

# ACCESSORIES

## EATON FILTER HOUSING ACCESSORIES

### 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 requirements of your application, no matter how complex or unique it may be.

Accessories can be used to improve processes as well as the application requirement itself. For example, displacement balloons make bag change-out easier, LOFNETIC magnetic inserts extend filter bag life in applications where magnetic particles are encountered.

Original Eaton “Added Value” Accessories are guaranteed to work with your Eaton filter housings as part of the system to deliver the highest performance and reliability.

#### 01 Restrainer Baskets

Heavy duty, electropolished SS 316 perforated plate baskets (included with housing) allows use of filter bags and HAYFLOW™ elements up to differential pressures of 50 psi. Available in all standard sizes, fitting all Eaton bag filter housings. Specially designed restrainer baskets, including special of construction 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). 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 bags of coarser micron rating. Eaton magnetic strainers are available in size 01 and 02 using one or two SS 316 covered magnetic bars.



#### 03 Bag Positioner

Highly recommended for all installations, mandatory for some, bag positioners or “bag lock’s” ensure correct positioning of the filter bag within the basket and eliminate any “bobbing” up and down movement of the bag caused by uncontrolled back pressure. This avoids any chance of bag bursting. ACCUGAF™, PROGAF™ and LOFCLEAR™ 500 filter bags need to be equipped with a bag positioner. A special new collar design firmly fixes the element inside the bag during filtration. They are available in sizes 01 and 02.



#### 04 Leg Assembly

Height-adjustable leg assemblies are standard for size 01 and 02 TOPLINE™, FLOWLINE™, and SIDELINE™ housings, and optional for ECOLINE™ 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 bags eliminating the need for expensive pressure-aided draining systems. A special new collar design firmly positions the balloon inside the bag. The SS 316 balloons' maximum DP is 230 psi. 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™ bag filter versions based on FLOWLINE™, SIDELINE™ or TOPLINE™ size 01 or 02 housings.

#### 07 Adapter Head 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 connection for pressures to 20 psi.

#### 08 Gaskets and O-ring Seals

As standard, Eaton metal filter housings are fitted with Buna N O-rings. Plastic housings have Viton® O-rings. Other material options such as EPDM, Viton, TFE 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, micron ratings are 25, 50, 100, 150, 250, 400, 800 µm respectively.

#### 10 Miscellaneous

Gauges, Vents, Eye-bolts, Clamp-screws, V-clamps, Center-bolts, Butterfly and Ball Valves are available as accessories or spare parts to fit the various Eaton bag filter housings.

#### 11 Bag Hold-down Rings

The various ECOLINE™, SIDELINE™, FLOWLINE™, POLYLINE™ and MAXILINE™ MBF bag filter housings are fitted with different bag 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.