

Description



Raychem FlexiClic GM is the brand new innovation in gutter snow and ice prevention. The modular self-regulating heating units provide fast and flexible design and installation of the heating system, reducing total installed costs significantly. The system can be easily extended by connecting two or more modules 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 GM 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 Raychem “Smart” controls.

FlexiClic GM provides high-quality, self-regulating, energy-efficient snow and ice melting 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 gutter/roof size)
- The system allows in-line splicing, 3-way, 4-way, and 5-way connections
- Simply combine the modules that match the gutter dimensions

Installation phase

- Modules are simply fixed in the gutter and are “clicked” together for the fastest possible installation
- The system can be removed, disassembled, and re-installed
- 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	16 W/m in the air at 0°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 fully braid for electrical and mechanical protection and polymer outer jacket (PVC Free.)
Approvals	CE
UV Resistant	Yes
Ingress protection rating	IP66/68 1m H ₂ O - 12 weeks
Maximum circuit length	80 m

Compatible Components

• EMDR-10	Smart electronic multi-sensor control unit
• HTS-D	Thermostat
• GM-Rake	Fixing bracket for gutter melting heater cable
• 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
1244-006194	FlexiClic-GM-1M	1 m heating module
1244-006195	FlexiClic-GM-3M	3 m heating module
1244-006196	FlexiClic-GM-5M	5 m heating module
1244-006197	FlexiClic-GM-10M	10 m heating module
1244-006198	FlexiClic-GM-15M	15 m heating module
1244-006199	FlexiClic-GM-20M	20 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)
912791-000	GM-Rake	Fixing bracket for gutter melting heating cable.

Controllers		
449554-000	EMDR-10	Smart electronic multi-sensor control unit
C71431-000	HTS-D	Thermostat

Installation Instructions

Complete installation instructions are supplied with the product and are available electronically from Tyco Thermal Controls. Please request installation instruction reference: Inst-285.

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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