



## DESCRIPTION

The nVent RAYCHEM FrostGuard-ECO Controller provides temperature and energy control for the RAYCHEM FrostGuard heating cable kits for pipe freeze protection.

The FrostGuard-ECO control unit is simply plugged into the electrical wall socket and the heater kit is then plugged into the control.

The controller includes an external sensor and cable which can be placed on the pipe (under the insulation) or can work as an ambient temperature sensor to switch the control unit on and off.

With a variable setpoint between 0°C and 10°C, the control unit offers energy savings compared to uncontrolled self-regulating systems of up to 80%, thus saving significant energy consumption and cost.

## APPLICATIONS

The FrostGuard-ECO controller provides frost protection temperature control of heating systems for:

- Garages
- Stables
- Farm buildings
- Kennels
- Other water pipe services
- Caravans, mobile homes, and portacabin water services (Pipework)

Freeze protection of external taps.

Ice prevention for condensate outlet pipes from condensing boiler systems.

## ADVANTAGES

Requires no installation by a qualified electrician. Simply plug in and position the temperature sensor. It's as simple as that.

Provides significant energy savings up to 80% for self-regulating freeze protection systems.

Offers both line or ambient temperature sensing capabilities.

## TECHNICAL DATA

Voltage	230 Vac
Temperature control range	0°C to 10°C
Maximum operating temperature	+40°C.
Minimum operating temperature	-20°C.
Approvals	Tested and approved to EN 60730-1, EN60730-2-9 CE marked.
LED Indicator lights	(i) Power to control indicator (Red LED) (ii) a. Heater activated (Green LED) b. Sensor fault indicator (Orange LED)

## PRODUCT REFERENCE

Product Name	Product Description	Product Code No.	EAN Code
R-FG-CONT-ECO-EURO	FrostGuard ECO Control	1244-011310	5414506013351

## RELATED PRODUCTS

Product name	Code No	Product description
FrostGuard-2m	928206-000	Self regulating freeze protection heater kit (2 Metre.)
FrostGuard-4m	524628-000	Self regulating freeze protection heater kit (4 Metre.)
FrostGuard-6m	845612-000	Self regulating freeze protection heater kit (6 Metre.)
FrostGuard-8m	493074-000	Self regulating freeze protection heater kit (8 Metre.)
FrostGuard-10m	641438-000	Self regulating freeze protection heater kit (10 Metre.)
FrostGuard-13m	108722-000	Self regulating freeze protection heater kit (13 Metre.)
FrostGuard-16m	924248-000	Self regulating freeze protection heater kit (16 Metre.)
FrostGuard-19m	468683-000	Self regulating freeze protection heater kit (19 Metre.)
FrostGuard-22m	107422-000	Self regulating freeze protection heater kit (22 Metre.)
FrostGuard-25m	768868-000	Self regulating freeze protection heater kit (25 Metre.)

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