



Hotline® Electric In-Line Fuel Heater

OVERVIEW

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.

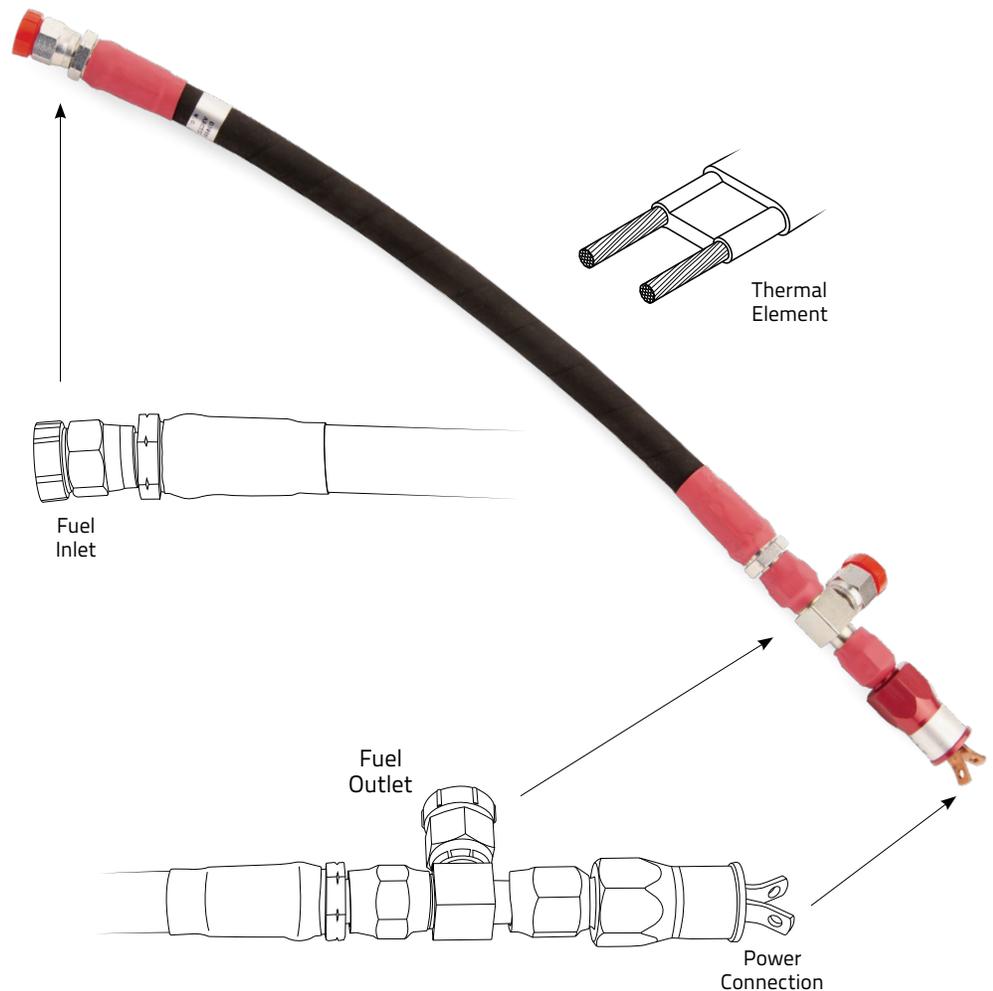
EASE OF INSTALLATION

- 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.

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

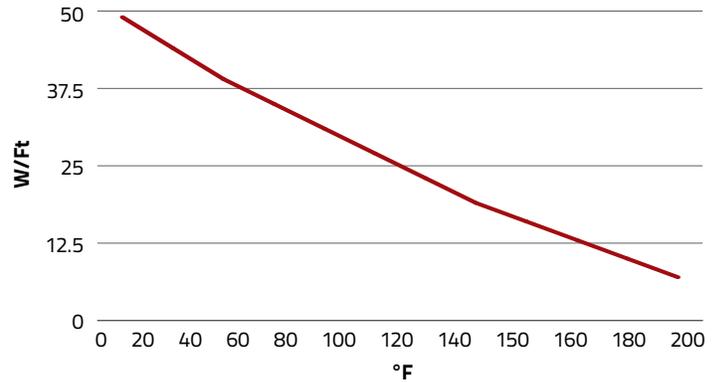
TEMPERATURE RATING

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 Length	600 WATT		450 WATT		300 WATT		150 WATT	
	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
MAXIMUM CURRENT DRAW / SUSTAINED AMPERAGE								
	45	23	31	16	21	11	10	5
MINIMUM ALTERNATOR CAPACITY								
	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.