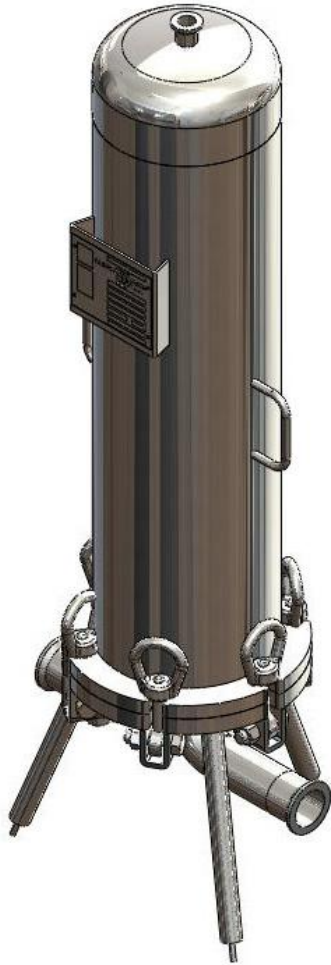




ESN SERIES

Sanitary Cartridge Filter
Housing
Universal



Water



Chemicals



Electronics



Food & Beverage



Air/Gas



Power

ESN SERIES Universal Sanitary Filter Housings

- Sanitary filter housings.
- Accepts single and multiple 10", 20", 30" or 40" cartridges.
- 150psig (10.3bar) @ 250°F(121.1°C) design pressure.
- Vessels available in stainless steel 316.
- Housings accept industry 222 and 226 style cartridges.
- Swing bolt closure allows for quick element change out.
- Bolting material is stainless steel.
- Electropolished internal and external surfaces (internal 25Ra).

For pricing or to order, please contact



204 North Link Lane #7
Fort Collins, CO 80524
Office 970-204-4758
Fax 970-204-4764

brandon@industrialfiltersource.com

ESN SERIES

Sanitary Cartridge Filter
Housing
Universal

Housing Specifications:

Inlet/Outlet
1" -3" Tri Clamp

Dirty Drain
1/2" NPT

Clean Drain
1/2" NPT

Vent
1" NPT

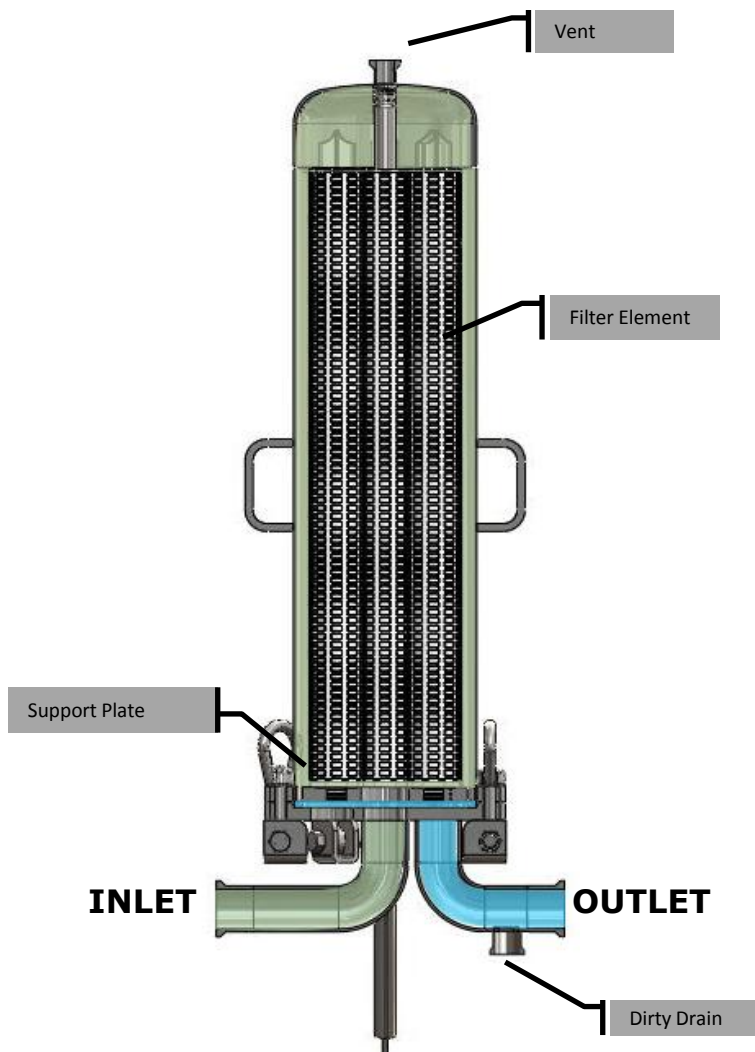
MECHANICAL SPECIFICATIONS

MODEL	# OF 2.75" FILTERS	FLOW RATE-GPM (2.75" FILTERS)	MAX INLET/OUTLET (IN)
ESN01	1	5	1"
ESN03	3	15	1 1/4"
ESN05	5	20	2
ESN07	7	105	2
ESN011	11	165	3

* Flat Cover Design

** Domed top with hinge cover lift.
Mechanical davit available upon request.

Flow rates based on water at 5gpm/10" (Assuming 40" Cartridges). Actual Flow rate is dependent on fluid viscosity, cartridge micron rating, contaminant and type of media.



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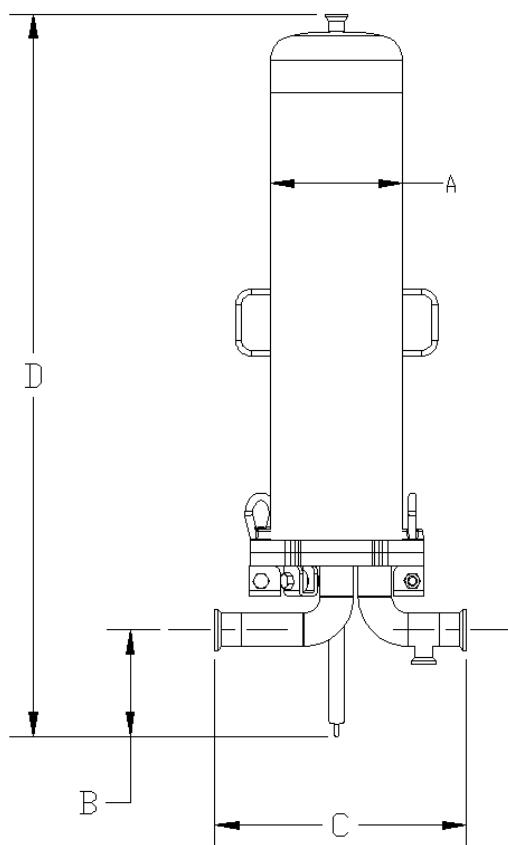
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MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE (PSI @250°F)	MAX. DESIGN TEMP
316 STAINLESS STEEL	100 psi (6.8bar)	400°F (204°C)

*For more options contact factory.

ORDERING INFORMATION

MODEL	SHIPPING WEIGHT (LBS)	A (OD)	B (FLOOR TO INLET)	C (FLOOR TO OUTLET)	D (O/A HEIGHT)
ESN01-1-1TC	50LBS	4"	3 ½"	7 5/8"	28"
ESN01-2-1TC	60LBS	4"	3 ½"	7 5/8"	38"
ESN01-3-1TC	70LBS	4"	3 ½"	7 5/8"	48"
ESN01-4-1TC	80LBS	4"	3 ½"	7 5/8"	58"
ESN03-1-2TC	40LBS	6 5/8"	4 ½"	11.5"	28"
ESN03-2-2TC	50LBS	6 5/8"	4 ½"	11.5"	38"
ESN03-3-2TC	60LBS	6 5/8"	4 ½"	11.5"	48"
ESN03-4-2TC	70LBS	6 5/8"	4 ½"	11.5"	58"
ESN05-1-2TC	50LBS	8"	7 7/8"	12"	28"
ESN05-2-2TC	60LBS	8"	7 7/8"	12"	38"
ESN05-3-2TC	70LBS	8"	7 7/8"	12"	48"
ESN05-4-2TC	80LBS	8"	7 7/8"	12"	58"
ESN07-3-2TC	80LBS	10 3/4"	8"	14.5"	49"
ESN07-4-2TC	95LBS	10 3/4"	8"	14.5"	59"
ESN11-3-2TC	80LBS	12 3/4"	7"	18 1/8"	49"
ESN11-4-2TC	95LBS	12 3/4"	7"	18 1/8"	59"



FIL-TREK PRODUCT NOMENCLATURE

MATERIAL	MODEL	NUMBER OF CARTRIDGES	LENGTH OF CARTRIDGES	SIZE OF INLET/OUTLET	CARTRIDGE CONNECTION
S6 – SS316	ESN	1	10"	2	E4 – SOE FLAT END W/222
		3	20"	(TRI-CLAMP)	E5 – SOE FLAT END W/226
		5	30"		E6 – SOE FLAT END W/222
		7	40"		E7 – SOE FLAT END W/226

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ESN SERIES

Sanitary Cartridge Filter
Housing
Universal

Gasket Options

BN – Buna N
ED – EPDM
SI – Silicone
VI – Viton
TV – Teflon Encapsulated Viton
TF- Teflon

Accessories

DP Gauges
Safety Relief Valves
Vent Valves
Drain Valves
Air Eliminator

Element Selection

E4: SOE Flat End 222 Open End
E5: SOE Fin End 222 Open End
E6: SOE Flat End 226 Open End
E7: SOE Fin End 226 Open End

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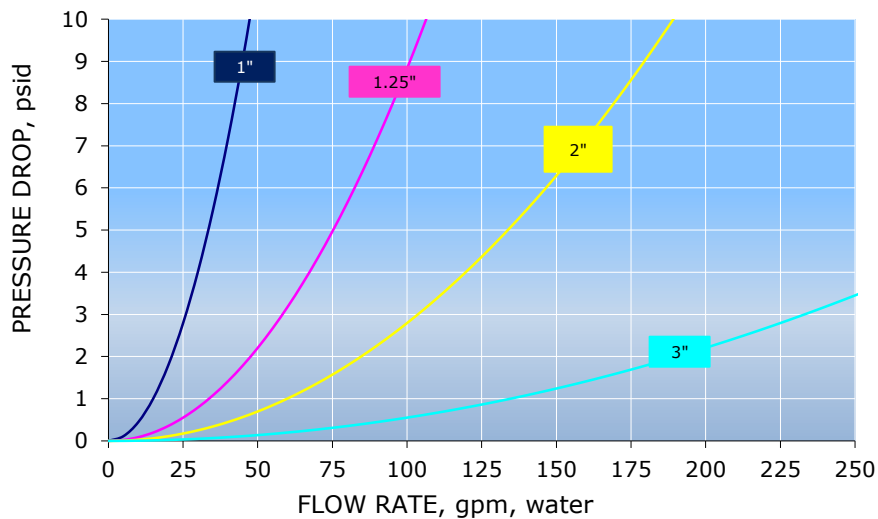
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ESN SERIES

Sanitary Cartridge Filter
Housing
Universal

FLOW CHART

**HOUSING PRESSURE DROP
vs LIQUID FLOW RATE**



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