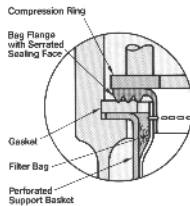
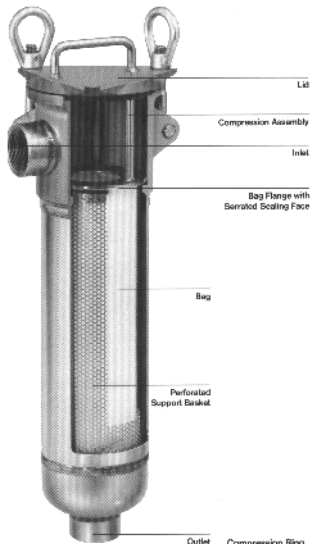


Bag Filter

FILTERS

E



MODEL 152

This model can remove trace contaminants from almost any liquid. Example: It filters sand, rust, and pipe scale from plant or process waters; metal shavings and wear particles from recycled cutting, quenching, flushing, and hydraulic oils. It also removes plastic or rubber particles from mold heating or cooling waters; undispersed solids, and skin from inks, paints, and other coating; and contaminants from vegetable oils and liquid sugars, along with many other products and process liquids. This model is quiet small, as a result you can use it in some of the tightest spaces. What's more, this bag filter comes with a small price tag.

How it Works:

Unfiltered liquid enters the top inlet port and flow downwards through the filter bag and perforated support basket. Solids are deposited inside the bag, which can be easily removed for cleaning or inspection. The filtered liquid then exits through the bottom outlet port.

Handles High Flows

Despite its size, this filter handles flow rates as high as 80 GPM... which is higher than any other filter of a similar size. And even at those high flows, the bags won't tear or shed. That's because they're made of tough, woven polypropylene or nylon.

Reusable bag reduces costs

Because of their straight, these bags can be cleaned and reused many times. That reduces media replacement and disposal cost

Unique Sealing Arrangement

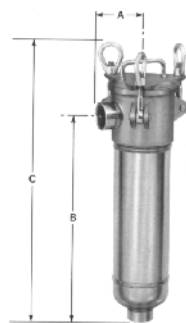
Securely fastened to each basis a polypropylene flange with a serrated sealing face. When the filter lid is closed, a compression ring pushes the serrations into a rubber gasket, which positively prevents unfiltered liquid from bypassing the bag and contaminating your process. A second gasket, not shown, seals the lid to the housing.

Filter Media	Nominal Particle Retention		
	Mesh	Microns	Inches
Woven Polypropylene	30	585	.023
	40	380	.015
	50	250	.008
	60	180	.007
	80	140	.0055
	100	115	.0046
	150	60	.0024
	250	40	.0016
	500	25-30	.001-.0012
	—	15-20	.0006-.0008
Woven Nylon	—	5-10	.0002-.0004
	—	1-3	.00004-.00012
	25	665	.027
	30	585	.023
	40	360	.015
Bonded Nylon	60	250	.009
	80	180	.007
	150	115	.0046
	250	80	.0024
—	25-30	.001-.0012	
—	5-10	.0002-.0004	

Other fabric or stainless steel media available on request.

Shipping weight (approx.)

20 pounds



	A	B	C
Carbon Steel	4 1/8"	16"	21 1/2"
316 Stainless Steel	3 3/8"	15 1/2"	20 3/4"

15" minimum overhead clearance needed for support basket removal.

Maximum temperatures

Media	Temperature
Woven Polypropylene	180°F (82°C)
Woven Nylon	180°F (82°C)
Bonded Nylon	180°F (82°C)

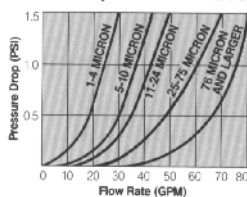
High temperature media available on request

Elastomers

Fluon N	220°F (104°C)
White Neoprene	225°F (107°C)
Nordel® (EPT)	300°F (149°C)
Silicone	450°F (232°C)
Viton®	325°F (163°C)
Teflon®	325°F (163°C)

*Trademark of E.I. DuPont de Nemours and Company

Pressure drop across filter media



This curve is based on flow of clean water through a clean filter bag. Differential pressure will increase correspondingly with increases in solids collection. For more viscous liquids, differential pressure will be higher.

Maximum vessel pressure/temperature rating

Carbon Steel	300 PSI** at 450°F (232°C)
316 Stainless Steel	300 PSI** at 100°F (38°C)

**If operating pressures can exceed those limits, a pressure relief device must be installed.

Optional equipment

Pressure gauges, drain valve, and air vent available.

