



**UNIQUE HEATED  
PRODUCTS**

**Get your quote today!  
586-783-5725**

## **TEE HANDLE HEATED FILTERS**

**Unique's Tee Handle Heated Filters** are designed to maintain temperatures during the processing of air, emissions, and gaseous samples. Unlike the competition, who simply heats a filter housing intended for use in ambient temperatures, **UHPI's** Heated Filter housings were designed specifically to be heated with our proprietary heating element applied to the entire housing surface. Our design includes recessed static "O" ring seals and superior insulations for the most temperature stable heated filter on the market.

Meet tomorrow's regulations today - CALL **UNIQUE**



### **FEATURES AND SPECIFICATIONS**

**MODEL FLT-1584** - For use with Automotive, Diesel, CEM, Laboratory and general filtration applications.

- Filter Volume approximately 50ml (with element)
- 1.7 A @ 120 VAC 450° F Operation
- .50 CV Factor
- 1" ID x 2 ½" Filter Element
- Stainless Steel Exterior for maximum durability & easy maintenance
- 316 Stainless Steel Construction (all wetted parts)

### **FEATURES AND SPECIFICATIONS**

**MODEL FLT-1069** - For use with Automotive, Diesel, CEM, Laboratory and other filtration applications where particulate build-up is high.

- Filter Volume approximately 100ml (with element)
- 1.7 A @ 120 VAC 450° F Operation
- .50 CV Factor
- 1" ID x 7" Filter Element
- Stainless Steel Exterior for maximum durability & easy maintenance
- 316 Stainless Steel Construction (all wetted parts)



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Clinton Twp. MI 48036

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More specifics on the filters available for your typical applications



### **FEATURES AND SPECIFICATIONS**

**MODEL FLT-2394** - For use with Automotive, Diesel, CEM, Laboratory and other filtration applications with low particulate levels. Low volume for faster response time.

- Filter Volume approximately 40ml (with element)
- 600 m A @ 120 VAC 450° F Operation
- .22 CV Factor
- ½" ID x 2 1/4" Filter Element
- Stainless Steel Exterior for maximum durability & easy maintenance
- 316 Stainless Steel Construction (all wetted parts)

### **FEATURES AND SPECIFICATIONS**

**MODEL FLT-2393** - For use with Automotive, Diesel, CEM, Laboratory and other filtration applications with low particulate levels. Low volume for faster response time.

- Filter Volume approximately 20ml (with element)
- 600 m A @ 120 VAC 450° F Operation
- .22 CV Factor
- ½" ID x 1 1/8" Filter Element
- Stainless Steel Exterior for maximum durability & easy maintenance
- 316 Stainless Steel Construction (all wetted parts)



**Unique's** filter housings feature powder-coated stainless steel exteriors to increase operator safety. The filter element is secured to the handle assembly for fast and easy replacement, which puts your filter back in service with the least amount of down time. All filters are available in your choice of voltage, temperature sensor, port type & size, and a variety of other options.



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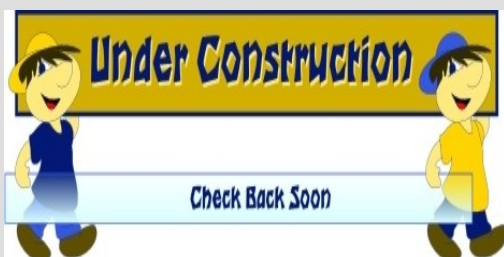


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## **OPTIONS FOR TEE HANDLE HEATED FILTERS**

**Unique Heated Products** is proud to introduce the most innovative options available for our Tee Handle Heated Filter product line.



### **FEATURES AND SPECIFICATIONS**

**DIFFERENTIAL PRESSURE SWITCH (DPS)** - This option is used to determine when the filter element needs replacement. Preventing an aborted test resulting from clogged filter elements saves time and money. As the pressure drops, the DPS (normally open) closes and a red LED illuminates to alert the operator. All **UHPI** filters come equipped with the differential pressure taps necessary to accommodate the DPS option, which mounts on the filter via a stainless steel band clamp.

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## **TEE HANDLE HEATED FILTERS ORDERING GUIDE**

EXAMPLE: FLT-1069-B-E-6-A-AK-RXX-000

	^	^	^	^	^	^	^	^
FIELD NUMBER:	1	2	3	4	5	6	7	8

**1. FILTER HOUSING**

1069-T-HANDLE 1" X 7"  
1584-T-HANDLE 1" X 2 1/2"  
2394-T-HANDLE 1/2" X 2 1/4"  
2393-T-HANDLE 1/2" X 1 ? "

**2. TEMPERATURE RANGE**

A-100° C (212° F)  
B-200° C (392° F) (MOST COMMON)  
C-300° C (572° F)  
D-400° C (752° F)  
E-500° C (932° F)

**3. PORT CONNECTION TYPE**

E-TUBE STUBS (STANDARD)

FOR ALL OTHER OPTIONS PLEASE  
CONTACT UHP SALES AND TECH  
SUPPORT

**4. PORT SIZE**

ENGLISH	METRIC
4-1/4 INCH	M4-4MM
6-3/8 INCH	M6-6MM
8-1/2 INCH	M8-8MM

**5. HEATER VOLTAGE**

A-120 VAC  
B-230 VAC  
G-12 VDC  
H-208 VAC  
I-480 VAC  
M-24 VDC

**6. SENSOR TYPE**

A-THERMOCOUPLE (J OR K)  
B-THERMISTOR  
C-RTD (PT100)  
D-ADJUSTABLE T-STAT  
E-SELF LIMITING

**7. POWER CABLE TYPE (LENGTH)**

A-7 PIN CONNECTOR (13 AMP MAX)  
B-7 PIN CONNECTOR (45 AMP MAX)  
D-LOOSE WIRE W/STRIPPED ENDS  
E-SO CORD W/NEMA 5-15 PLUG  
F-FLEXIBLE CONDUIT  
G-MIL SPEC CONNECTOR  
H-CLASS 1 DIV 2  
I-CLASS 1 DIV 1  
J-3 PIN MOLEX CON. (11 AMP MAX)  
K-SO CORD W/NEMA 6-30 PLUG  
L-REMOTE T-STAT  
M-MALE TWIST LOCK W/TC  
N-9 PIN CONNECTOR (13 AMP MAX)  
R-CONNECTOR BOX W/7 PIN CON.

**8. OPTIONS**

FOR ALL OPTIONS PLEASE SEE  
OPTIONS PAGE OR CONTACT  
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