

# FROST SENTRY

- **Model: THS-FS-01**
- **Prevents Condensate Pipes from freezing**
- **Compact Trace Heater**
- **Straight forward to install**
- **Auto-sensing, automatic activation when temperature drops below 2.5° C**
- **230Vac operation**
- **Constructed to IP 40 Rating**
- **Works with any make of condensing boiler**
- **'Active' and 'Standby' Indicator LED's**
- **Patent Applied for: GB1014462.4**



## Application

The Frost Sentry is designed to prevent Condensate Pipes from Freezing when temperatures fall below 2.5° C. This compact unit consumes less than 10W in standby and 30W when at maximum heating.

Once fitted, this unit will ensure that the Condensate Pipes from your Boiler or Air Conditioning unit will not freeze, even down to -20° C.

## Physical Description

It is supplied with all parts required to finish\*. This unit is compact and robust. Housed in a strong, flame retardant white ABS box with a smoked transparent lid which allows both the Standby LED and Active LED to show through.

It is supplied with:

1. 2.75m Clear PVC tubing
2. 3m Coaxial Trace Heating cable - 3 pin connector
3. 1m Twin Core Electrical Cable + Connector Block
4. 3m Temperature Probe – 2 pin connector
5. Power Supply Cable
6. 2 Mounting Screws & Fixing Plugs
7. Rubber bung
8. T Piece
9. Pipe adaptor

## Operation

Once installed, the Frost Sentry will constantly monitor the external temperature. If it falls below 2.5° C, the Frost Sentry will activate and gently warm the inside of the Condensate pipe. The further the temperature drops, the warmer the temperature in the pipe.

The Frost Sentry comes with 3 metres of Heater Cable, 3 metres of Temperature Probe and 3 metres of Clear Plastic PVC tubing. These can be shortened to a minimum of 1m metre.

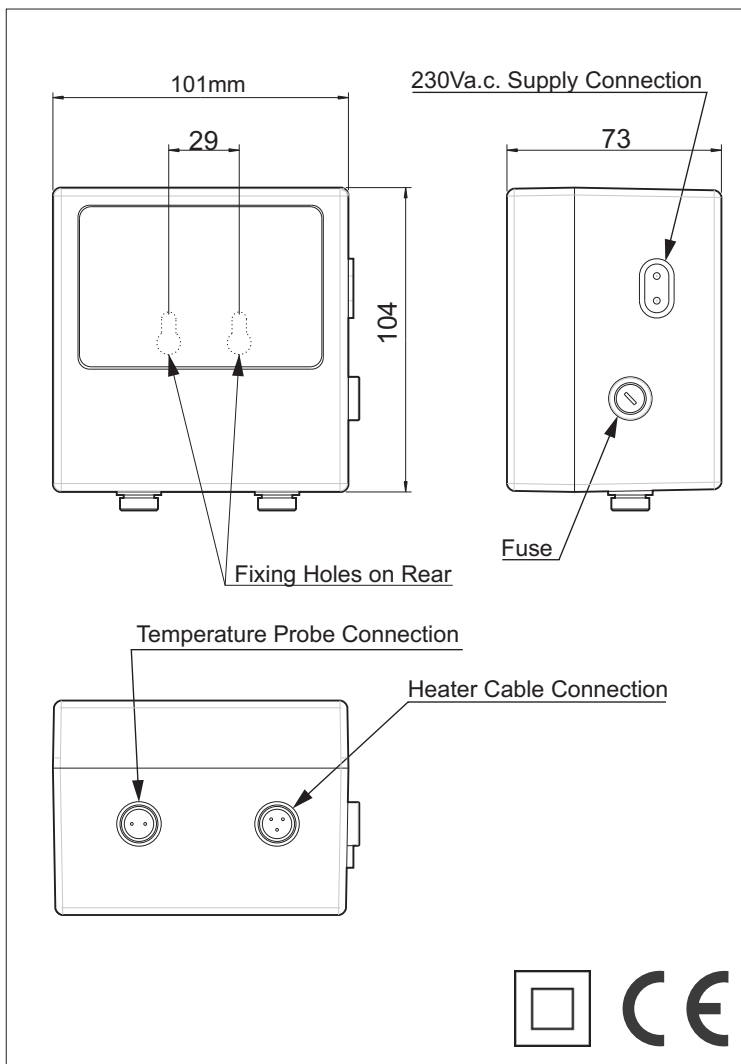
The Frost Sentry is truly a fit and forget device that will ensure that no-matter how far the temperature falls, to a minimum of -20° C. The boiler will continue to function in the harshest conditions.

\* Does not include condensate pipe.

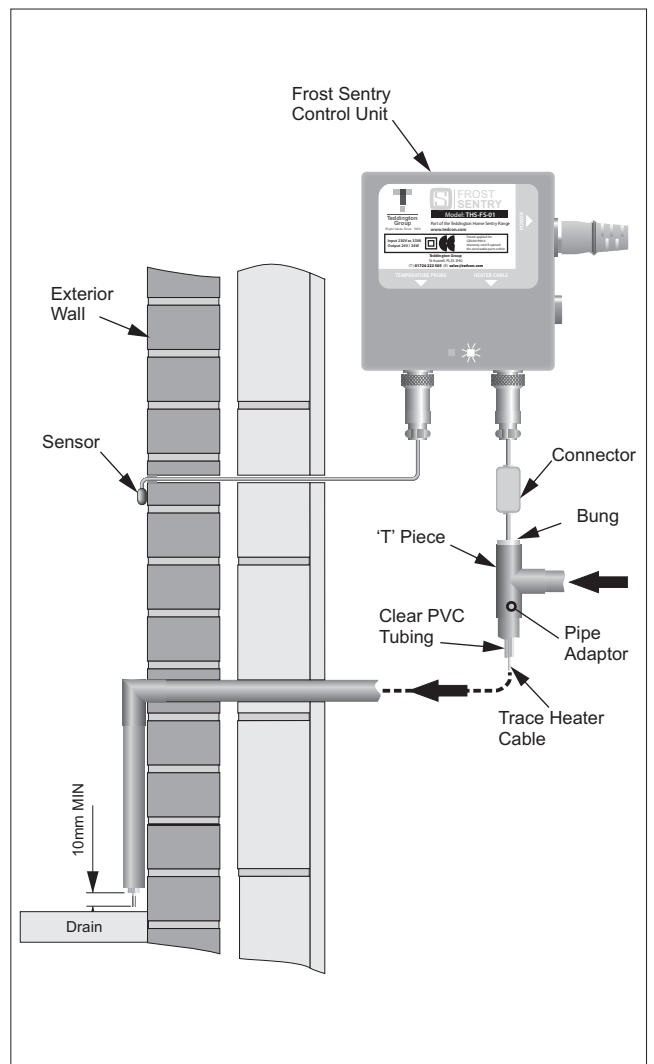
## Technical Specification

Electrical Rating		Physical Properties	
Supply Rating - Running	230Va.c. 30VA	Mass (Incl Lead and Plug)	0.88kg
- Standby	230Va.c. 10VA	Mains Lead	2m
Output Rating	24V 24W	Trace Heater Cable	3m
Environmental		Twin Core Extn Cable and Connector	1m
Ambient Temp	-20 to +40°C	Temperature Probe	3m
IP Rating	IP 40		

## Outline Details



## Typical Installation



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