



Manifold & Drip-Leg Heaters

Manifold and drip-leg heaters are used to heat and maintain the manifold piping at an elevated temperature in order to evaporate liquid chlorine and prevent re-liquefaction of chlorine gas. Heaters are critically important for all pressurized chlorine manifolds. If allowed to enter the vacuum regulator, liquid chlorine will damage the vacuum system components. Over time if liquid chlorine is allowed to collect in the manifold it will cause more rapid corrosion than chlorine gas alone, increasing the chances of a pressurized gas leak.



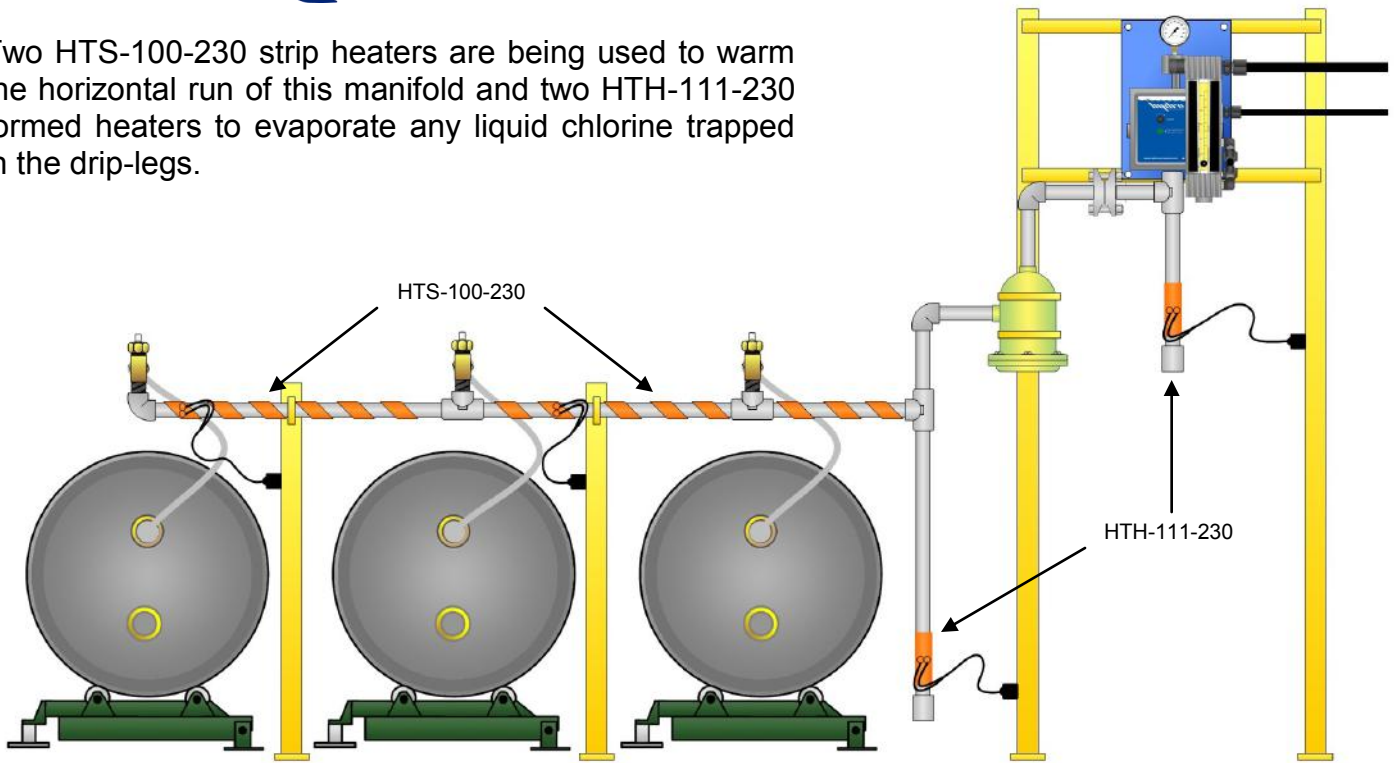
- A. Loose strip heater—HTS-050-230, 50cm long
- B. Formed heater—HTH-111-230 for dip-legs, attached with C clamps
- C. Mounted strip heater—HTS-100-230, 100cm long, includes two worm clamps for mounting

Heater Specifications

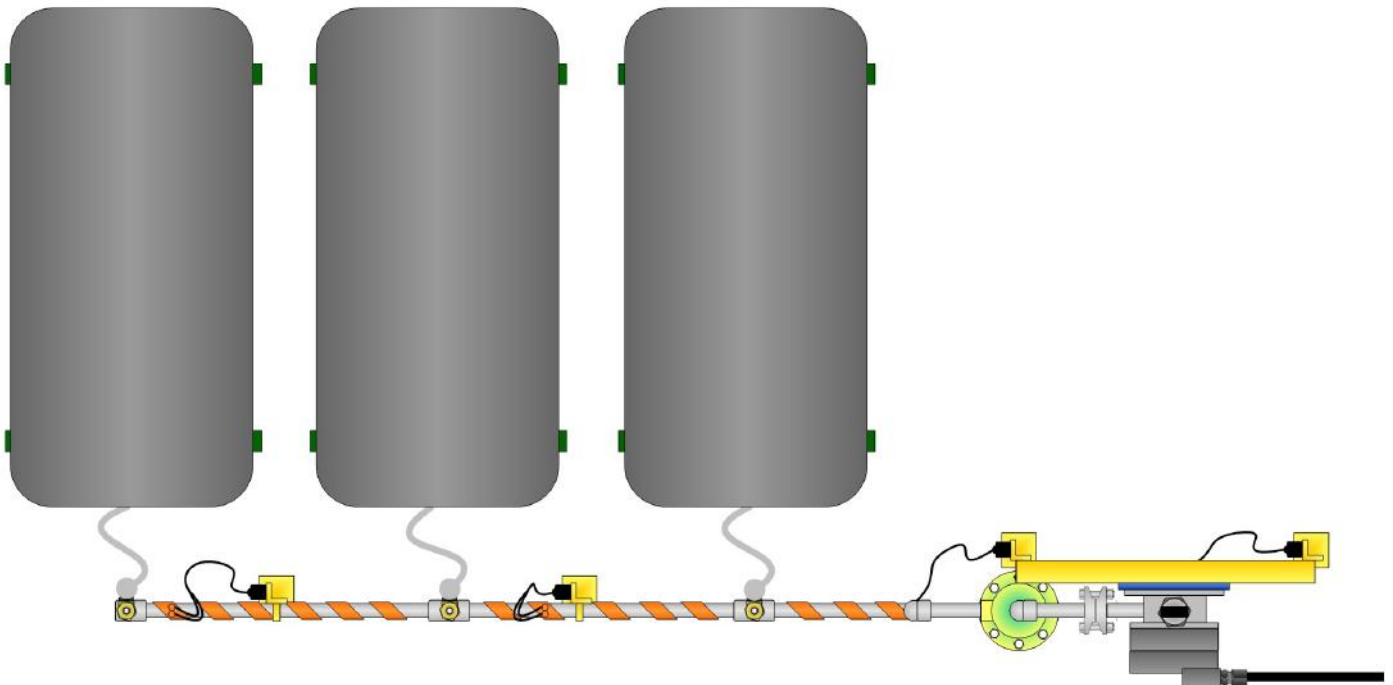
Part No.	Type	Dimensions	Power	Output	Thermostat	Clamps Provided
HTS-050-115	Strip Heater	2.5 cm W x 50 cm L	115VAC 50/60Hz	15W	None	2x Worm Clamps
HTS-050-230	Strip Heater	2.5 cm W x 50 cm L	230VAC 50/60Hz	15W	None	2x Worm Clamps
HTS-100-115	Strip Heater	2.5 cm W x 100 cm L	115VAC 50/60Hz	20W	None	2x Worm Clamps
HTS-100-230	Strip Heater	2.5 cm W x 100 cm L	230VAC 50/60Hz	20W	None	2x Worm Clamps
HTH-111-115	Formed	2.7 cm ID x 9.8 cm L	115VAC 50/60Hz	25W	70° C Max	2x Worm Clamps
HTH-111-230	Formed	2.7 cm ID x 9.8 cm L	230VAC 50/60Hz	25W	70° C Max	2x Worm Clamps
HTH-111-024	Formed	2.7 cm ID x 9.8 cm L	24VDC	25W	70° C Max	2x Worm Clamps



Two HTS-100-230 strip heaters are being used to warm the horizontal run of this manifold and two HTH-111-230 formed heaters to evaporate any liquid chlorine trapped in the drip-legs.



Side View



Top View