



Petrotherm

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"Quality Oilfield Heating Equipment Since

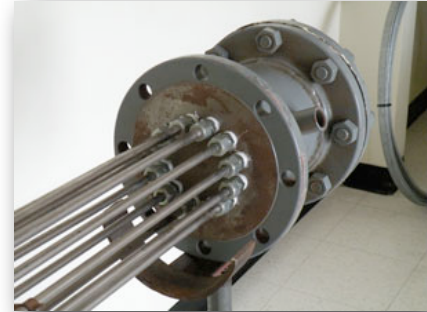
PRODUCT DATA SHEET

HL - HEATER LOGS

Electric Fuel Oil Heaters With Replaceable Elements

GENERAL

Petrotherm Electric Heater Logs designed for insertion into 3, 4, 6 or 8" pipe housings, provide efficient in-line preheating of fuel oils for steam generators, treaters or other fuel-fired equipment. The heater log consists of 3-12 heating elements mounted on a flanged header assembly and utilizes a proprietary element spacer that does not restrict oil flow and causes no "damming", thus reducing the chances of premature heater burn-out. The elements are individually replaceable in case of heater burn-out, dramatically reducing replacement cost. A thermowell is



located in the center of the flange assembly for a standard liquid bulb. Please consult the factory for non-standard requirements, including special mounting flanges, different lengths, power ratings, thermowell sizes, RTD and electronic temperature control.

PRODUCT DATA: Standard Units (Higher powers with extra length)

MODEL NO.	POWER RATING 480 VOLT/3 PHASE	BTU/HR	FLANGE	LENGTH	# ELEMENTS
HL-133	10KW-12.5 AMPS	34000	4"-150"	5.5'	3
HL-140	24KW-12.5 AMPS	68000	6"-150"	5.5'	6

Customer Supplies: Power to Unit; Sensor and Controller (also available from Petrotherm).

APPLICATIONS

- In-line fuel oil heaters for steam generators, heater treaters, tank flow lines, etc.
- Ammonia vaporisers for NOX control equipment.
- Caustic solution heaters.
- Tank heaters - see bulletin THL.
- AWT Units

ADVANTAGES

- **Replaceable Elements:** With other heaters the entire assembly must be replaced if even one heater element burns out. Petrotherm's design allows replacement of individual elements, easily done by one man.
 - **Long Life:** Low watt-density design and ample spacing between elements.
 - **Standard Size:** Provides easy retrofit to existing equipment.
 - **Efficient:** 100% of the heat energy is transferred directly to the fluid.
 - **Cost Savings:** Greater economy in maintenance and operation.
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