

# **LTFH** Reusable Filter Housing

## PRODUCT DATA SHEET

***Eco-friendly option for filtration.***

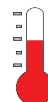
Designed for  
continuous filtering  
of high temperature  
corrosive chemicals

Reusable housing  
eliminates the need  
to replace costly filter  
housing

Fast filter change-outs  
without removing the  
fluid connections

Durable, heavy  
wall PTFE outlasts  
comparable thin-wall  
 housings

Spin-on ring ensures  
quick, positive seal  
and reduced cartridge  
maintenance clearance



Up to 180C (356°F)



Continuous at 2.75 bar  
(40 PSI)

**PROCESS  
TECHNOLOGY**

ISO 9001:2015  
WITH DESIGN CERTIFIED

## Features & Values

- The LTFH Series Filter Housing is designed for continuous filtering of high-temperature corrosive chemicals and delivers superior field service life because it is reusable, so only the filter cartridge needs to be replaced.
- Reduced cost of ownership (COO): The need to replace the filter housing with cartridge change eliminated with housing design.
- Spin-on ring assembly not only ensures a positive seal every time, but it also enables quick and easy cartridge replacement with no damage to the housing o-ring. Housing collar retainer ring and filter cartridge clip substantially reduce cartridge maintenance clearance space.
- Reduced downtime (MTTR): Fast filter cartridge change-outs without the need for removing the fluid connections.
- Enhanced service life: Durable, heavy wall PTFE construction lasts substantially longer than comparable thin wall PFA housings.
- Exceptional chemical compatibility: 100% PTFE fluoropolymer wetted surfaces are compatible with virtually all chemistries.

## Specifications

### Construction

- 100% heavy wall PTFE fluoropolymer wetted surfaces
- End cap mounting holes
- Filter body slides on and locks into position by means of a spin-on ring assembly (spanner wrench included)
- Able to be mounted upright or inverted (mounting bracket available)

### Temperature/ Pressure Range

Up to 180° C (356° F) continuous at 2.75 bar (40 PSI).

### Fluid Connections

- 70mm, 10-inch, 222 o-ring SOE filter cartridge
- 83mm, 10-inch, 222 o-ring SOE filter cartridge
- 70mm, 20-inch, 222 o-ring SOE filter cartridge

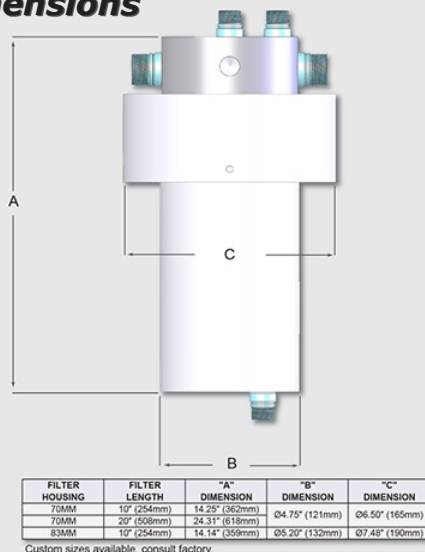
### Cartridge Housing Sizes Available

- 1/2-inch (12mm) to 1-inch (25mm) Flaretek® or Super 300 Type Pillar® process connections
- 1/8-inch (3mm) to 1/2-inch (12mm) Flaretek® or Super 300 Type Pillar® drain/vent connections

## Model Number Breakdown

| LTFH        | 70                                   | 10                                                                            | B                                                                                                                                                                                        | A                                                                                                                                                                                                                                                                        | Z                                                                                                                                                                         |
|-------------|--------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LTFH series | Filter diameter                      | Length                                                                        | Inlet and Outlet Connections                                                                                                                                                             | Chamber End Connection (Drain in upright position)                                                                                                                                                                                                                       | Head Connections (Bleed in upright position)                                                                                                                              |
|             | 70 = 70mm filter<br>83 = 83mm filter | 10 = 10" overall length<br>20 = 20" overall length<br>30 = 30" overall length | A = 1/2" Flared<br>B = 3/4" Flared<br>C = 1" Flared<br>S = 3/8" Flared<br>T = 3/8" Super 300 Pillar<br>V = 1/2" Super 300 Pillar<br>W = 3/4" Super 300 Pillar<br>X = 1" Super 300 Pillar | O (or 0) = No connection<br>A = 1/2" Flared<br>B = 3/4" Flared<br>S = 3/8" Flared<br>T = 3/8" Super 300 Pillar<br>V = 1/2" Super 300 Pillar<br>W = 3/4" Super 300 Pillar<br>Y = 1/4" Super 300 Pillar<br>Z = 1/4" Flared<br>2 = 1/8" Super 300 Pillar<br>3 = 1/8" Flared | O (or 0) = No connections<br>A = 1/2" Flared<br>S = 3/8" Flared<br>T = 3/8" Super 300 Pillar<br>V = 1/2" Super 300 Pillar<br>Y = 1/4" Super 300 Pillar<br>Z = 1/4" Flared |

## Dimensions



**PROCESS  
TECHNOLOGY**