

TECHINICAL SPECIFICATION



Closure	Switch Lock
Accept	1 x 6"Ø x 20" filter bag or 1 x 5.5"Ø x 590mm filter cartridge
Housing Sump	Pure Polypropylene
Housing Lid	Pure Polypropylene Reinforced With Glass
Basket Material	Pure Polypropylene
Fixed Leg Support	Pure Polypropylene
O-Ring	EPDM or VITON
Sealing	SMART-RING (Filter Bag) or SMART-LOCK (Filter cartridge)
Design Pressure	180 PSI
Max. Oper. Press.	90 PSI
Max. Temperature	194 °F (90 °C)
Housing Volume	8.0 Liters
Max. Flow Rates	80 GPM
Sump Diameter	165 mm
Overall Length	930 mm
Inlet/ Outlet	2" NPT or 2" ANSI Flange (Equipped)

NOTE:

- ALL PVDF material construction is available upon request.
- Pressure drops of filter bag or filter cartridge depends on other factors like temperature, flow rate, fluid viscosity, type of model used, etc.
- Please contact to the nearest agent or distributor for more product information.

DESCRIPTIONS

CVB is made of Polypropylene with UV resistance sump material designed to accept either 6"Ø x 20" bag or 5.5"Ø x 590mm filter cartridge.

Economical and more user-friendly compare to conventional bag and cartridge type filter housings.

Highly adaptable, durable and light weight.

All Polypropylene construction provides high resistance to wide range of chemicals and makes it suitable for wide range of industrial applications.

A smooth internal surface prevents bacteria growth and allows fast cleaning or flushing during filter change-out.

Switch lock threaded lid closure ensures leak free operation. Unlike bolt & nut or traditional band clamp closure which deteriorates with time, **CVB** also provides reliable operation for extended period of time.

Equipped with heavy duty Polypropylene retainer basket and SMART-RING support that sit directly onto the basket collar eliminates the need of spring adaptor, top plate and guide rods. Thus, eliminates fluid by-pass.

Compact design with overall sump diameter of 165 mm makes it an ideal solution where space is a concern.

Overall length of 930mm makes it accessible to anybody with standard height for easy maintenance.

Filtration area of a 6"Ø x 20" is equivalent to a standard 7"Ø x 17" (Code 1) bag of 2ft². Single or multiple bags is possible to perform multi-function tasks in a single bag.

Filter with single opened end and built-in handle design is used when converted. Fluid is directed from outside-in through the filter. Bottom of the filter is sealed with SMART-LOCK ensure positive seal effect and by-pass free operation. Identical to bag filter mode, no spring adaptors, top plates, guide rods, etc. are needed.

Choices of filter bag and cartridge media can accurately fulfill most filtration requirements.

During maintenance, filter cartridge element can be replaced conveniently without additional hand tools and consume much less time than others.