



Features & Benefits

- Easy adjustment of setpoint
- Setting indicator
- IP65 option

Technical Overview

The ST-FRE range of frost thermostats provide a switch output based on the average temperature detected along a two or six metre capillary sensor. A common application is for frost protection on fresh air intakes or airconditioning systems, to prevent the icing up of filters, fans and coils. The capillary is fixed in a matrix across the duct, in a position downstream of the pre-heater or frost coil.

Specification

Capillary charge	Vapour
Capillary material	Copper
Capillary Max. temp	150°C
Control range	-30 to +10°C
Differential	2.5°C (fixed)
Dimensions	6m or 2m x 1.8mm dia.
Gross Weight (kg)	0.78
Housing dimensions	86 x 75 x 44mm
Housing Material	ABS
Manual reset	On low temperature (ST-FRE-2 & ST-FRE-4)
Protection	IP65
Switch rating	240Vac @ 24(10)A, 24Vdc @ 3A
Weight	476g

Technical Specification

Housing dimensions	86 x 75 x 44mm
Weight	476g
Dimensions	6m or 2m x 1.8mm dia.
Housing Material	ABS
Differential	2.5°C (fixed)

Related Product Codes

ST-EFRE-1	Economy Capillary Frost Stat Auto Reset 6M
ST-EFRE-1-IP65	Economy Capillary Frost Stat Auto Reset 6M IP65
ST-EFRE-3	Economy Capillary Frost Stat Auto Reset 2M
ST-EFRE-3-IP65	Economy Capillary Frost Stat Auto Reset 2M IP65
ST-FRE-1	Capillary Frost Stat Auto Reset 6M
ST-FRE-1-IP65	Auto Reset 6m Capillary IP65
ST-FRE-2	Capillary Frost Stat Manual Reset 6M
ST-FRE-2-IP65	Manual Reset 6m Capillary IP65
ST-FRE-3	Capillary Frost Stat Auto Reset 2M
ST-FRE-3-IP65	Capillary Frost Stat Auto Reset 2M IP65
ST-FRE-4	Capillary Frost Stat Manual Reset 2M
ST-FRE-4-IP65	Capillary Frost Stat Manual Reset 2M IP65