

## Flexotherm<sup>®</sup> Heated Filter Valve

### Flexotherm<sup>®</sup> Heated Filters Exceed Industry Standards

#### Key Features

Flexotherm<sup>®</sup> Heated Filters are made of durable stainless steel

FLT-1069 filters the sample stream before being routed to the analyzer

Ability to introduce additional gases into the flow stream

LED displays to instantly determine valve status

Dupont<sup>™</sup> Krytox<sup>®</sup> performance lubricant

Flexotherm<sup>®</sup> Heated Filter Valves are the industry standard for emissions testing and chemical analysis. Quality engineered inside and out. Virtually indestructible stainless steel for durability. Flexotherm makes a full line of custom heated filters.

#### Features

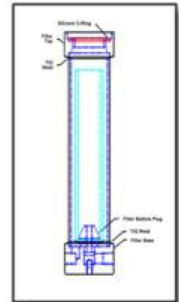
- ◆ Stainless steel wetted parts with Silicone O-Rings
- ◆ Dupont<sup>™</sup> Krytox<sup>®</sup> performance lubricant used on O-Rings
- ◆ Bottom sliding O-Ring seal is eliminated to avoid high failure rates due to heat and carbon.
- ◆ Replaceable input / output ports

- ◆ Improved element guide
- ◆ All heaters mate to heated hoses
- ◆ Insulated mounting plate
- ◆ Variety of heater voltages
- ◆ NPT or Swage-type ports
- ◆ Up to 450° F operating temperature standard
- ◆ Choice of Temperature ranges:
  - ◆ 191-200°C Operating temperature
  - ◆ 232°C maxi media temp
  - ◆ 343°C maximum heater temp.



#### Specifications:

- ◆ Available with 1" x 7" or 1" x 2 1/2" filter element standard
- ◆ 1/4" or 3/8" tube stub ports standard (other sizes available, including metric)
- ◆ Auxiliary for slave devices are included on all sample path ports
- ◆ 30 to 100 PSIG required to actuate the valve
- ◆ 90° pneumatic actuator on the plug valve
- ◆ Can be ordered with or without controllers.



**Flexotherm<sup>®</sup> 316 Stainless Steel filter housings** for emissions testing and chemical analysis. Designed for use in a heated filter set-up or as a stand-alone filter.

- ◆ All Stainless Steel components—electro-polished inside and out.
- ◆ Handle Shaft insulated with Teflon<sup>®</sup>
- ◆ Positive Handle STOP/DETENT to assure proper assembly position
- ◆ High-Temp Silicone O-Rings
- ◆ DuPont Krytox<sup>®</sup> Performance Lubricant
- ◆ Available in Long (1" x 7" Filter Element) or Short (1" x 2.5" Filter Element)



## Warranty

All of our quality heated products are backed by a limited Two-Year Warranty:

- ◆ Full Coverage on repairs caused by defects in workmanship
- ◆ Repaired on-site whenever possible to minimize downtime.
- ◆ Quick turn-around time on repairs
- ◆ Phone support during repair process.



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## About Us

Flexotherm<sup>®</sup> is a division of Neptech, Inc.—manufacturer of quality heated products since 1994. Our mission is to partner with industry leading companies to harness technologies that help reduce emissions and meet corporate, government and EPA standards.

We have built a quality reputation for consistently delivering innovative and cost-effective solutions that benefit the bottom line.

Our multi-faceted engineering, design and manufacturing capabilities enable us to provide a complete array of products and services to R&D facilities and OEMs worldwide.

## Contact Us

If you have any questions or need additional information, please call (810) 225-2222

Or visit our website:

[www.Flexotherm.net/heated-filters](http://www.Flexotherm.net/heated-filters)

