



Hot Water Switch installation instructions

Please pass to your installer


Important safety notice



The following safety regulations must be observed at all times.
Failure to observe precautions could result in severe injury or death.

This product must only be installed by a competent person.


 It is important to observe some simple safety precautions when installing and using this product. Read this important information before continuing. Safe operation of the unit is impaired if not used or installed in a manner specified by the manufacturer.

 Isolate mains supply before removing the switch cover. When connected to a live mains supply, all internal parts are at mains potential. No user serviceable parts inside.

 For use in dry, indoor environments only.

 This product is double insulated.

 At the end of its life please recycle at a suitable recycling facility. Do not place in general waste.

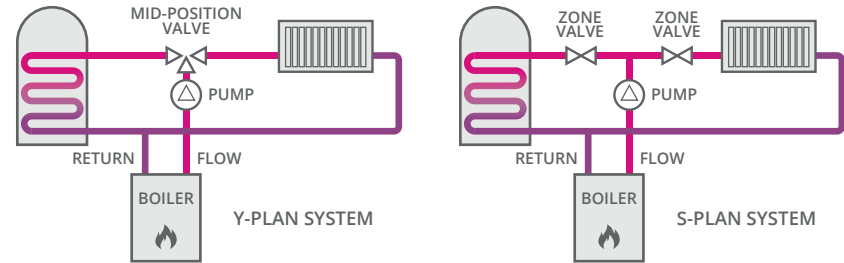
 These units have been tested and conform to all relevant European safety and regulatory standards where applicable but not limited to the following: EN 60730-2-9:2010 with EN 60730-1:2000 + A1:2004 + A12:2003 + A13:2004 + A14:2005 + A15:2007 + A16:2007 + A2:2008 (Excluding clauses: H.23, H.26 and Annex ZF); EN 60950-1:2005 (Second edition), Am 1:2009; EN 300-220-1; EN 301-489-1.

Compatibility

Cosy is a mains powered wireless controlled thermostat that controls the heating and hot water. This guide refers to the installation of the switch that is used to control the hot water.

Compatibility with hot water systems:

- Cosy only controls hot water on systems with a hot water tank. (i.e. not a combi boiler)
- This version of Cosy can be used with a Y plan hot water system which uses a three-way valve or an S plan system using individual valves. (see diagrams)

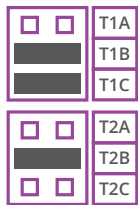


Step 1 – configure a switch for hot water

The Cosy switch can be used to control hot water. Using the jumpers inside the switch, it should be configured as below.

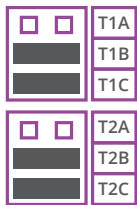
Y-Plan Hot Water

Remove T2C jumper.



S-Plan Hot Water

This is the default setting.

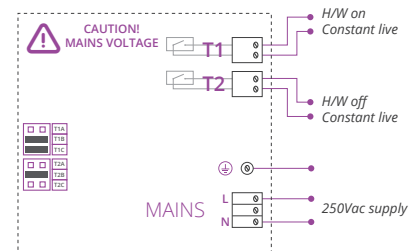
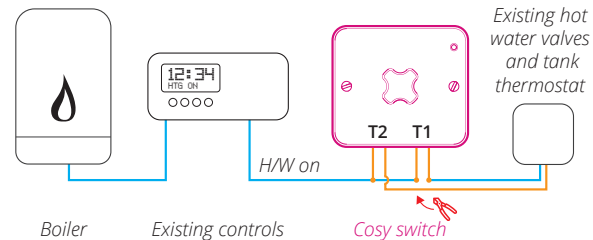


Step 2 – install the switch for hot water

The hot water switch can be used to control the hot water in either a Y-Plan or S-Plan configuration. The switch must be installed into the existing system in series with the hot water demand. In the case of Y-plan the switch should be configured as shown (page 4) as a changeover switch to ensure the three way valve operates correctly.

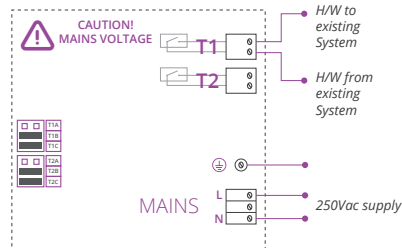
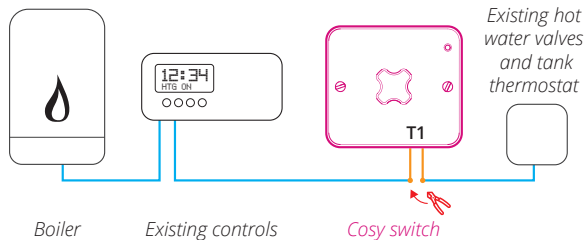
T1 and T2 are both normally open switches. When the unit is configured as a Y-Plan switch, the system will recognise this and make T2 a normally closed switch.

Y-Plan Configuration



Step 2 – install the switch for hot water continued

S-Plan Configuration



Step 3 – pair the switch to the existing system

Once the Hot Water Switch has been fitted, you will now need to pair it to the Cosy system.

1) Power ON the **Hot Water Switch** and ensure the Cosy **Hub** is powered on and connected to the internet.

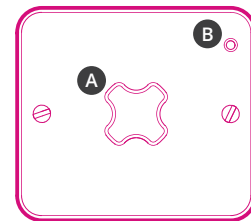
2) Press and hold the Cosy Button (A) on the **Hot Water Switch** for 3-5 seconds, until the Link LED (B) begins to flash **RED**.

3) Press and hold the Link button (A) on the **Hub** for 3 seconds. The link LED on the Hub will flash **AMBER** to show it is in pairing mode.

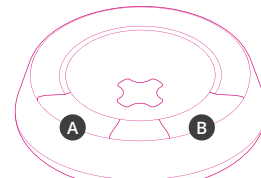
4) The link LED on the **Hub** and **Switch** will turn **GREEN** to show that the devices have been paired successfully.

5) Once paired, you will need to power cycle the **Hub** and **Switch** to update the system configuration.

The Hot Water Switch is now installed and paired to the system.



Hot Water Switch



Cosy Hub

Step 4 – testing & handover

Please tick each box to show it has been carried out successfully

Testing Hot Water

- Set the existing hot water controls to always on
- Whilst the central heating is in Slumber, switch the hot water on from the Cosy app
- Turn up the **system** hot water temp setting (normally on tank thermostat) - check boiler fires
- On the Cosy display switch hot water off - check boiler stops
- Return the **system** hot water setting to the original temperature

Cosy hot water is now installed and live

<p>Installer: I have completed the install and tested the system as detailed in these instructions.</p>	<p>Signature: Name: Company:..... Contact details:.....</p>
<p>Customer: I am happy that the installer has completed the task as requested.</p>	<p>Signature: Name:..... Date:...../...../.....</p>

Troubleshooting

Is Cosy compatible with this hot water system?

Cosy support hot water in either Y-Plan or S-Plan configurations where a hot water tank is present.





The LED on the switch is red - what is the problem?

The LED on the switch is red when:

- The firmware on the switch is being updated by the hub. This is normally the case when the switch is first installed.
- The switch has lost pairing with the hub. The switch comes pre-paired, which can occur if the middle button has been held for many seconds. Try and turn the switch power off and then on.

How do I re-pair the system?

The Cosy system comes pre-paired. To re-pair the system:

- On the **display**, press and hold the bottom button (**O**) and then press the reset button on the base of the unit. Keep holding the **O** button until the display shows UNPAIRED DISPLAY.
- Press and hold the link button () on the **hub** for 3 seconds - LED will be flashing amber.
- On the **display**, press the top button () - the display will show the temperature (or SWITCH ERROR if the switch is also unpaired).
- Press and hold middle button on the **switch** for 5 seconds - link LED () will flash red.
- Press and hold the link button () on the **hub** again for 3 seconds - LED will be amber.
- Once all the systems have properly paired, all link LEDs should be green and the display will be showing the current temperature.

Troubleshooting continued

The display shows LINK ERROR

This happens when the switch or the display cannot communicate with the hub. This message might be shown when the system is first installed or during updates and will disappear once all components have been updated.

- Move the display closer to the hub.
- Check that there is nothing that could interfere with the wireless signal, such as large metal objects (e.g. flatscreen TV) or another wireless device.

The link icons (📶) on the hub and switch are amber

This means that the wireless connection between the hub and the switch or the hub and the display has been lost. Try moving the display closer to the hub, moving the hub closer to the switch or rotate the hub to try and improve the signal to both the switch and the display.

Manufacturer

This product was designed and manufactured by:

Green Energy Options Ltd.,
3 St. Mary's Court,
Hardwick,
Cambridge,
CB23 7QS,
UK

Technical support

For technical queries relating to the installation, please call **0845 643 5118**.

Lines are open (UK hours):

- 8.30am to 6.00pm, Monday to Friday, excluding public holidays
- 8:30am to 12:30pm on Saturday mornings



*Further advice can be found on the knowledge base:
<http://www.comehometocosy.com/support>*



comehometocosy.com