

### Original Eaton accessories, consumables and spare parts for safety and reliability

The wide range of Eaton filter housing accessories makes it possible to custom design a housing to the exact specifications of your application, no matter how

complex or unique it may be. Accessories also can be used to improve application processes or requirements. For example, displacement

balloons make filter bag change-outs easier, and LOFNETIC magnetic inserts extend filter bag lifetime in applications where magnetic particles are encountered.

Original Eaton "added value" accessories are guaranteed to work with your Eaton bag filter housings to deliver the highest performance and reliability.



Powering Business Worldwide

# TECHNICAL INFORMATION

## Bag Filter Housing Accessories

### 01 Restrainer baskets

Heavy-duty, electro-polished SS 316, perforated plate baskets (included with housing) allow use of filter bags and HAYFLOW™ filter elements up to differential pressures of 51 psi (3.5 bar). Available in all standard sizes, fitting all Eaton bag filter housings. Specially designed restrainer baskets, including construction options such as HASTELLOY® or Epoxy coated, are available. Standard baskets can be used in combination with adaptor rings for retrofitting other types of housings.

### 02 LOFNETIC magnets

Magnet assemblies are inserted into the filter bag during filtration. They are a combination of bag positioner fitted in the center with a magnetic bar(s). Filter bag lifetime is extended by retaining magnetic particles, such as chips and fines, preventing deposition onto the filter media. They also retain finer magnetic dust when using filter bags with coarser retention rating. LOFNETIC magnets are available in size 01 and 02 filter bags using one or two SS 316-covered magnetic bars.

### 03 Insertion tools

Highly recommended for all installations and mandatory for some, insertion tools ensure correct positioning of the filter bag within the basket and eliminate any "bobbing" movement of the filter bag caused by uncontrolled back pressure. This avoids any chance of the filter bag bursting. ACCUGAF™, PROGAF™ and LOFCLEAR™ 500 filter bags need to be equipped with an insertion tool. A special, new collar design firmly fixes the insertion tool inside the filter bag during filtration. They are available in sizes 01 and 02.

### 04 Leg assemblies

Height-adjustable leg assemblies are standard for size 01 and 02 TOPLINE™, FLOWLINE™ and SIDELINE™ single bag filter housings and are optional for ECOLINE™ single bag filter housings. Wall mounting brackets are also available.

### 05 Displacement balloons

Inserting a displacement balloon inside the filter bag minimizes the amount of residual liquid present in the filter bag and reduces product loss. This eases the changing of the filter bag, eliminating the need for expensive, pressure-aided draining systems. A special, new collar design firmly positions the balloon inside the filter bag. The SS 316 balloons' maximum  $\Delta p$  is 230 psi (15.9 bar). They are available in sizes 01 and 02.

### 06 Manifold modules

Eaton standard pipe modules are available in SS 316. 90° elbows, flange reductions, flanged "T" sections and flange manifolds can be easily assembled to make DUOLINE™ or MODULINE™ multi-bag filter housings based on FLOWLINE\*, SIDELINE or TOPLINE size 01 or 02 single bag filter housings.

### 07 Adapter heads for open filtration

Used in conjunction with SNAP-RING® filter bags in gravity feed, open systems. Adapter heads are available in SS 316 and polypropylene with a 1.5" NPT (BSP) connection for pressures to 20 psi (1.4 bar).

### 08 Gaskets and O-ring seals

As standard, Eaton metal bag filter housings are fitted with Buna-N® O-rings. Plastic housings have Viton® O-rings. Other material options, such as EPDM, Viton, PTFE encapsulated Viton or silicone rubber, are available as flat gaskets. The options offer a variety of chemical and thermal resistances to meet a multitude of uses and applications.

### 09 Mesh strainers

Bag filter housings may be fitted with SS 316 mesh lined strainers in place of baskets to convert them to strainer filters. Mesh strainers are available in four standard sizes: 01, 02, 03 and 04. Retention ratings are 25, 50, 100, 150, 250, 400 and 800  $\mu m$ , respectively.

### 10 Hold-down rings

ECOLINE, SIDELINE, FLOWLINE, POLYLINE™ and MAXILINE™ MBF bag filter housings are fitted with different hold-down rings (included with housing). They hold the filter bag securely inside the restrainer basket, which in turn is positioned correctly within the housing.

### 11 Miscellaneous

Gauges, vents, eye-bolts, clamp-screws, V-clamps, center-bolts, butterfly and ball valves are all available as accessories or spare parts to fit Eaton's various bag filter housings.

\* Available in the US only.  
HASTELLOY® is a registered trademark of Haynes International Inc.  
Viton® and Buna-N® are registered trademarks of E. I. du Pont de Nemours and company.



### SPLASH GUARD option for added safety

- Helps protect operators from unexpected pressurized spray and discharge
- Reduces operator exposure to potentially hazardous material
- Provides additional eye and face protection

For more information, please email us at [filtration@eaton.com](mailto:filtration@eaton.com) or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)

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EF-FBH-19  
03-2019

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