

Aluminum NPT 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 Econometer differential pressure gauge and a float type drain. For increased energy savings, the AG is also available with an optional programmable Economizer differential pressure gauge and Ultramat UFM-D zero air-loss condensate drain valve.

Available in three different filter housing sizes from 864 to 1,728 scfm. Several different element types are available to meet specific purification requirements.



AG Standard
with Float-Type
Condensate Drain Valve
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.

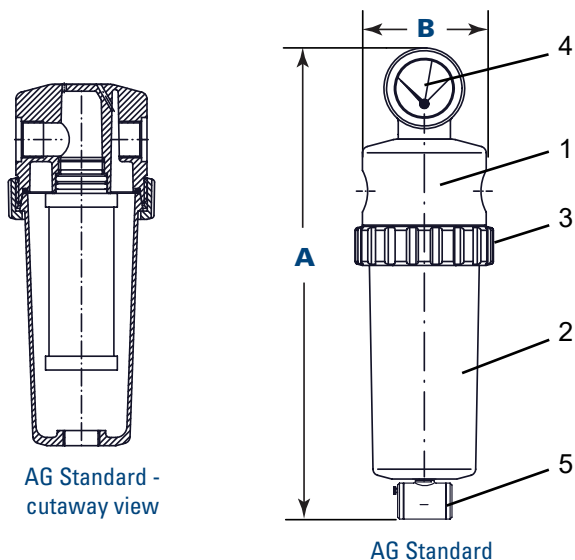
SPECIFICATIONS

MATERIALS	
Filter Housing	Aluminum die cast
Screw Locking Ring	Aluminum with acoustic warning signal
Differential Pressure Gauge - Econometer	Aluminum
Drain - UFM-P	Cast aluminum body, stainless steel float
Housing Bowl Seal	Buna
Surface Finish	Polyester powder coating
Connection	2½" and 3" FNPT

DESIGN PRESSURE & TEMPERATURE
250 psig @ 150°F

CAPACITY CORRECTION FACTORS																
Operating Pressure (psig)	15	30	45	60	75	90	100	115	130	150	160	175	190	200	220	230
Correction Factor	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.1

DIMENSIONS



No.	Description
1	Upper housing bowl
2	Lower housing bowl
3	Screw locking ring
4	Econometer
5	Drain - UFM-P float drain

Housing Size	Capacity ¹ (scfm)	Connections (FNPT)	Dimensions (inches)		Element Size
			Height A	Width B	
0144	864	2½"	37	7	2030
0192	1,152	3"	47	7	3030
0288	1,728	3"	47	8	3050

¹ Capacity based on 100 psig inlet pressure.



Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, specifications, availability and data are subject to change without notice, and may vary by region or country.

Donaldson Company, Inc.
Minneapolis, MN
donaldson.com
shop.donaldson.com

Australasia 61-02-4350-2066
 marketing.australia@donaldson.com

Brazil 55-11-4894-6035
 vendas.brasil@donaldson.com

China 86-400-921-7032
 info.cn@donaldson.com

EMEA 49-2129-569-0
 cap-europe@donaldson.com

India 91-124-4807-400
 indiaenquiries@donaldson.com

Japan 81-42-540-4123
 ndl-ultrafilter-web@donaldson.com

Korea 82-2-517-3333
 cap-kr@donaldson.com

Latin America 52-449-300-2442
 industrialair@donaldson.com

North America 800-543-3634
 processfilters@donaldson.com

South Africa 27-11-997-6000
 samarketing@donaldson.com

Southeast Asia 65-6311-7373
 sea.salesenquiry@donaldson.com

F117035 ENG (05/19) AG Compressed Air Filter Housings
 © 2009 Donaldson Co., Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners. (Contains Donaldson proprietary technology.)