SBS-01-HM-ECO-10



SPECIFICATION GUIDELINE SINGLE PIPE HOT WATER SYSTEM MULTI CIRCUIT



CONTROL & MONITORING PANEL

- All hot water temperature maintenance trace-heating circuits shall be controlled and monitored via an integrated electrically protected, single circuit control panel, nVent RAYCHEM SBS-01-HM-ECO-10, by nVent.
- The nVent RAYCHEM HWAT panel shall provide control and monitoring functionality for a single circuit, single pipe hot water temperature maintenance system including the provision of all electrical and circuit protection devices for safety purposes. The electrical panel shall be approved for use with the HWAT system and be certified for use by nVent.

The control and monitoring panel shall have, as a minimum:

- EN60204-1 and EN60439-1 compliance, CE approved for use with heat tracing systems.
- RAL7035 (Light Grey) Coated Metal Housing IP54 rated.
- A volt free alarm contact to indicate
 - RCD or circuit breaker failure mode
 - Loss of power to the unit
 - Controller or sensor error mode
- An HWAT-ECO control unit as the central control device for standard heating and economy set-back mode programmable functions.
- Type C circuit protection and residual current device (30 mA rated) per heating circuit.
- Mounted terminal blocks for easy connection of the heating circuits within the panel.
- An integrated boiler output temperature sensor for water output temperature monitoring capability.
- All electrical connections between the electrical supply, control panel, and the heating circuits shall be carried out by an approved electrical contractor.

IN ENGINEERING NOTES COLUMN

- All HWAT circuits shall be controlled and monitored via the single circuit control panel, SBS-01-HM-ECO-10, by nVent, with integrated circuit protection, MCB's (BS EN 60898 type C/D) and RCD (30 mA sensitivity, tripping within 100 ms).
- The control panel shall EN60204-1/EN60439-1 compliant and CE approved for use with heat tracing systems.
- The panel shall include an HWAT-ECO control unit as the central control device.

United Kingdom

Tel 0800 969 013 Fax 0800 968 624 salesthermalUK@nvent.com

India - Noida

Tel +91 120 464 9500 Fax +91 120 464 9548 NTMinfome@nvent.com

Ireland

Tel 1800 654 241 Fax 1800 654 240 salesIE@nvent.com

India - Mumbai

Tel +91 22 6775 8800/01 Fax +91 22 2556 1491 NTMinfome@nvent.com

South East Asia

Tel +65 67685800 Fax +65 67322263

UAE

Tel +971 4 378 1700 Fax +971 4 378 1777 NTMinfome@nvent.com **Australia**

Tel +61 2 97920250 Fax +61 2 97745931



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

RAYCHEM

SCHROFF

TRACER