

# Thermostats

*Complete Range of thermostat devices to increase heating cable efficiency.*

Thermostats maintain a certain pipe temperature by providing ON/OFF control creating a more energy efficient system.





## INCREASE EFFICIENCY

Heat-Line offers only self-regulating heating cable systems that vary their heat/energy output with temperature so they will not overheat; as a result thermostats are not a requirement but simply an accessory to increase energy efficiency.

## CONDUCTIVE POLYMER CORE

All Heat-Line systems have a conductive polymer core allowing its heat output to change, increasing with cold, decreasing with warmth microscopically at every point along its length. While this technology is very efficient, it is important to understand the cable can never operate at zero wattage output and that it is a consumer of energy when powered.

## GOOD SAFETY DIFFERENTIAL

A thermostat can be added to Heat-Line systems in order to duty cycle ON/OFF operation and save energy. Heat-Line thermostats are set to maintain the pipe at 50°F or 10°C as this setting keeps the heating cable operating in its most efficient state with a good safety differential of 18°F or 10°C to the freezing point.

## REDUCE CYCLE TIMES

The self-regulating technology allows the pipes being protected to also be insulated, largely reducing the amount of energy required to protect from freezing in extremely cold environments. The addition of thermostatic control reduces cycle times or the actual amount of time the unit is under power. The combination of Heat-Line self-regulating systems, insulation and thermostats optimizes energy efficiency whenever they can be used together.

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## Thermostat | Part Codes



### Product Code: GF-STAT

C-UL-US listed, NEMA 4X protection, 120 volt or 240 volt supply voltage, to be hard wired. Complete with integral 30 mA GFEP and 20' or 25' sensor lead (up to 500' available).

GF-STAT thermostats are ordered with Heat-Line factory terminated heating cables that have the suffix "CS" after the product number.



### Product Code: HLJ-STAT

UL listed, NEMA 1 General Purpose, 120 volt plug in device that requires no field wiring, complete with a sensor lead.

HLJ-STAT thermostats are ordered with Heat-Line factory terminated heating cables that have the suffix "GFC" after the product number.



### Product Code: KHL-STAT

Low voltage 12V/24V thermostat