316 STAINLESS STEEL, SINGLE-TUBE FILTER HOUSING

This single-tube cartridge filter housing is made of cast 316 stainless steel and includes 316 stainless steel shell. Housings are available to accommodate 10, 20 or 30-in Code F filter cartridges. The inlet and outlet are 3/4" NPT, and the bowl of each housing is fitted with a 1/4" NPT drain and vent plug. This cartridge filter housing is ideal for a wide variety of low flow applications requiring a high quality prefilter housing or for applications where an industrial pre-filter is used.

- Single tube housings accommodate 10", 20" and 30" Code F filter cartridges
- Housing uses 316SS for construction of the head, bowl and port plug
- Inlet and outlet connections are made to the housing head, allowing cartridges to be replaced without disconnecting the inlet/outlet piping
- Housing can be autoclaved or hot-water sanitized with the cartridges in place for your convenience

FILTER HOUSING SPECIFICATIONS

Dimensions

	Length (A)	Width (B)
10-in Housing	13.5" (34.3 cm)	4.75 (12.1 cm)
20-in Housing	23.5" (59.7 cm)	4.75 (12.1 cm)
30-in Housing	33.5" (85.1 cm)	4.75 (12.1 cm)

Materials

Bowl and Head	316L Stainless Steel
Port Plugs	316 Stainless Steel
O-Ring	Ethylene Propylene

Operating Parameters

Max Operating Pressure	175 psi (12.1 bar) @ 200°F (93°C)
Max Housing Flow Rate	12 gpm (45.4 lpm)

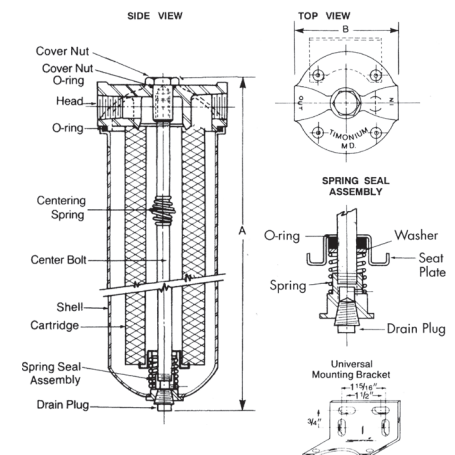*Note: Housing rating only, safe operating pressure will depend on filter cartridge and gaskets used.*

Connections

Inlet/Outlet	3/4" NPT
Drain	1/4" NPT

Mounting

Should be mounted by rigid pipe connections or with optional mounting bracket. Allow enough clearance below bottom of housing to allow cartridge to be changed.

Flow Direction

"Inlet" and "Outlet" are cast on the housing head for user convenience.

ORDERING INFORMATION

Catalog Number	Description
ZHDFD1001	10" Housing
ZHDFD2001	20" Housing
ZHDFD3001	30" Housing
ZHDXDB001	Mounting Bracket

HOUSING PRESSURE DROP vs. LIQUID FLOW RATE

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