



Hydraulic ELEMENT HOUSINGS

Hydraulic Element Housings are designed for the removal of particulate from oils and industrial fluids. Our housings accept standard element inner diameters of 2.625 to 3.5 inches, outer diameters of 6 or 7 inches and heights up to 36 inches. Quality construction and design assure clean effluent and protection for all downstream equipment.

APPLICATIONS

- Filtering Diesel Fuel
- Fuel Oils
- Hydraulic Systems
- Industrial Process Fluids
- Mineral Oil
- Solvents
- Transformer Oils

FEATURES

- Flow rates to 120 gpm
- Carbon or 304 Stainless Steel construction
- 100 PSI pressure rating at 250°F
- Low pressure drop
- 3-bolt swing lid with eye nuts allows for easy opening and closing
- Buna-N® lid seal
- Optional inlet port/drain port
- Full tie-rod element connections for positive seal
- Two-inch in-line connection design
- Two-part epoxy finish on carbon steel vessels

SPECIFICATIONS

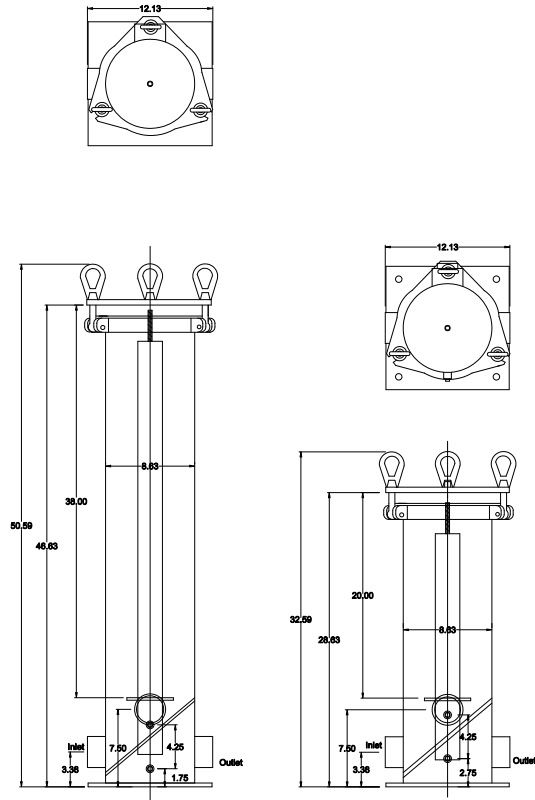
Housing Lid	3-bolt swing closure with vent port
Lid Seal	Buna-N® o-ring
Connections	2-inch NPT couplings for in-line or 90° setting
Clean-out Port	2-inch bottom
Construction/Finish	Carbon steel w/two-part epoxy finish; 304 or 316 Stainless Steel w/satin finish
Element Seal	Full tie-rod with aluminum hand nut for positive seal
Pressure Rating	100 PSID
Elements	Not supplied; order separately



**Pentair
Industrial**

Hydraulic Element Housings

DIMENSIONS



AVAILABLE ELEMENT SPECIFICATIONS

Component	Material/Valve Construction
Size	6-inch OD × 2.625-inch ID × 18-inch HT (single), 36-inch HT (double)
Media (Particulate)	Phenolic resin-impregnated cellulose
Media (Water Removal/Particulate)	Laminated adsorbent and resin-impregnated cellulose, 3 liters water-holding capacity per 18-inch element height
Outer Wrap	Electronic tinplate with 3/32-inch openings
Endcaps	Aluminized Steel
Center Core	Heavy duty spiral-locked, corrugated steel rated at 75 PSID
Gaskets	3/32-inch Buna-N®
Surface Area	34 square feet per 18-inch element height
Recommended Change-Out	15-20 PSID
Flow Rate at 100 PSI	60 gpm at 150 SSU/1 PSID per 18-inch of element height



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