



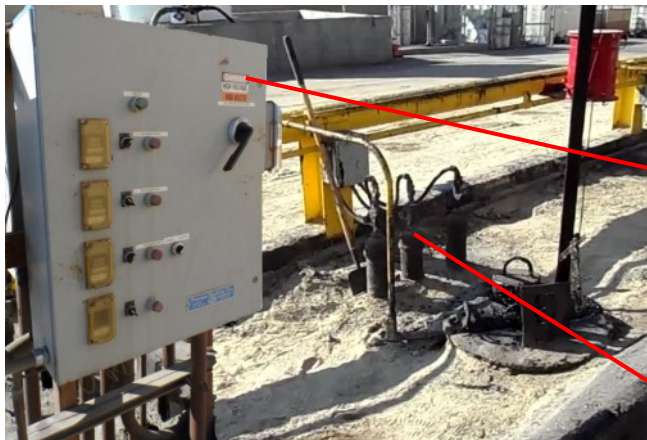
LO-DENSITY[®] SWEEP UNDERGROUND TANK HEATER

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

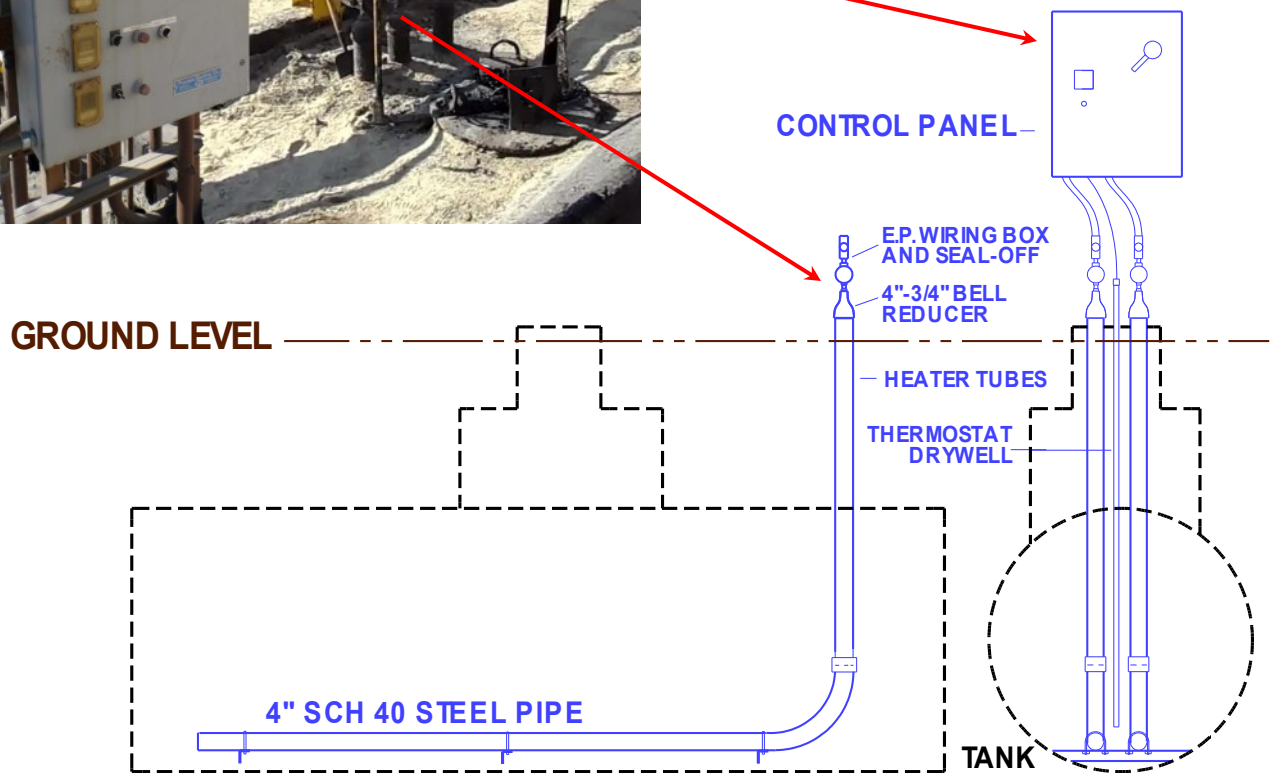
It starts at the top. The SWEEP system inserts at the TOP of the below-ground tank. The Lo-Density electric elements sweep down from the top for maximum control and efficiency.

Maintenance and replacement are from the top. No need to send personnel into the tank. The system is trouble free, efficient and environmentally friendly.

Heavy duty savings result from easy topside access, cost-effective Lo-Density[®] technology, and automatic controls that take advantage of low off-peak power rates.



U.L. Listed control panels and elements listed by ETL for maximum protection.



SIZING CHART

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

Tank Volume Gallons	To Maintain 125°F	To Maintain 180°F	To Maintain 250°F	To Maintain 325°F
1,000	4kW	7kW	10kW	15kW
2,000	5kW	8kW	14kW	18kW
3,000	6kW	10kW	16kW	22kW
4,000	7kW	12kW	18kW	24kW
5,000	7.5kW	12.5kW	20kW	26kW
6,000	8kW	14kW	22kW	28kW
8,000	9kW	16kW	26kW	30kW
10,000	11kW	18kW	30kW	34kW
12,000	12kW	20kW	32kW	36kW
15,000	14kW	22kW	35kW	44kW
20,000	16kW	25kW	40kW	52kW
25,000	18kW	28kW	46kW	60kW
30,000	20kW	32kW	50kW	68kW
40,000	22kW	37kW	60kW	84kW
50,000	24kW	42kW	68kW	100kW

Above ground tanks must have minimum 3" of fiberglass (or similar) insulation and weatherproofing.

These recommended capacities include sufficient heater rating to maintain the temperature shown, plus a reserve capacity for heat-up requirements, The calculations are based on a 40°F ambient temperature. For unusual or extreme conditions and for uninsulated tanks, consult the Factory @ (206) 682-3414.



**Process Heating
Company, Inc.**

