Raychem | FlexiClic-FP

Raychem FlexiClic-FP is the brand new innovation in pipe frost protection heat-tracing. The modular self-regulating heating units provide ultra fast and flexible design and installation of the heat-tracing system, reducing total installed costs significantly. The system can be easily extended by connecting two or more modules together either in-line or as a T connection. The modules click together and the electrical connection is made – speed and simplicity for the installer.

FlexiClic-FP comes with a complete range of accessories including power cables, end seals, and T-connectors for quick and easy assembly. The system is also compatible with the Raychem range of standard and "Smart" control devices.

FlexiClic-FP provides high quality self-regulating, energy-efficient frost protection for the end user, whilst ensuring a fast, flexible and reliable installation every time.

Advantages

Design phase
- Flexibility in design (Modules can be selected to suit the pipe length(s).
- The system allows in-line splicing, Tees, 3-way, 4-way, and 5-way connections.
- Simply combine the modules that match the pipe length.

Installation phase
- Modules are simply fixed to the pipe and "clicked" together for the fastest possible installation.
- Variances from the design (pipe length) can be addressed by adding or removing modules.
- The modular system can be easily used by installers without the need for specialist heat-tracing training.

Commissioning and use
- Electrical checks are expedited as the modules are factory checked at the manufacturer.
- The self-regulating heating modules adjust their heat output to match the needs of the environment, saving energy.
- The total system can be easily extended to suit future extensions to a building.

Technical Data

Nominal Power	10 W/m @ 5°C
Voltage	230 Vac
Maximum exposure temperature	65°C
Cable dimensions	12.7 mm x 5.3 mm
Module dimensions	25 mm Diameter
Circuit breaker required	Type C
RCD	30 mA
Heating cable construction	Twin conductor self regulating core, with full braid for electrical and mechanical protection and polymer outer jacket (PVC Free.)
Approvals	CE
Ingress protection rating	IP66/68 1m H_2O - 12 weeks
Maximum circuit length	100 m

Compatible Components

• AT-TS-13	Standard ambient sensing thermostat for heating circuit control
• RayStat-Eco-10	Smart ambient sensing digital thermostat with Proportional Ambient Sensing Control (PASC) for energy saving operation.
• FlexiClic-CE	Modular Connection component (1 input, 3 outputs) for Tee connections and 3-way connection (Kit includes two end seals)
• FlexiClic-E	Modular End seal Pack
• FlexiClic-Pcable-1m	Modular power cable 1 metre length (inc. end seal)
• FlexiClic-Pcable-3m	Modular power cable 3 metre length (inc. end seal)

Product and ordering references

Heating Modules /Part number	Product name	Description
1244-005734	FlexiClic-FP-1M	1 m heating module
1244-005735	FlexiClic-FP-3M	3 m heating module
1244-005736	FlexiClic-FP-5M	5 m heating module
1244-005737	FlexiClic-FP-7M	7 m heating module
1244-005738	FlexiClic-FP-15M	15 m heating module
1244-005739	FlexiClic-FP-25M	25 m heating module
1244-005740	FlexiClic-FP-50M	50 m heating module

Accessories		
1244-005741	FlexiClic-CE	Connection and End Seal Kit (Connector block + 2 end seals)
1244-005742	FlexiClic-E	Modular End Seal pack
1244-005743	FlexiClic-PCABLE-1M	1 m modular power cable (inc. end seal)
1244-006200	FlexiClic-PCABLE-3M	3 m modular power cable (inc. end seal)

Controllers		
728129-000	AT-TS-13	Ambient thermostat −5°C/+15°C, 16 Amp
145232-000	Raystat-Eco-10	Smart (Energy Efficiency) Digital thermostat for Pipe frost protection

Installation Instructions

Complete installation instructions are supplied with the product and are available electronically from Tyco Thermal Controls. Please request installation instruction reference: INST-282

Specification guideline

A specification guideline is available upon request from Tyco Thermal Controls. Please contact your local representative or customer service contact.

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For more information, contact your local representative. **www.tycothermal.com**