



Specification Submittal Sheet Series HCH/HCHS

Insulated Enclosure Slab Mount Heating System U.S. Patent 5,609,784

Specifications

- Heating element – steel sheathed; casted in type 380 aluminum; rated 2000W @ 120/240Vac
- High temperature wire – type MGT or equivalent; 10 AWG; rated 600V, 450°C
- Ring terminal – rated 600V, 900°F
- Junction well – group B, C, D, E, F; Class I, Division II; rubber seal provided with cover
- Conduit, conduit fittings, thermostat – liquid-tight

Standards

- Conforms to UL-2021
- Certified to CAN/CSA C22.6 NO. 46
- ETL Listed 108666

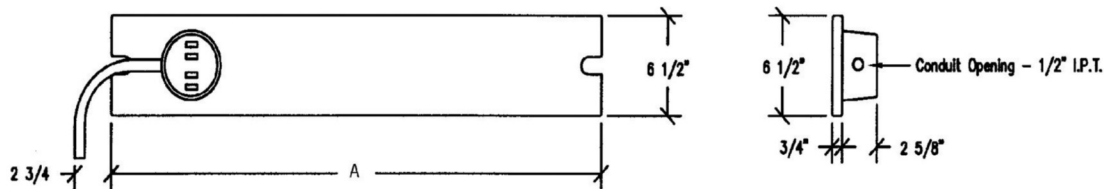


Description

The Safe-T-Cover slab mount heating system provides freeze protection to the plumbing & water works equipment installed within an enclosure. This patented heating system virtually eliminates heat stratification within the enclosure, which reduces energy consumption. By mounting the heater on the slab, freeze protection is provided to the underground vertical riser pipes. The system is designed to withstand water spray conditions inside the enclosure. The heater has been independently certified to meet section 49 of UL-2021 for damp or wet conditions.

Advantages

- Economical
- Durable
- Effective
- Efficient



INSTALLATION: CENTER UNDER PIPING AND ANCHOR TO CONCRETE SLAB.

Dimensions and Weights

Model No.	Voltage	Wattage	BTUH	Phase	Amps	A (in)
HCHS500-120	120	500	1707	Single	4.16	23
HCHS1000-120	120	1000	3413	Single	8.33	23
HCHS1000-240	240	1000	3413	Single	4.16	23
HCH500-120	120	500	1706	Single	4.16	37
HCH1000-120	120	1000	3412	Single	8.33	37
HCH1000-240	240	1000	3413	Single	4.16	37
HCH2000-120	120	2000	6824	Single	16.66	37
HCH2000-240	240	2000	6824	Single	8.33	37

Specifications

A slab mount heating system shall be installed to provide freeze protection for plumbing & water works equipment installed within an enclosure. The heating system shall maintain a temperature of +40°F at an outside temperature of -30°F. The heating system shall be installed on the concrete pad and designed to operate without damage or impeding performance during water spray conditions. A thermostat capable of a temperature control range of +40°F to +100°F with fittings suitable for watertight installations shall be provided. The slab mount heating system shall be a Safe-T-Cover Series HCH or HCHS. The heater has been independently certified to meet section 49 of UL-2021 for damp or wet conditions.