

Hotwater RANGE

Hotwater
Self-regulating heating cables

FIRST
TRACE HEATING
DIRECT

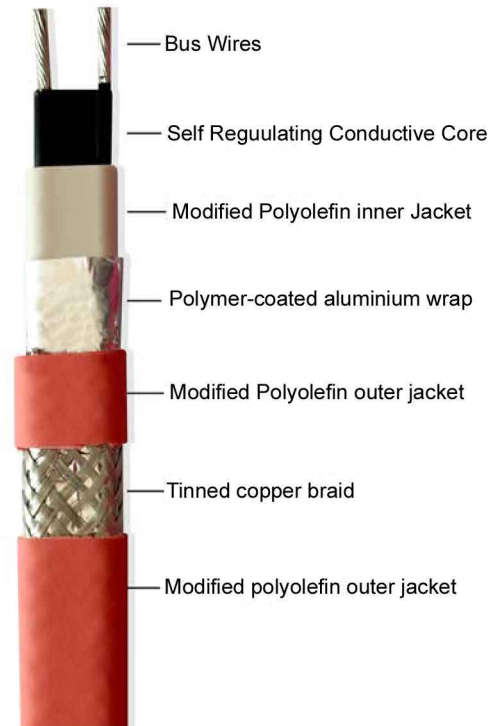
General Information

Hotwater self-regulating heating cables are installed on hot water supply pipes underneath standard pipe insulation. The heating cable replaces supply-pipe heating losses at the point where the heat loss occurs, thereby providing continuous, energy-efficient, hot water temperature maintenance and eliminating the need for a recirculation.

Features

- Energy efficient, automatically varies its power output to compensate for variations in water temperature and ambient temperature.
- Easy to install, can be cut to any length (up to max. circuit length) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Low operating cost, the hotwater system continuously maintains hot water temperature at every point along the supply pipe.
- Hotwater systems eliminate the need for designing complex recirculation systems, with their pumps, piping networks, and complicated flow balancing.

Structures



Specifications

MODEL	W45	W55	W65
Jacket color	Yellow	Orange	Red
Bus wires	16AWG	16AWG	16AWG
Maintenance temperature	45°C	55°C	65°C
Max. exposure temperature	65°C	85°C	85°C
Nominal power output	7 W/m at 45°C	9 W/m at 55°C	12 W/m at 70°C
Minimum bend radius	20mm	20mm	20mm
Supply voltage	208~240V	208~240V	208~240V

Maximum circuit length

	W45	W55	W65
Breaker size	230V	230V	230V
13A	110m	65m	65m
16A	140m	80m	80m
20A	180m	100m	100m

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