

HL-109 Digital Pipe Thermostat

Product overview



The HL-109 is a versatile Digital Pipe Thermostat capable of a number of Underfloor Heating and Plant Room solutions.

High Limit Thermostat; The HL-109 can be installed to protect the underfloor heating against heat source over temperature failure or high temperature cycles. This is ideal for project where a delicate floor finish has been installed, or the underfloor heating manifold has no mixing capability.

Low Limit / Frost Protection Thermostat; For applications requiring low limit or frost protection the HL-109 can be used to drive a pump/ heat demand or trace heating to protect the system against frost.

Pump Protection; To prevent pumps seizing, the HL-109 can exercise a pump for 5 seconds, every 5 days. This function is ideal during periods when systems are in no or low demand and can prolong the life of the pump.

With simple power, up and down buttons and a clear digital display, the HL-109 is ideal for quick, accurate set up, and with the visible temperature reading, system checks can be complete without further testing equipment.

Technical specifications	Dimensions	138x45mm	Product code	CTH2-0109
	Weight	131g	Item	HL-109 Digital Pipe Thermostat
	Material	ABS	Colour	White / Grey
	Supply voltage	230V	Cable entry	Bottom
	Max switching output	10(3A)	Mounting	On-Wall
	Temperature Setting	5-90°C	Compliance	CE and UKCA
	Accuracy	+/-1.5°C	Features	Ability to control valves for UFH and RAD systems
	Differential Setting	0.1-15°C		
	Temperature Display Range	-19 -99°C		
	Maximum Temp. Resistance of body	80°C		
	Maximum Resistance of Sensor	100°C		
	Output	230V		
	Protection rating	IP40		

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Technical Drawing

