

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

Donaldson® AG Aluminum 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. Its three-part aluminum housing design allows for easy disassembly and element changeout. Low pressure drop is achieved through optimal flow-path design. The tapered bowl and non-turbulent lower filter zone ensure that no condensate gets re-entrained in the airstream. The AG standard comes with an Economizer differential pressure gauge and a float type drain and is available with an optional programmable Economizer differential pressure gauge and Ultramat UFM-T zero air-loss condensate drain valve.

Available in three different filter housing sizes from 864 to 1728 scfm. Several different element types are available to meet specific purification requirements.



AG Standard with Float-Type Condensate Drain Valve and Economizer

AG Standard with optional Ultramat UFM-T Zero Air-Loss Condensate Drain Valve and Economizer

FEATURES

BENEFITS

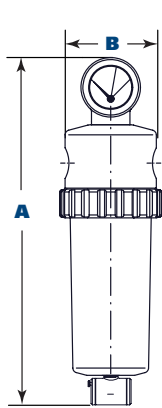
Three part housing design	Easy installation and maintenance
Optimized housing construction for best flow velocity	Low pressure drop saves in purification costs of compressed air and gases
Economizer with integrated microprocessor (optional)	Determines the most cost-effective time to exchange the filter element

AG COMPRESSED AIR FILTERS

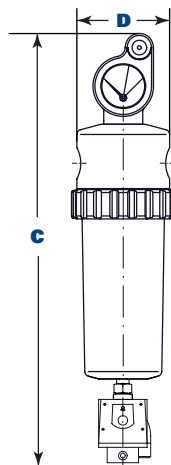
SPECIFICATIONS

Materials	
Filter Housing	Aluminum mold casting
Screw Locking Ring	Aluminum w/acoustic warning signal
Differential Pressure Gauge	Econometer (standard) Economizer (optional)
Drain	Float type (standard) Ultramat UFM-T zero-air loss (optional)
Sealing	Parting compound free o-ring made of Perbunan®*
Surface Finish	Polyester powder coating
Connection	2½-inch to 3-inch FNPT

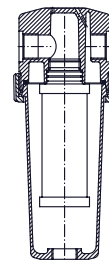
Maximum Operating Pressure	
150 psig (standard)	
232 psig (optional)	
Maximum Operating Temperature	
Filter Housing	250°F
Standard Econometer + Float Drain	160°F
Optional Economizer + UFM-T Drain	140°F



AG Standard
with Float-Type Condensate
Drain Valve and Econometer



AG Standard w/Optional Ultramat
UFM-T Zero Air-Loss Condensate
Drain Valve and Econometer



AG Standard
Cutaway View

Housing Size	Capacity ¹ (scfm)	Connections (inches FNPT)	Dimensions (inches)				Element Size
			A	B	C	D	
0144	864	2.5	37	7	41	7	2030
0192	1152	3.0	47	7	51	7	3030
0288	1728	3.0	47	8	52	8	3050

¹ 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

* Perbunan is a registered trademark of LANXESS Deutschland GmbH.



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