

HH Module

Hopper Heating Module

Product Specifications

Application . . .

Hopper and Chute Heating

The HH hopper heaters are high temperature heating modules designed to eliminate fly ash build up caused by condensation in precipitator baghouse hoppers. HH Hopper Heaters may also be used for high temperature tank heating applications. The HH modules are mounted on the external surface of hopper walls to maintain elevated temperatures.

The HH Hopper Heating module is a rugged, self-contained high performance heater designed for reliable operation on surfaces prone to vibration. The HH module distributes heat evenly over the entire panel surface. To ensure optimal performance, each system is engineered by Thermon based on the heating requirements of the application.

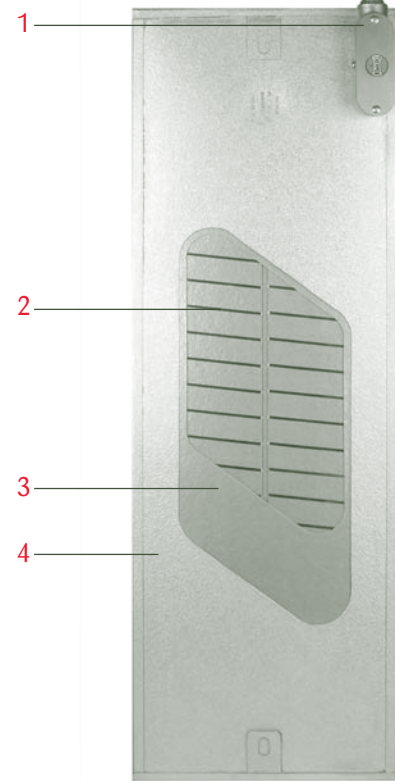
The rugged construction of the module includes a tough Zincalume shell that provides mechanical protection during handling, installation and operation. Weld splatter, rust or oil will not affect the integrity or performance of the heater. The low profile design of the panel permits rapid, trouble free installation.

Ratings¹ . . .

Supply voltages.....	240-600 Vac
Maximum maintenance temperature.....	232°C
Maximum continuous exposure temperature	
Power-off	482°C
Minimum installation temperature.....	-40°C

Note . . .

1. Watt density and operating voltage are based on application-specific availability and requirements.



Construction . . .

- 1 Cold Lead Wire, Three Core (blue, brown and green), Teflon FEP Jacketed
- 2 Nichrome Alloy Heating Element
- 3 Mica Electrical Insulation
- 4 Zincalume Steel Casing



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Available HH Module Sizes . . .

Catalogue Number	Size		Nominal Watts
	mm	Inches	
HH-0612-2.0	150 x 300	6 x 12	145
HH-0624-2.0	150 x 600	6 x 24	290
HH-0636-2.0	150 x 900	6 x 36	430
HH-1212-2.0	300 x 300	12 x 12	290
HH-1224-2.0	300 x 600	12 x 24	575
HH-1236-2.0	300 x 900	12 x 36	865
HH-1248-2.0	300 x 1200	12 x 48	1150
HH-2430-2.0	600 x 900	24 x 30	1440

Circuit Breaker Sizing and Type . . .

Multiple modules can be energised from the same circuit breaker based on operating voltage and current draw. The current draw, breaker sizing and earth-leakage protection should be based on local codes.

Accessories . . .



Control Thermostats: Thermon offers a complete line of mechanical thermostats and electronic control and monitoring modules designed and approved specifically for electric heat tracing applications.



Power Distribution: For heating applications involving multiple hopper heating circuits or where hopper modules will be used in conjunction with electric pipe heat tracing, Thermon can provide complete power distribution and control panels. These panels can be custom-designed to meet the specific requirements of an application, including enclosure type and control and monitoring capabilities. Contact Thermon for complete information.

