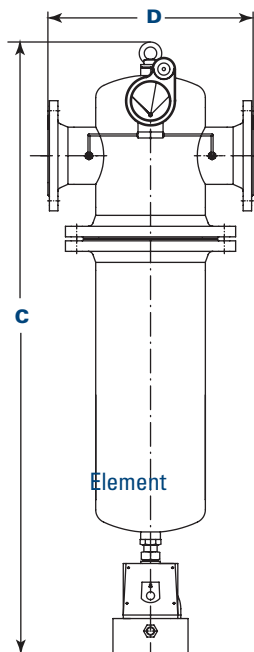
DESIGN PRESSURE & TEMPERATURE

150 psig @ 150°F (standard)

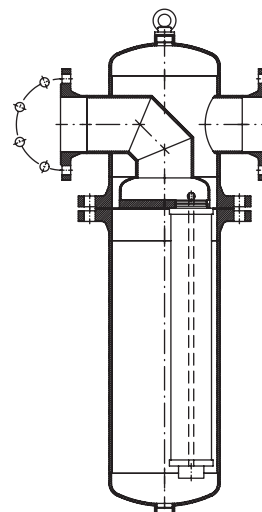
DIMENSIONS



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, flanges)	Element		Dimensions (inches)			
			Size	Qty.	Height (A)	Width (B)	Height (C)	Width (D)
0288	1,728	4"	3050	1	54	18	57	18
0432	2,592	4"	2030	3	43	16	49	16
0768	4,608	6"	3030	4	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	0.3	0.4	0.5	0.6	0.8	0.9	1	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.1



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