



Serving Industry Since 1947

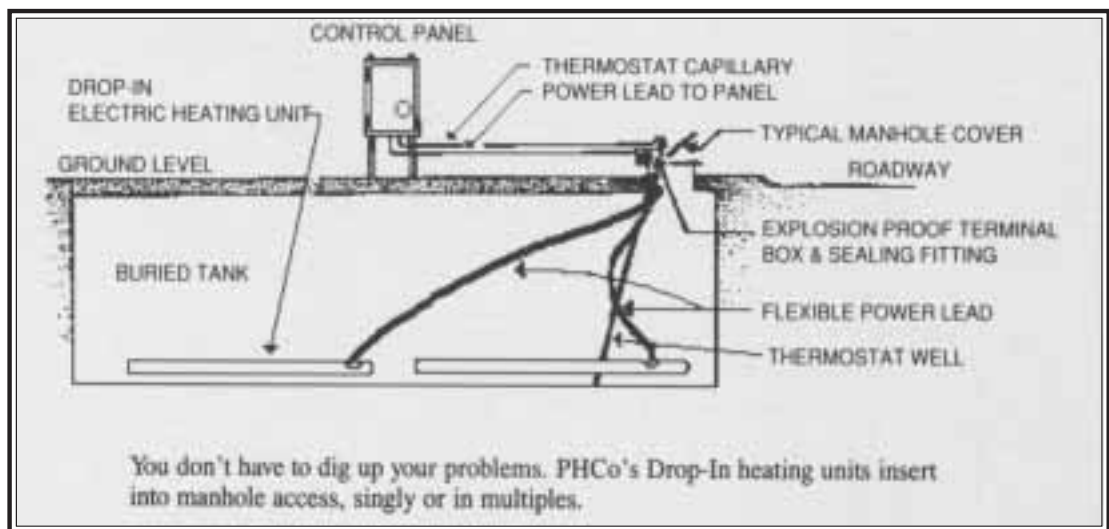
Drop-In the Problem Solver

If it's safe, reliable and efficient ... it must be PHCo

The Problem Solver for underground tanks

Having trouble solving your underground storage tank problems? PHCo "Lo-Density"® Drop-In Heater Kits have been designed for the heating of underground tanks and other applications that cannot be cut or welded on. These heaters can be used in multiples if needed and laid on the tank bottom end to end, appropriately spaced with varying lengths and flexible power leads supplied by PHCo.

As with all "Lo-Density"® products, our heater kits are 100% efficient. PHCo supplies a U.L. Listed control panel which can interface with other electrical equipment so the load of the heaters can be reduced to base rates and not incur demand charges or peak use rates. Underground tanks are naturally insulated requiring no additional insulation.



no scale

PHCo products require no special insurance certifications because they adapt so well to automatic control and can be left unattended without liability. Our heating elements need only general maintenance with an annual check-up.

PHCo's Drop-In Heater Kits are available in any industrial voltage, foreign or domestic, from 200Volts and up. Applications are available for asphalt or construction; food production; ink manufacturing; pulp and paper; and others.

Process Heating Company - manufacturers of safe and efficient electric heat since 1947.

PHCo Heaters are environmentally safe!

SIZING CHART

PHCo Lo-Density® kW requirements for storage tanks at different temperatures.

<u>Tank Volume Gallons</u>	<u>To Maintain 125 °F</u>	<u>To Maintain 180 °F</u>	<u>To Maintain 250 °F</u>	<u>To Maintain 375 °F</u>
2,000	6kW	8kW	12kW	16kW
3,000	8kW	10kW	14kW	20kW
4,000	10kW	12kW	16kW	22kW
5,000	12kW	14kW	18kW	24kW
6,000	14kW	16kW	20kW	26kW
8,000	16kW	20kW	24kW	28kW
10,000	18kW	22kW	26kW	34kW
12,000	20kW	24kW	28kW	36kW
15,000	24kW	28kW	32kW	44kW
20,000	30kW	34kW	40kW	52kW
25,000	36kW	40kW	48kW	60kW
30,000	44kW	48kW	56kW	68kW
40,000	52kW	60kW	72kW	84kW
50,000	64kW	76kW	90kW	100kW

Above ground tanks must have proper insulation and weatherproofing.

These recommended capacities include sufficient heater rating to maintain the temperature shown, plus a reserve capacity for heat-up requirements, as the calculations are based on a forty degree ambient temperature. For unusual or extreme conditions and for uninsulated tanks, consult the Factory (206) 682-3414.



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