



Cosy Smart Thermostat Control

Heating and hot water control with a difference



A premium product without the premium price tag, the **Cosy smart thermostat** offers great value to you and fantastic functionality to your customers.

Installer Benefits

- Simple to install (and uninstall), no need to spend time removing the existing system
- Fail safe: customers can revert to old system if they wish to move home or live in a rental property
- Independent of boiler manufacturer and utility provider, giving you flexibility and customers more reasons to trust you (not tied to an energy company)
- Commissioning made easy: see status updates on your smartphone
- Full technical support available, less hassle for you
- Multi-fuel: gas, oil, LPG, and Biomass so you know Cosy will work with most heating systems
- Full compatibility with Y plan and S plan heating systems

Customer Benefits

- Controls single-zone, twin zone* and hot water** from a stylish mobile display and iOS, Android or web app
- Remote control of home heating on the Cosy app using four heating modes: Comfy, Cosy, Slumber and Hibernate (with frost protection)
- Mobile thermostat: control heating where you are sitting (or lying or working – wherever you are in the home)
- Use the app to adapt heating schedules to your lifestyle, controlling heat and energy either at home or away
- Multi-user: everyone in the household can use the app with all activity displayed on the activity feed
- Historical temperature information

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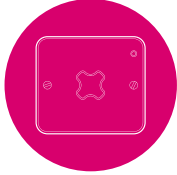
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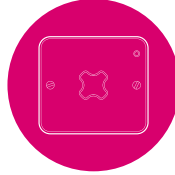
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The Cosy System



Heating Switch

The switch controls the boiler and heating controls, turning them on and off according to the temperature of the home and the heating schedule created.



Hot water Switch

The additional switch controls the boiler and hot water controls, turning them on and off according to the hot water schedule created and works independently from the heating switch.



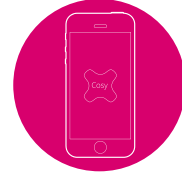
Hub

The hub is the wireless link between the display and the switch. It connects securely to the online service via the home router so customers can control their heating using a smartphone, tablet or PC.



Display

The display is portable, controlling the temperature from where your customer is sitting (rather than on a wall in an unheated hall). It has a docking station to preserve battery life.



App

The Android, iOS and web apps allow the homeowner to control their heating remotely using a smartphone, tablet or PC.

System Configurations

System boiler

	Basic pack (Display, Switch, Hub)	Additional Display required	Additional Hot Water Switch required
Single zone heating	✓	-	-
Twin zone heating	✓	✓	-
Single zone heating + hot water	✓	-	✓
Twin zone heating + hot water	✓	✓	✓

Combi boiler

	Basic pack (Display, Switch, Hub)	Additional Display required	Additional Hot Water Switch required
Single zone heating	✓	-	-
Twin zone heating	✓	✓	-

Technical Specification

Switch

Supply voltage	240Vac 50Hz
Supply power	< 0.5W
Operating temp	+5 to +55°C
Operating humidity	0 to 85% RH non-condensing
Storage temp	0 to +55°C
Storage humidity	0 to 85% RH non-condensing

Heating switch channels (T1 + T2)

Max. terminal voltage	250Vac, 50Hz
Max. terminal current	3.0A
Max. terminal power	750W

EU Regulations 811 and 812/2013

Temperature control	Class 1
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*For twin zone systems, a second display unit is required

**Not for combi-boiler systems (Cosy will only control the heating). For S and Y plan heating systems a Hot Water Extension Pack will be required.

Hub

Supply voltage	5Vdc
Supply power	250mA, 1.25W
Operating temperature	+5 to +55°C
Operating humidity	0 to 85% RH non-condensing
Storage temperature	0 to +55°C
Storage humidity	0 to 85% RH non-condensing

Display

Supply voltage	5Vdc
Supply power	250mA, 1.25W
Operating temperature	+5 to +55°C
Operating humidity	0 to 85% RH non-condensing
Storage temperature	0 to +55°C
Storage humidity	0 to 85% RH non-condensing

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