

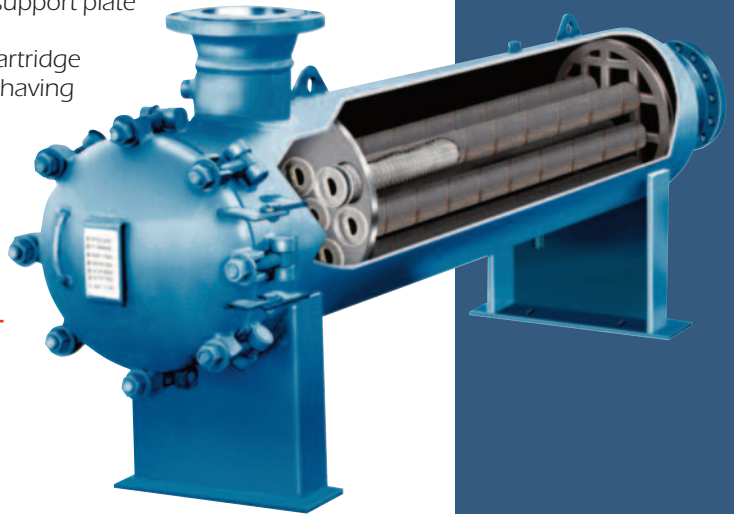
XtreamPure®

HIGH FLOW CAPACITY LIQUID FILTRATION

XTREAMPURE.

FEATURES & ADVANTAGES

- Significantly fewer cartridges to change out than traditional 2.5"OD & 3"OD cartridges. Generally reduces housing case diameter by 1 or 2 sizes smaller.
- Inside-to-outside cartridge flow path forces contaminants to be captured inside and within the cartridge allowing a cleaner cartridge extraction during change-outs.
- High strength outer support attached to OD of cartridge ensures media will not balloon or become embedded in basket support. Also ensures easy removal of cartridge upon extraction during change-out.
- Outer basket support around the cartridge provides pressure ratings up to 50 psid.
- Inside-out flow basket support configuration allows for a wide range of cartridge media types.
- Patent Pending PECOSeal™ technology on cartridge provides absolute sealing of cartridge to basket support and also to cartridge support plate of competitor housings, even when they are out-of-round.
- Cartridge seals against the basket support rather than the cartridge support plate. This results in the cartridge support plate not having to be as thick as competitor's designs.
- Proprietary basket design allows for easy low cost repair of baskets in the event replacement is necessary.

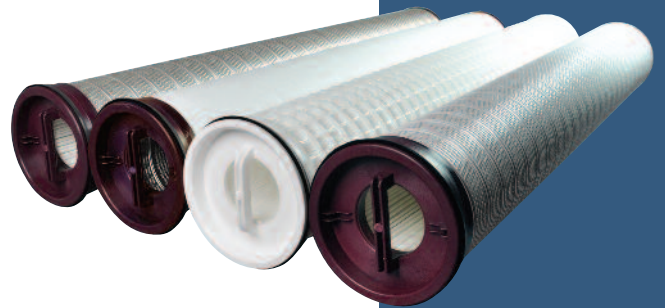


Housings

- Sizes from 10" diameter up to 84" diameter.
- Carbon steel, stainless steel
- Stainless steel basket internals
- Vertical or horizontal configurations
- Standard sizes in stock and custom sizing available

Cartridges

- Available in 40" and 60" lengths
- Wide range of material options available in both pleated and depth style configurations.
- Micron Ratings from 1 to 100
- Flow Direction Inside to Outside
- Cartridges can be retrofit in competitors high flow style housings



- Recommended Change-out Differential Pressure 35 psid
- Maximum Allowable Differential Pressure 50 psid
 - Assuming use of full encirclement basket support sleeve in housing
 - As in any case, do not exceed the housings maximum Differential Pressure rating of cartridge support plate

55HX Horizontal XtreamPure®

Housings Model ¹	No. of Cartridges	Optimal Flow Rate @1cP (gpm) ²	Housing Diameter (in)	Flange Inlet/Outlet Diameter (in)	Housing Length (in) ³	Housing Height (in) ³	Average Contaminant Capacity at Optimal Flow (lbs)
55HX-1-660-10-xxxx	1	300	10 OD	4.5	97	30	28
55HX-3-660-18-xxxx	3	900	18 OD	6.625	104	38	84
55HX-4-660-20-xxxx	4	1,200	20 OD	8.625	110	42	112
55HX-7-660-24-xxxx	7	2,100	24 OD	10.75	115	46	196
55HX-12-660-30-xxxx	12	3,600	30 ID	12.75	122	52	336
55HX-19-660-38-xxxx	19	5,700	38 ID	16	131	60	532
55HX-20-660-42-xxxx	20	6,000	42 ID	16	145	64	560
55HX-31-660-48-xxxx	31	9,300	48 ID	20	156	72	868
55HX-37-660-54-xxxx	37	11,100	54 ID	24	165	78	1,036
55HX-43-660-60-xxxx	43	12,900	60 ID	24	170	84	1,204
55HX-58-660-66-xxxx	58	17,400	66 ID	26	176	90	1,624
55HX-69-660-72-xxxx	69	20,700	72 ID	30	183	96	1,932
55HX-85-660-78-xxxx	85	25,500	78 ID	32	189	102	2,380

- Standard ratings up to 1480 psig / 100 F
- Standard housing material carbon steel w/ stainless steel basket internals
- Other housing materials such as 304SS & 316L available upon request
- All housings are ASME code

55VX Vertical XtreamPure®

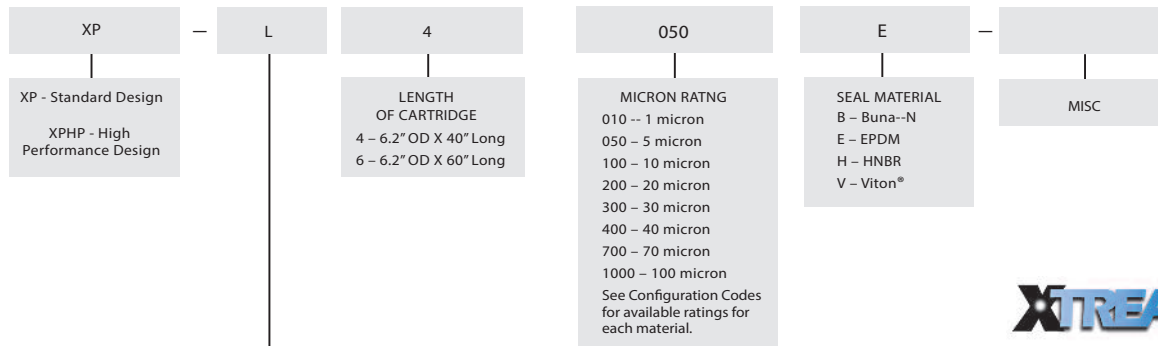
Housing Model ¹	No. of Cartridges	Optimal Flow Rate @1cP (gpm) ²	Housing Diameter (in)	Flange Inlet/Outlet Diameter (in)	Housing Length (in) ³	Housing Height (in) ³	Average Contaminant Capacity at Optimal Flow (lbs)
55VX-1-640-10-xxxx	1	200	10 OD	3.5	18	84	19
55VX-3-640-18-xxxx	3	600	18 OD	6.625	26	95	57
55VX-4-640-20-xxxx	4	800	20 OD	6.625	28	96	76
55VX-7-640-24-xxxx	7	1,400	24 OD	8.625	34	104	133
55VX-12-640-30-xxxx	12	2,400	30 ID	10.75	40	114	228
55VX-19-640-38-xxxx	19	3,800	38 ID	12.75	48	124	361
55VX-20-640-42-xxxx	20	4,000	42 ID	16	52	149	380
55VX-31-640-48-xxxx	31	6,200	48 ID	16	58	152	589
55VX-37-640-54-xxxx	37	7,400	54 ID	18	66	165	703
55VX-43-640-60-xxxx	43	8,600	60 ID	20	72	170	817
55VX-58-640-66-xxxx	58	11,600	66 ID	24	78	189	1,102
55VX-69-640-72-xxxx	69	13,800	72 ID	24	84	192	1,311
55VX-85-640-78-xxxx	85	17,000	78 ID	26	90	201	1,615

¹ xxxx = pressure rating

² Optimal flow rate for highest contaminant loading capacity. Maximum flow rate allowable per 40" cartridge 350 gpm. Maximum flow rate allowable per 60" cartridge 500 gpm.

³ Housing length & height dimensions are based on 1480 psi design pressure. The dimensions will be smaller as design pressure goes down.

CARTRIDGE ORDERING INFORMATION



XTREAMPURE.

STANDARD CONFIGURATION CODES

L -	Pleated Polypropylene, Polypropylene Cage and End Caps, EPDM Seal, Temp Limit: 180° F Micron Ratings: 5, 10, 20, 40, 70, 100
E -	Pleated Polyester, Nylon End Caps, Tin Plated Louvered Canbody, Buna-N Seal, Temp Limit: 240° F Micron Ratings: 5, 10, 20, 40, 70, 100
G1 -	Pleated Fiberglass/Acrylic Backing, Nylon End Caps, Tin Plated Louvered Canbody, Viton Seal, Temp Limit: 250° F Micron Ratings: 1, 5, 10, 20, 30
G2 -	Pleated Fiberglass/Acrylic Backing, Nylon End Caps, Corrosion Resistant Canbody, Viton Seal, Temp Limit: 250° F Micron Ratings: 1, 5, 10, 20, 30
GHT1 -	Pleated Fiberglass/Epoxy Backing, Nylon End Caps, Tin Plated Louvered Canbody, Viton Seal, Temp Limit: 350° F Micron Ratings: 1, 5, 10, 20, 30
GHT2 -	Pleated Fiberglass/Epoxy Backing, Nylon End Caps, Corrosion Resistant Canbody, Viton Seal, Temp Limit: 350° F Micron Ratings: 1, 5, 10, 20, 30
C1 -	Pleated Cellulose, Nylon End Caps, Tin Plated Louvered Canbody, Buna-N Seal, Temp Limit: 250° F Micron Ratings: 5, 10, 20, 40
C2 -	Pleated Cellulose, Nylon End Caps, Corrosion Resistant Canbody, Buna-N Seal, Temp Limit: 250° F Micron Ratings: 5, 10, 20, 40
PCHE -	Depth Polyester PEACH®, Nylon End Caps, Buna-N Seal, Temp Limit: 240° F Micron Ratings: 5, 10, 20, 40, 70
PCHL -	Depth Polypropylene PEACH®, Polypropylene End Caps, EPDM Seal, Temp Limit: 180° F Micron Ratings: 5, 10, 20, 40, 70

XPHP available on configuration codes E, L, G1, G2, GHT1, GHT2.

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