



## High Temperature CARTRIDGE HOUSINGS

High Temperature Cartridge Housings are constructed of glass-reinforced nylon and provide an economical alternative to stainless and carbon steel housings.

### APPLICATIONS\*

- Alcohol
- Organic Solvents
- Petroleum
- Sea Water
- Vegetable Oils

*\*Not to be used with ketones.*

### FEATURES

- Flow rates up to 20 gpm
- Withstand temperatures up to 165°F (.5-inch housings) and 125°F (.75-inch housings)
- Durable glass-reinforced nylon construction
- Excellent chemical compatibility
- Excellent alternative to stainless and carbon housings
- #241 o-ring for dependable sealing

### HOUSING OPTIONS

- Available in 0.5-inch NPT Slim Line® and 0.75-inch NPT Standard housings
- Available in 10- and 20-inch lengths

### SPECIFICATIONS

| Component           | Material/Value  |
|---------------------|---|
| Housing             | Glass-Reinforced Nylon  |
| Cap                 | Glass-Reinforced Nylon  |
| O-ring              | Slim Line® Housings Viton®<br>Standard Housings Silicone            |
| Maximum Temperature | 0.5-inch Housing 165°F (73.9°C)<br>0.75-inch Housing 125°F (51.7°C) |
| Maximum Pressure    | 125 PSI (8.62 bar)  |

**CAUTION:** Protect against freezing to prevent cracking of the filter and water leakage.

## HOUSING SPECIFICATIONS AND PERFORMANCE

| Model          | Inlet/Outlet Size (in.) | Maximum Dimensions                 | Initial ΔP (PSI) @ Flow Rate (gpm) |
|----------------|-------------------------|------------------------------------|------------------------------------|
| #10 Standard   | .75"                    | 12.125" x 5.125" (308 mm x 130 mm) | <1 PSI @ 8 gpm (<0.1 bar @ 30 Lpm) |
| #20 Standard   | .75"                    | 22.25" x 5.125" (565 mm x 130 mm)  | <1 PSI @ 8 gpm (<0.1 bar @ 30 Lpm) |
| #10 Slim Line® | .5"                     | 11.75" x 4.375" (298 mm x 111 mm)  | 5 PSI @ 8 gpm (<0.4 bar @ 30 Lpm)  |

## TEST DATA

High Temperature Housing Water Flow Rate

