



Petrotherm

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PRODUCT DATA SHEET Tank Heater Systems - THS

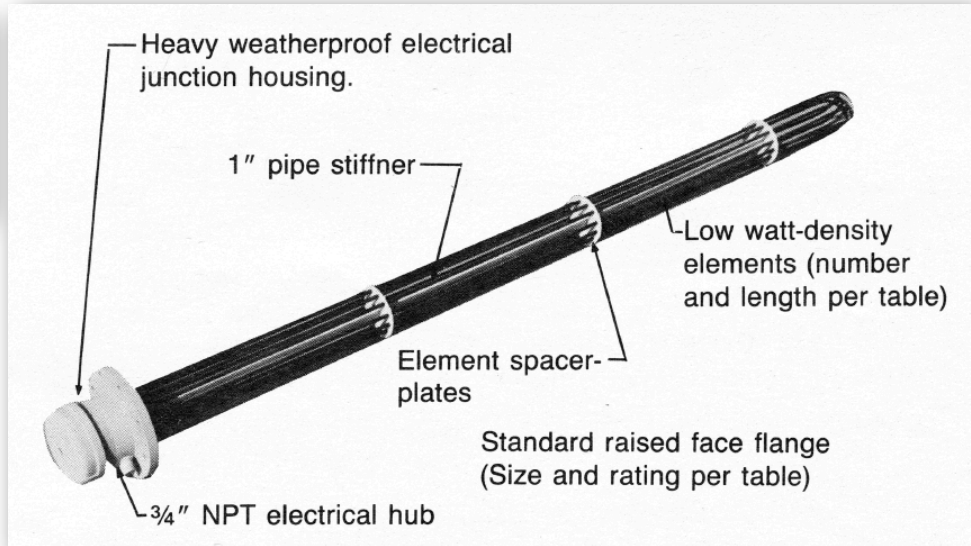
"Quality Oilfield Heating Equipment Since 1959"

Applications

- Oil Storage Tanks
- Fuel Oil Tanks
- Caustic Tanks

Petrotherm's Electric Tank Heater Logs provide efficient heating of fuel oil and crude oil storage tanks. The unit consists of 3-6 heating elements, mounted on a flange header assembly, supported by a 1" pipe stiffener,

located inside the heater array, to prevent "sagging" of the elements. The elements are held in place by several spacer plates. The THL mounts to the tank wall on a raised face flange which is either welded or screwed onto the tank wall. (See reverse side for size and location of required flange and mounting fittings.) The use of low-watt-density elements allow use of the heater directly in the oil without concern for "coking" or heater element burn out. For systems, the temperature control system consists of (2) temperature probes, a liquid level sensor (located above heater to prevent fluid level from going below the heater), power contractor, control voltage transformer and circuit breaker housed in a NEMA enclosure.



Standard Units (Higher Power With Extra length)

MODEL NO	ELECTRICAL DATA		BTU/HR	FLANGE	LENGTH	NUMBERS
	@ 480V - 3 PHASE					
	POWER	AMPS				
THL-133	10KW	12.5	34,000	4" - 150#RF	5.5'	3
THL-140	20KW	25	68,000	6" - 150#RF	5.5'	6

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.**
- **Efficient:** 100% of the heat energy is transferred directly to the fluid.
- **Cost Savings:** Greater economy in maintenance and operation.