

1-Round HX Cartridge Filter Housings

FACT SHEET

Stainless Steel



Figure 1: HX and HX-22 Subassemblies

Veolia Single-Round Cartridge Filter Housings (Figure 1) combine convenience with quality to meet the challenges of a variety of applications. These stainless steel housings are available in various configurations to accept many styles of cartridges.

General Properties

Table 1: Specifications

Liquid Pressure Rating	250 psig @ 150°F (17.2 bar @ 66°C)
Housing Material	316 Stainless Steel
Inlet/Outlet Connections	3/4 -inch (19.1 mm) FNPT
Upstream Drain Port	1/4 -inch (6.35 mm) FNPT
Post-Filter Gauge Port	1/4 -inch (6.35 mm) FNPT (plugged)
O-Ring Material	Buna-N standard; EPDM, Silicone, Viton ¹ and Teflon ¹ encapsulated Viton optional
Cartridge Lengths	9.25–10.0-inch (23.5–25.4 cm) 19.25–20.0-inch (48.9–50.8 cm)
Finish	Satin Finish

¹Viton and Teflon are trademarks of The Chemours Company.

Table 2: Features and Benefits

Stainless Steel Construction	Stainless steel provides proven corrosion resistance and strength. The housing's durable construction is capable of handling frequent on/off cycling or harsh chemical environments.
V-Band Clamp Closure	Quick and easy cartridge filter replacement reduces labor costs and downtime. The V-band clamp is designed for maximum durability and trouble-free operation.
Cartridge Sealing Mechanism	The HX models utilize a drawbar and seal cup to provide a worry-free cartridge seal. The HX-222 model uses a special head to seal the 222 O-ring adapter. Both of these designs allow inspection of all seals before the sump is secured in place.
Cartridge Compatibility	Cartridge filter housings are designed for use with Hytrex*, Purtrex*, Selex*, and Memtrex* brand cartridges, and most other brands of cartridge filters from 2.25- to 3.13-inch (5.7 to 8.0 cm) outer diameter (OD).
Tungsten Inert Gas (TIG) Welding	All TIG welding is done at Veolia factories for the highest quality control.

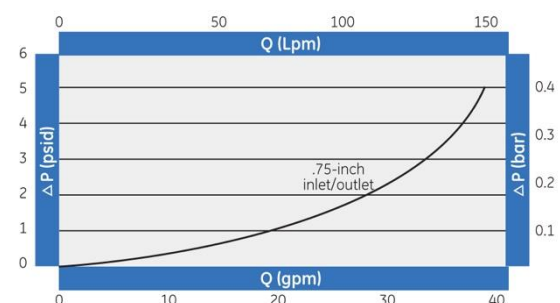
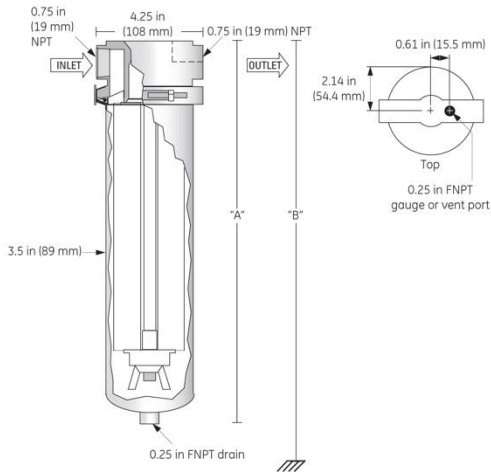


Figure 2: Pressure Drop vs. Flow Rate (Empty Housing)

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Note: Draw bar and bottom seal cup are not included with HX-222 models.

Figure 3: Housing Specifications

Table 3: Housing Specifications

Model	Flow Rate ² gpm (Lpm)	Length "A" (Overall housing height) Inch (cm)	Length "B" (Height required to remove cartridges) inch (cm)	Empty weight lb (kg)
HX0110-.75T-316-A	≤ 5 (19)	15.3 (39)	27 (69)	8 (4)
HX0120-.75T-316-A	≤ 10 (38)	25.3 (64)	47 (119)	11 (5)
HX0110-.75T-316-A-222	≤ 5 (19)	15.3 (39)	27 (69)	8 (4)
HX0120-.75T-316-A-222	≤ 10 (38)	25.3 (64)	47 (119)	11 (5)

²Flow rate is dependent upon cartridge filter selection, fluid properties, and maximum acceptable pressure drop.

Table 4: Ordering Information - Sample: HX0120-.75T-316-A-222

Hytrex Filter Housing	Number of Cartridges per Housing	Cartridge Length		Inlet/Outlet Size (Inch)	FNPT Port-Type		Housing Material 316SS		V-Band Clamp Closure
HX	01		-	.75	T	-	316	-	A
		10-inch							
		20-inch							

Table 5: Optional Accessories

Part Number	Description
1113394	Pressure Gauge, Bottom Mount, 316SS, ¼ " MNPT, 0-300 psig (20.7 bar)
1154709	T-Handle for V-Band Clamp
1157712	HX01 EPDM Housing Seal Kit
1157722	HX01 Viton Housing Seal Kit
1157727	HX01 Silicone Housing Seal Kit



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