



# Hotline® Electric In-Line Fuel Heater

## FEATURES

### SELF-REGULATING

- The self-regulating feature enables the heater to vary its power output in response to sensed changes in temperature at every point along its length.
- As temperature increases, the heater automatically decreases its heat output, providing dependable over heat protection.

### RELIABLE

- Rugged construction and self regulating thermal element ensure a long service life.
- Minimum maintenance.
- Thaws gelled diesel fuel in 3-4 minutes & eliminates fuel waxing on the road.

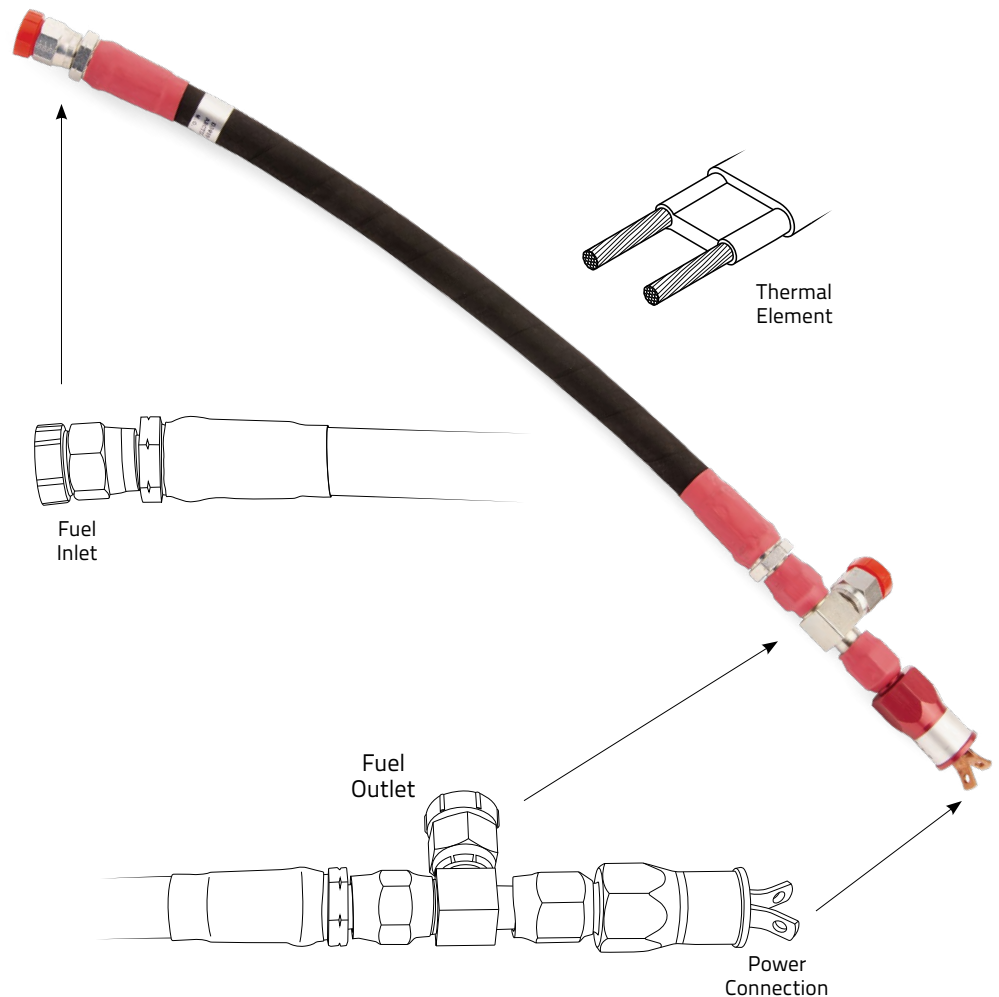
### EASE OF INSTALLATION

- Replaces a portion of the fuel suction line between the fuel tank and fuel filter.
- All kits are complete with electrical components and wiring harness.
- OEM or aftermarket installations.

### ENERGY EFFICIENT

- Energy consumption based on fuel temperature.
- Compatible with biofuel blends upto B-50.

The Hotline® Electric in-line fuel heater has a self-regulating thermal element that provides heat to fuel for cold weather starting. The in-line heater demonstrates excellent thermal performance, long service life, easy installation and low operating costs.



# HOTLINE® In-Line Fuel Heater

## THERMAL OUTPUT RATING

Power output on aluminum substrate with aluminum tape.

$$W/m = 3.28 \times Wft \quad \text{°C} = 5/9 (\text{°F} - 32)$$

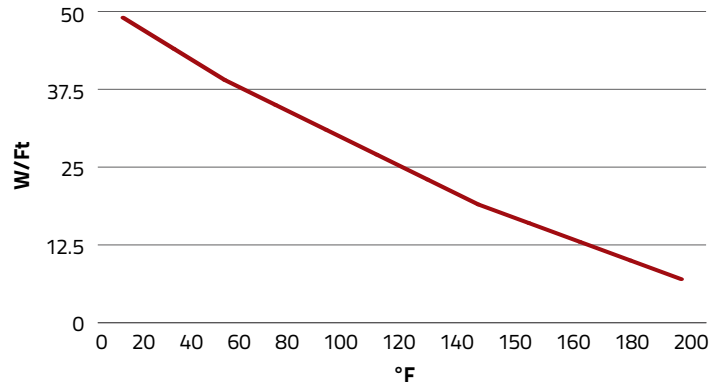
## TEMPERATURE RATING

Max. Maintenance Temp 110 °C (225 °F)

Max. Intermittent Exposure 135 °C (275 °F)

## PRODUCT SPECIFICATIONS

|                         |    |    |
|-------------------------|----|----|
| Available Voltage       | 12 | 24 |
| Max. Circuit Length (m) | 18 | 36 |



## PRODUCT SELECTION

| POWER<br>Length                                  | 600 WATT   |            | 450 WATT   |            | 300 WATT   |            | 150 WATT   |            |
|--------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                                                  | 12 Volt    | 24 Volt    | 12 Volt    | 24 Volt    | 12 Volt    | 24 Volt    | 12 Volt    | 24 Volt    |
| 12' / 3.7m                                       | D3085-1180 | D3085-2180 | D3085-1152 | —          | —          | —          | —          | —          |
| 8.5' / 2.6m                                      | D3085-1168 | D3085-2168 | D3085-1146 | D3085-2146 | —          | —          | —          | —          |
| 6.0' / 1.8m                                      | —          | —          | D3085-1141 | —          | D3085-1130 | D3085-2130 | D3085-1126 | —          |
| 4.5' / 1.4m                                      | —          | —          | —          | —          | D3085-1128 | D3085-2128 | D3085-1122 | —          |
| 2.0' / 0.6m                                      | —          | —          | —          | —          | —          | —          | D3085-1118 | D3085-2118 |
| 2'6" / .46m                                      | —          | —          | —          | —          | —          | —          | —          | D3085-2118 |
| <b>MAXIMUM CURRENT DRAW / SUSTAINED AMPERAGE</b> |            |            |            |            |            |            |            |            |
|                                                  | 45         | 23         | 31         | 16         | 21         | 11         | 10         | 5          |
| <b>MINIMUM ALTERNATOR CAPACITY</b>               |            |            |            |            |            |            |            |            |
|                                                  | 130        | 87         | 105        | 70         | 85         | 55         | 75         | 45         |

**Note:** Total system load analysis is required for accurate battery/ charging system specification. Refer to maximum sustained current draw and consult your vehicle manufacturer for advisement whenever adding any aftermarket auxiliary current load.

## REGULATING THERMOSTAT KIT (OPTIONAL)

Regulating t-stat is recommended to operate with 600 watt Hotline models

- Maintain lower temperature
- Limits upper end of the operational heat tape
- Recommended with 600 Watt HOTLINE

| Part No.   | Off Temp    | On Temp     | Amp Draw   | Volts   |
|------------|-------------|-------------|------------|---------|
| D3065-2338 | 80°F / 27°C | 55°F / 13°C | Negligible | 12,24DC |

## ACCESSORIES

### A-7566

- -10 JIC male to Voss female quick coupler No.12 adapter. Allows Voss fuel line to be connected to the Hot Line with minimal fittings.

### A-7569

- -10 JIC to M14 Straight thread o-ring face adapter.