



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.

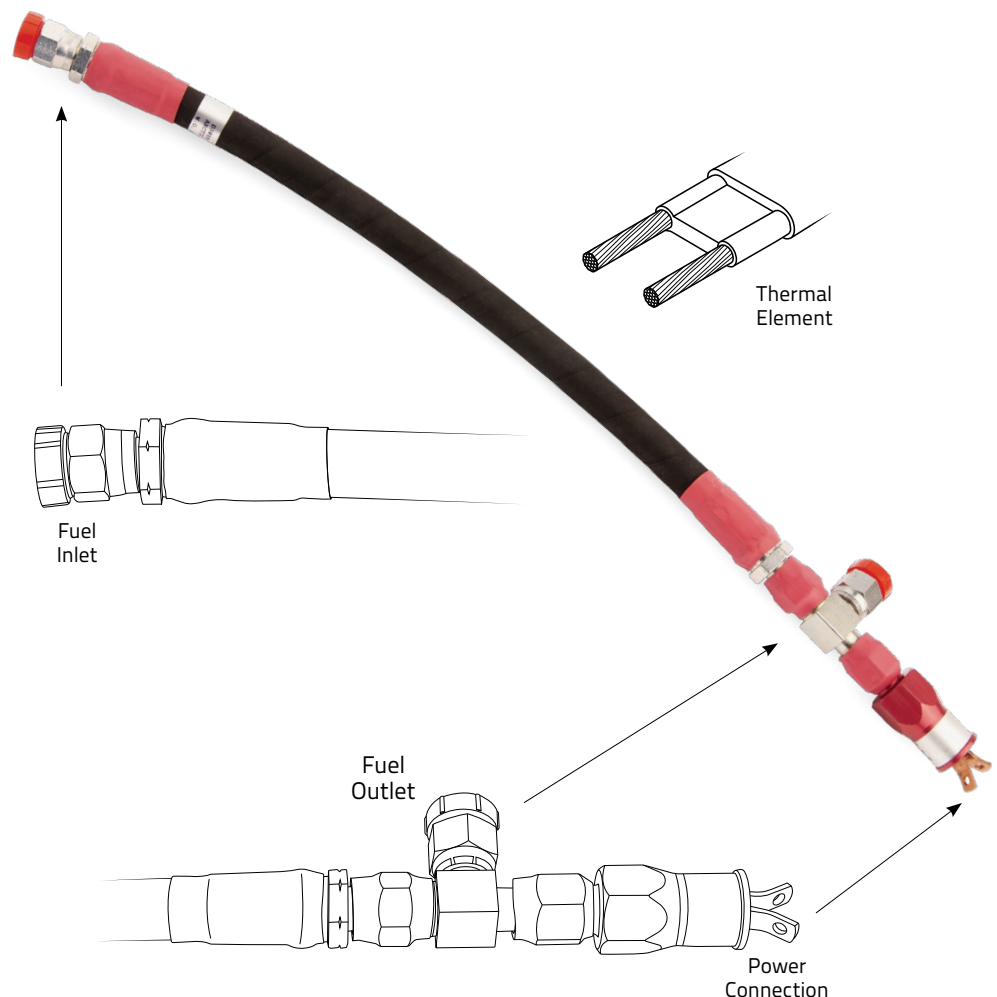
EASE OF INSTALLATION

- 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.



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THERMAL OUTPUT RATING

Power output on aluminum substrate with aluminum tape.

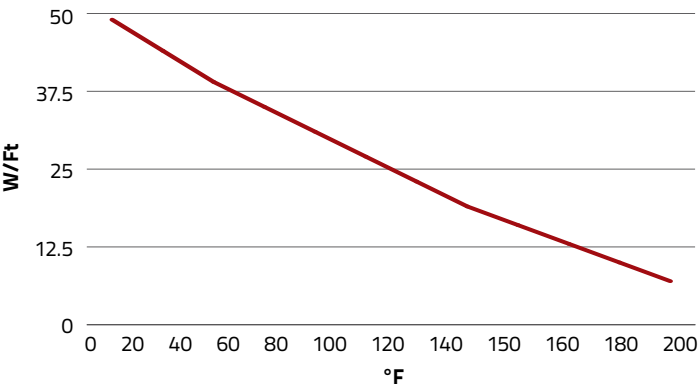
$W/m=3.28 \times Wft$ $^{\circ}C = 5/9 (^{\circ}F - 32)$

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	600 WATT		450 WATT		300 WATT		150 WATT	
Length	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
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.