

Frost Thermostat

INSTALLATION INSTRUCTIONS

TECHNICAL SPECIFICATION

Temperature Range	:	20 - 90°C
Switching Differential	:	8K
Voltage Rating	:	220/240 Volts AC 50Hz
Current Rating	:	15 (2.5) Amp.
Switching Action	:	SPDT

This product complies with the following EC Directives:
Electro-Magnetic Compatibility Directive.
(EMC) (89\336\EEC), (92\31\EEC)
Low Voltage Directive.
(LVD) (73\23\EEC), (93\68\EEC)



Note: This unit has been calibrated to switch on temperature fall at the dial set value, in order to provide frost protection

The unit must be installed by a competent electrician and the installation should conform to the current IEE Wiring Regulations. An Earth connection is required.

A) APPLICATION

The ATF is a clamp-on pipe mounting frost thermostat.

The thermostat is supplied complete with a spring fixing strap for use with pipework from 1/2" to 2".

B) FIXING THE THERMOSTAT

1. Ensure that the pipe surface to which the thermostat is to be clamped is clean and free from paint and rust.

2. Place the thermostat on the pipe, securing one end of the spring fixing strap to one of the fixing lugs on the thermostat. Stretch the spring strap around the pipe and clip over the un-used fixing lug on the thermostat.

It is important that the spring strap holds the thermostat tightly to the pipe.

Cut off any surplus spring strap using a pair of side cutting pliers.

3. Remove the thermostat cover, take the flexible cord through the gland plate and terminate the cores of the flexible lead on the appropriate terminals on the thermostat, noting that,

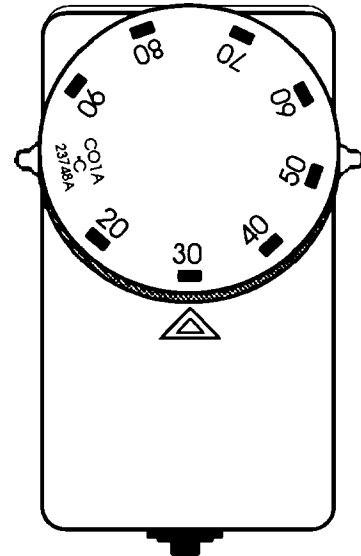
Terminals 1 - 2 : Break on rise of temperature,

Terminals 1 - 4 : Break on fall of temperature.

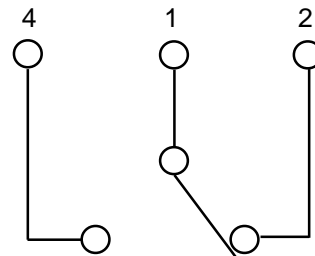
It is important that the product be earthed.

C) SETTING THE THERMOSTAT

Set at minimum 20°C



WIRING DETAIL



1 - 2 : BREAK ON RISE

1 - 4 : BREAK ON FALL

