

AMO Series Filter Housings

Industrial filter housings for air and gas service

- Cast iron and 316 stainless steel materials of construction
- Operating pressure to 8.6 bar (125 psig) @ 21.6°C (70°F)
- Housing can operate in full vacuum environment
- Accepts 10.2 cm (4 in)¹ or 25.4 cm (10 in) DOE cartridge
- Choice of several in-line connections ensure ease of installation
- Optional T-Handle on cover nut permits quick servicing
- Mounting bracket available

Housing Specifications

Maximum operating pressure

8.6 bar (125 psig) @ 21.6°C (70°F)

NOTE: Maximum operating pressure ratings are vessel ratings only. Safe operating temperature and pressure will depend on filter cartridge and gasket/O-ring used. For inquiries on compatibility, contact the factory or your Pall distributor.

Construction	Head ²	Shell
	Cast Iron ³	316 Stainless Steel

Connections

Inlet/outlet: $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ " or 1" NPT

Body/sump drain: $\frac{1}{4}$ " NPT Petcock

Shell O-rings Ethylene propylene (standard), nitrile, fluorocarbon elastomer, FEP, neoprene

Cover nut O-ring FEP (standard)



Bracket option

Stainless steel brackets are available as a standard option.

T-Handle option

T-handle cover nuts are available in carbon steel or 316 stainless steel. Standard units are supplied with hex head cover nut.

¹ When fitting with 10.2 cm (4 in) DOE membrane filters, please order filters under Code 550 to assure proper fit.

² Housing head has mounting bosses which accept self-tapping screws.

³ Painted exterior.

Model ⁴	Rated Air Flow ⁵ DFT Classic® Cartridge ⁶ (scfm)	Dimensions (cm/in)		Weight (kg/in)
		Height	Face-to-Face	
AMO4- $\frac{3}{8}$	40	20 / 7.875	12.1 / 4.75	1.3 / 2.75
AMO10- $\frac{3}{4}$	100	34.9 / 13.75	12.1 / 4.75	2.8 / 6.25
AMO10-1	100	37.5 / 14.75	12.1 / 4.75	3.1 / 6.75

⁴ Connection sizes are matched to flow capacity. Other connection sizes can be supplied to order.

⁵ Flow is based on air at 3.5 bar (50 psig) and ambient temperature with an initial pressure drop of less than 0.2 bar (3 psig); initial pressure drop for AMO4- $\frac{3}{8}$ is 0.3 bar (4.7 psig).

⁶ DFT Classic cartridges for air and gas service are designated as GC10.

Ordering Information

Pall Part Number = AMO -

Table 1

Code	Cartridge lengths (cm/in)
4	10.2 / 4'
10	25.4 / 10

Table 2

Code	Material of construction
Blank	Cast iron and 316 stainless steel

Table 3

Code	Connection styles
$\frac{3}{8}$	$\frac{3}{8}$ " NPT
$\frac{1}{2}$	$\frac{1}{2}$ " NPT
$\frac{3}{4}$	$\frac{3}{4}$ " NPT
1	1" NPT




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