



Industrial Filter Bags and Filter Bag Housings

Hart Brand Filter Bags and Filter Bag Housings are made in Canada...

High Grade Materials Combined with Strict Quality Control Standards ensures a Superior Quality Product, with Dependable and Consistent Performance in Liquid Filtration.

Are All Filter Bags Created Equal?

HART INDUSTRIAL LIQUID FILTER BAGS are Manufactured in Canada under rigid quality control standards – bags are sewn and stored in a clean environment.

HART bag media is factory tested upon receipt and guaranteed to be the specified micron rating.

HART filter bags are superior in strength and seam integrity due to their unique round bottom design which allows for a continuous double stitched seam.

HART filter bags are certified silicone free ensuring bags supplied to the paint and coatings industry will not contaminate the product.

HART filter bags are factory coded to be fully traceable in the unlikely event of a defect in product or workmanship.

HART filter bags are the obvious choice if you demand consistent, dependable, and reliable filtration performance.



Hart Filter Bag Standard Sizes

X1	4" Diameter X 8" Long
X2	4" Diameter X 14" Long
P1	7" Diameter X 17" Long
P2	7" Diameter X 30" Long

Custom sizes also available upon request.

Hart Filter Bag Top Options



“S”

Steel Ring (STD)



“SS”

Stainless Steel Ring



“E”

Molded Polypropylene
E-Z Seal Ring Top



“D”

Polypropylene Ring



“R”

Tie-on top

Hart Filter Bag Media

MEDIA CODE	DESCRIPTION OF BAG MATERIAL
PE	Self supported polyester felt, singed on one side, depth media with good chemical and temperature capabilities, X1, X2, P1 and P2 sizes along with custom sizes.
PO	Self supported polypropylene felt, singed on one side, depth media with excellent acid and alkaline resistance, X1, X2, P1 and P2 sizes along with custom sizes.
PEMU	Polyester multifilament mesh, surface filtration media with good chemical and temperature capabilities, X1, X2, P1, P2 along with custom sizes.
NMO	Nylon monofilament mesh surface filtration media, good chemical resistance, not recommended for acid, good temperature capabilities, X1, X2, P1, P2 sizes along with custom sizes.
NMX	Nomex, aramid fibre felt, good chemical resistance. Excellent high temperature capabilities, X1, X2, P1, P2 sizes along with custom sizes.

Micron Rating / Pressure Rating / Temperature Ratings Chart

MEDIA	MATERIALS	MAX. TEMP.	MAX. PRESS DIFF.*	MICRON RETENTION RATINGS AVAILABLE															
				1	3	5	10	25	50	75	100	150	200	250	300	400	600	800	
PE	Polyester Felt	300°F	75 psi	•		•	•	•	•	•	•		•						
PO	Polypropylene Felt	200°F	75 psi	•	•	•	•	•	•		•								
PEMU	Polyester Multi Filament	300°F	75 psi								•		•	•	•	•	•	•	
NMO	Nylon Mono Filament	250°F	75 psi				•	•	•	•	•	•	•	•	•	•	•	•	
NMX	Nomex Felt	425°F	75 psi	•		•	•	•	•	•	•		•						

*Note: Maximum Differential Pressures are for Closed Systems, and does not apply to tie on bags or bags used without vessels.

How To Order Filter Bags

MATERIAL	MICRON RATING	BAG SIZE	BAG TOP STYLE
PE, PO, PEMU, NMO, NMX	001, 003-800	X1, X2, P1, P2	S, E, D, R, SS

Example	PO	001	P2	S
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Hart Industrial Liquid Filter Bag Housings

STANDARD FEATURES:

- Choice of housings materials include: (CS) Carbon Steel, (SS4) 304 Stainless Steel or (SS6) 316 Stainless Steel.
- Four sizes available in all styles, to fit X1, X2, P1, P2 filter bags.
- Three styles of housings include (OT) Over Top Entry, (SE) Side Entry, (CL) Side Entry with Clamped Cover.
- Hart over the top housings feature 4 swing-bolt lid closure; and side entry housings with bolted covers feature a 3 swing bolt closure.
- All P1 and P2 housings include tripod leg stand.
- NPT Inlet/Outlets.
- Gauge Ports.

- Design pressure rated for 150 psi @ 225° F.
- Housings include 316 Stainless Steel perforated retainer baskets.
- Buna-N O-ring seals.
- CRN numbers on selected models.



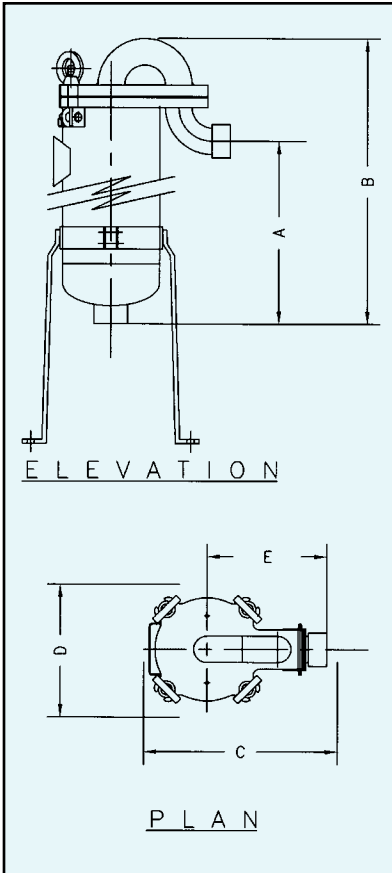
OPTIONS:

- Optional design pressure ratings - 300 psi, 600 psi, or higher on request.
- ASME rated housings.
- Duplexed or Multi-Plexed housings.
- Optional Connections: Flanged, Butt Weld, Socket Weld, or Sanitary.
- Optional O-Ring seals in: Viton, EPR, or Teflon.
- Mesh lined retainer baskets.
- Tripod stands for P1 size housings.
- Displacement balloons.
- Custom fabricated housings available on request.
- Special Alloys.
- Corrosion allowance option.

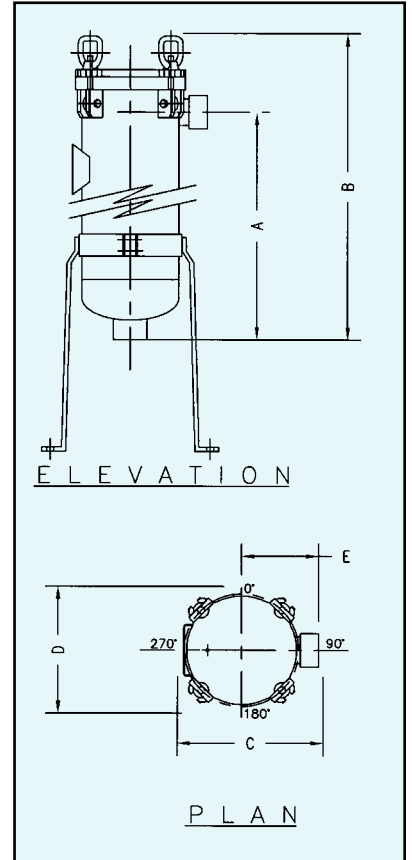


Dimensional Data

← OVER TOP STYLE HOUSING



MODEL	INLET/OUTLET CONNECTION	MAX RATED FLOW - GPM	A	B	C	D	E
P2OT	2" FNPT	180	29 ⁵ / ₈ "	45"	17"	12"	10 ⁵ / ₈ "
PIOT	2" FNPT	90	16 ¹ / ₄ "	25 ³ / ₄ "	17"	12"	10 ⁵ / ₈ "
X2OT	1 ¹ / ₂ " FNPT	40	11 ⁵ / ₈ "	18 ¹ / ₂ "	11"	7"	7 ⁷ / ₈ "
X1OT	1" FNPT	20	7"	14"	11"	7"	7 ¹ / ₆ "



SIDE ENTRY HOUSINGS →

MODEL	INLET/OUTLET CONNECTION	MAX RATED FLOW - GPM	A	B	C	D	E
P2SE	2" FNPT	180	34 ¹ / ₄ "	41 ¹ / ₂ "	13"	12"	6 ³ / ₄ "
PISE	2" FNPT	90	20 ³ / ₈ "	27 ¹ / ₂ "	13"	12"	6 ³ / ₄ "
X2SE	1 ¹ / ₂ " FNPT	40	16 ¹ / ₄ "	20 ³ / ₄ "	8"	7"	4 ¹ / ₈ "
X1SE	1" FNPT	20	11 ⁷ / ₈ "	16 ¹ / ₂ "	7 ¹ / ₂ "	7"	4 ¹ / ₈ "

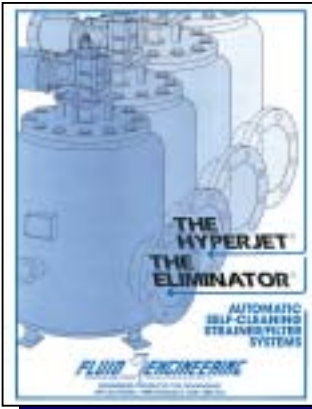
How To Order Filter Bag Housings

CONFIGURATION	SIZE	TYPE	MATERIAL	INLET/OUTLET TYPE
HH - Single	X1 - 4" X 8"	OT - Over Top	CS - Carbon Steel	F - 150# Flanged
HHD - Duplex	X2 - 4" X 14"	SE - Side Entry	SS4 - 304 SS	F300 - 300# Flanged
	PI - 7" X 17"	CL - Clamped cover	SS6 - 316 SS	SAN - Sanitary
	P2 - 7" X 30"			

HART HOUSING	SIZE	TYPE	MATERIAL	INLET/OUTLET TYPE
HH, HHD	X1, X2, PI, P2	OT, SE, CL	CS, 304SS, 316SS	F, F300, SAN

Example	HH	P2	OT	SS6	F
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6 ADDITIONAL ENGINEERED FILTRATION PRODUCT BROCHURES AVAILABLE FROM JOHN BROOKS COMPANY LIMITED



Fluid Engineering Self-Cleaning Strainers Systems

Automatic, motorized self-cleaning strainers provide continuous debris removal from fluid piping systems that demand unattended, full time, uninterrupted flow.



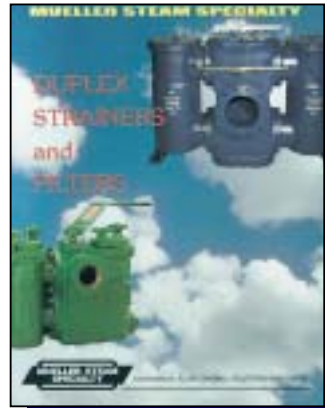
Ronningen-Petter DCF Clean-in-Place Self-Cleaning Filters

Automated DCF mechanical self-cleaning filters allow you to obtain maximum throughput, as they prevent process interruptions, eliminate media replacement, and reduce worker exposure to process fluids.



Lakos Liquids / Solids Separation Systems

Lakos Separator Systems remove solids from liquids through centrifugal action. Solids are transferred to a holding vessel for disposal, recycling or reuse. No moving parts. No replaceable media. No downtime requirements and minimal pressure loss.



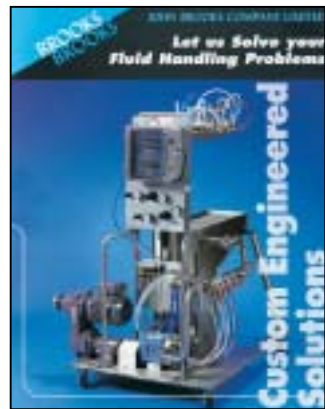
Mueller Steam Specialty's Ball-Plex Duplex Strainers

The perfect choice for applications where systems can't be shut down for strainer basket cleaning. Drop tight shut-off. No leakage into chamber when not in use. Compact design allows installation in the tightest working areas. Fully maintainable without removing strainer from the line.



Ronningen-Petter AFR Tubular Filter

The AFR Tubular Filter System allows for more filter capacity in a smaller, simpler system for dramatically lower installation and operating costs. Capable of handling flow rates up to 2000 GPM and pressures up to 250 PSI.



Custom Engineered Solutions

Our applications engineering staff will select, design, and custom build complete liquid process systems involving pumps, filters, spraying equipment, valves, controls and other components. Each system is designed and engineered to the customer's specific requirements.

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 All from one

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TOLL FREE Tel: 1-877-624-5757 Fax: 1-877-624-5759

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Tel: 604-942-7622
 Fax: 604-942-9429

EDMONTON

Tel: 780-468-4499
 Fax: 780-468-5143

CALGARY

Tel: 403-219-0939
 Fax: 403-250-1440

SASKATOON

Tel: 306-668-4636

WINNIPEG

Tel: 204-786-5529
 Fax: 204-783-4453

MISSISSAUGA

Tel: 905-624-4200
 Fax: 905-624-6379

MONTREAL

Tel: 514-636-6400
 Fax: 514-636-6433

DARTMOUTH

Tel: 902-832-3935
 Fax: 902-832-4567