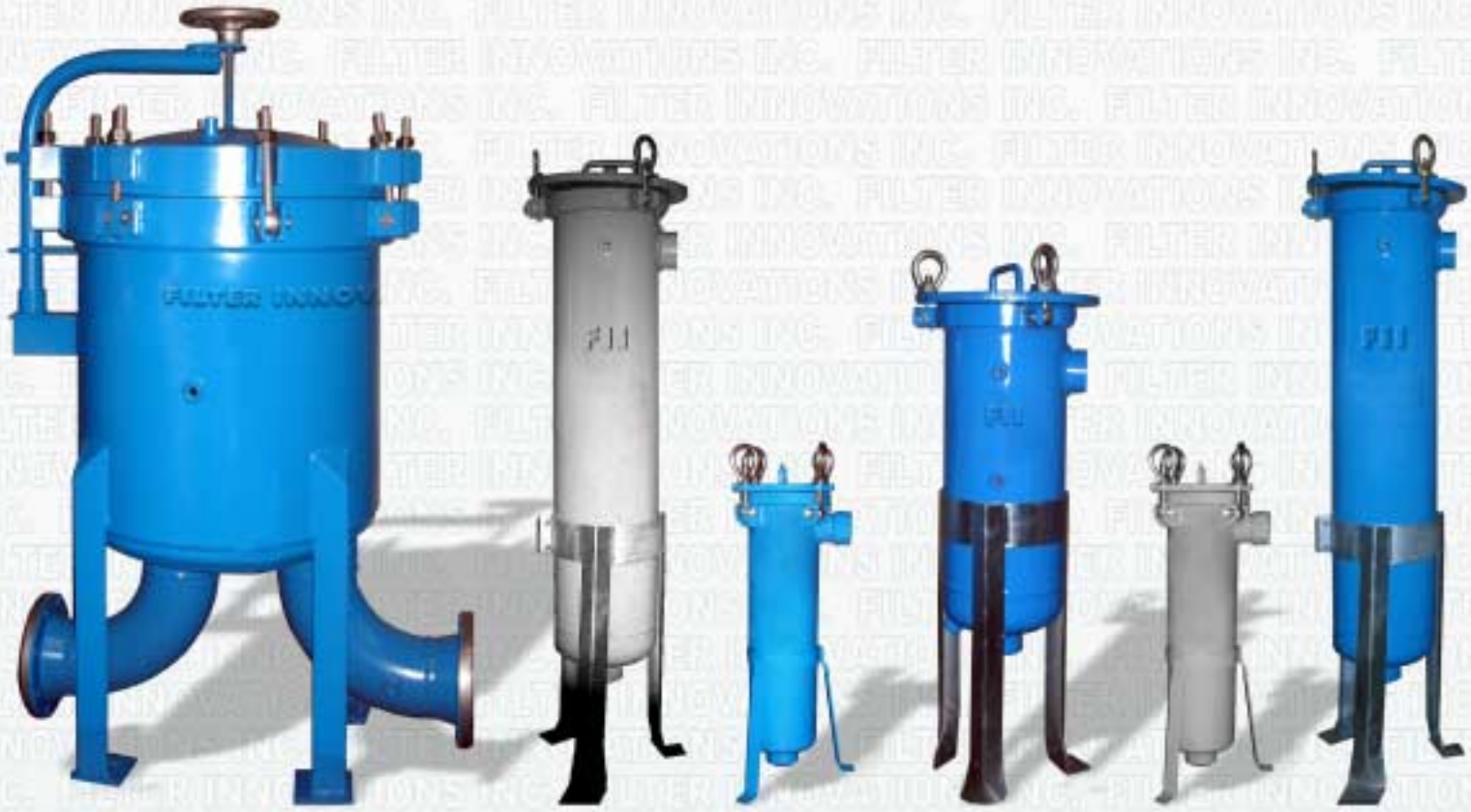
FILTER INNOVATIONS INC.

BAG FILTERS



SIMPLE
The compact, space saving design of the vessels, allows for easy installation, quick and clean bag change-over, with no special tools required.

VERSATILE
The different types of materials used in the fabrication of the vessels, combined with the various types of filter bags, allows for the adaptation and application of the filter system, to almost any industry.

EFFICIENT
The many sizes of the FILTER INNOVATIONS System will realize significant savings in time, labour and replacement cost.

FEATURES



- SWING DAVIT OPENING DEVICE



- SWING EYE BOLTS





- BAG HOLD DOWN DEVICE

FILTER INNOVATIONS BAG FILTER VESSELS

Filter Innovations bag filter system is an economical method of liquid filtration consisting of the pressure vessel, restrainer basket and micron rated filter bag.

Our single and multibag vessels are designed for durable performance, to be cost effective for low or high flow rates and are compatible with all types of filter bags.

CUSTOM DESIGN

Filter Innovations engineers can design a custom made product to meet your specific needs. Typical modifications can include higher operating pressures, construction from special alloys such as hastelloy or titanium; as well as turnkey filtration packages including skids, pumps and electrical control packages.

SPECIFICATIONS

Standard 150 psi working pressure (300 psi optional)
Designed to ASME code (stamped vessels optional)
Vessels available in carbon steel, 304 s/s, 316 s/s and plastic
Inlet and outlet can be positioned to customer requirements
'O' ring materials include neoprene, viton, teflon, Buna N and EPR
Vessels are designed to accommodate flow rates up to 3960 GPM
Corrosion allowances are available upon request
Special internal coatings are available upon request

Filter bags, in a variety of sizes, are adaptable for use in all our bag filter vessels.

FLOW RATE SPECIFICATION

MODEL	MAXIMUM FLOW RATE GPM	M3/hr	IN/OUT Conn.	No. OF FILTER BAGS	BAG CODE	BAG SURFACE AREA
FI-20 SE	20	4.5	1"	1	LFB1	0.75
FI-40 SE	40	9.5	1.5"	1	LFB2	1.4
FI-111 SL	90	20	2	1	P1S	2.8
FI-112 SL	180	41	2"	1	P2S	5.3
FI-360	360	81	2-4"	2	P2S	10.6
FI-540	540	122	2-4"	3	P2S	15.9
FI-720	720	164	4-6"	4	P2S	21.2
FI-900	900	205	4-6"	5	P2S	26.5
FI-1080	1080	245	6-8"	6	P2S	29.3
FI-1440	1440	327	6-8"	8	P2S	42.4
FI-1800	1800	409	8-10"	10	P2S	53.0
FI-2160	2160	491	8-10"	12	P2S	63.6
FI-2620	2620	573	8-10"	14	P2S	74.2
FI-3240	3240	736	10-14"	18	P2S	95.4
FI-3960	3960	900	10-14"	22	P2S	116.6

MAXIMUM FLOW RATE IS BASED ON WATER FLOW AT 1 psi deltaP CLEAN AND MAXIMUM FLUID VELOCITY OF 10 ft/sec

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