

Smart Touch Element

Thermostatic WiFi heating element for towel rails and radiators

Model: Smart Touch Element

Key Features



- **Digital touch control** – with touch sliding bar
- **Two control modes** – room 7 – 30 °C, fluid 30 – 70 °C
- **WiFi app control** – Smart Life app, iOS & Android
- **Voice control** – Google Home and Amazon Alexa
- **Daily & weekly programmable** – via the app
- **2-hour Boost** – full output, then back to standby
- **LST mode** – low surface temperature, fixed 43 °C
- **Anti-freeze** – starts automatically below 7 °C
- **Open window detection** – avoids wasted energy
- **Child lock** – locks all touch keys
- **Heat Plus** – raises the cut-off to 75 °C
- **Temperature compensation** – room reading ± 10 °C
- **Hidden cable kit included** – decorative cable mask
- **Certified** – CE, UKCA, RoHS and ErP Lot 20

1. Technical Specifications

Electrical & Mechanical		Control & Connectivity	
Rated voltage	230 V AC, 50 Hz	Radiator mode	30 – 70 °C, 5 °C steps
Power range	100 – 1500 W	Room mode	7 – 30 °C, 1 °C steps
Appliance class	Class I (earthed)	LST mode	43 °C, fixed
IP rating	IPX4	Boost	2 hours
Thread size	G ½"	Anti-freeze	7 °C
Power cable	1.5 m	Heat Plus	Cut-off 70 → 75 °C
Hidden cable kit	Included	Temp. compensation	–10 to +10 °C
Installation	Electric / dual-fuel	WiFi / app	2.4 GHz / Smart Life
Certifications	CE, UKCA, RoHS, ErP Lot 20	Voice control	Google Home, Alexa

2. Operating Modes & Functions

Function	How it works
Room mode	Holds the set room temperature, 7 – 30 °C (app: Comfort / Eco).
Radiator mode	Holds the fluid at the set temperature, 30 – 70 °C in 5 °C steps.
Boost (Timer)	Full output for 2 h (fluid max. 70 °C), then back to standby.
LST mode	Holds the fluid at a constant 43 °C for a cooler rail surface.
Anti-freeze	Automatic: heats the fluid to 15 °C if it drops below 7 °C.
Child lock	Locks all touch keys, including On/Off (panel or app).
Smart Life app functions	
Weekly schedule	Daily & weekly programming in Room, Radiator or LST mode.
Open window detection	If the temperature drops 3 °C or more in 5 min, runs at 7 °C for 30 min.
Heat Plus	Raises the fluid cut-off from 70 to 75 °C for poor circulation.
Temperature compensation	Adjusts the room reading by –10 to +10 °C to match the actual room.

3. Installation & Application

- **Application:** electric-only (fluid-filled) towel rails and radiators, or dual-fuel installations with a T-piece.
- **Position:** at the bottom of the rail, never at the top. Vertical mounting circulates best and heats the whole rail evenly.
- **Horizontal mounting:** Room mode is recommended, as slower circulation in the bottom bar can cut heating off early at low settings.
- **Fluid:** fill electric-only rails to approx. 90 % full with a glycol-based heating fluid.
- **Fitting:** G ½" thread with O-ring and PTFE tape. Tighten at the main nut with a 22 mm spanner – never by the housing.
- **Electrical:** by a qualified electrician, permanently connected via a fused connection unit. Brown – Live, Blue – Neutral, Green/Yellow – Earth. Class I – must be earthed.

Important

- Never switch on dry – the element must be fully immersed in fluid. Not suitable for dry heating or use in open air.

Compliance: CE and UKCA marked; RoHS compliant (Directive 2011/65/EU); ErP Lot 20 compliant

(Ecodesign Regulation (EU) 2015/1188, local space heaters). WEEE 2012/19/EU – do not dispose of with household waste.