

# Working Parameter and Specifications

Temperature Control:	30-70°C
High limit temperature:	82°C
Temperature tolerance:	+/-5°C
Probe length:	160mm
Degree of protection:	IP40
Insulation Class:	I
Maximum pocket pressure:	10 Bar

CE Marked  
EMC & LVD Tested  
WEEE  
RoHS  
REACH

## STAY CONNECTED



@TeslaUK



@TeslaUKLtd

+44 (0) 121 686 8733  
technical@teslauk.com

Tesla UK Ltd  
Unit 3b, First Avenue  
Minworth, Sutton Coldfield  
West Midlands  
B76 1BA

Tel: +44 (0)121 686 8711 Fax: +44 (0)121 686 8712  
www.teslauk.com

Tesla UK Ltd reserves the right to make changes to the product which may affect the accuracy of information contained in this leaflet.

V2 March 2022



# TESLA UK

## Dual Cylinder Thermostat

### Installation & Maintenance Instructions



A liquid filled thermostat to control or provide a high-limit cut-off to a hot water cylinder in the event of a failure.

# General Function

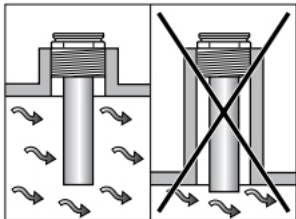
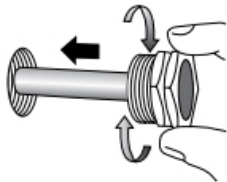
A liquid-filled dual control thermostat which adopts two levels of protection. The dual thermostat includes both a temperature control and a high limit safety cut-out and manual re-set. This thermostat is designed to be fitted to the hot water cylinder and in the event of a failure the thermostat will either cut off due to the control thermostat reaching its set temperature which is user adjustable or by the high limit cut-off thermostat which is set to a pre-determined temperature.

# Installation

Please note: Before connecting or working on the thermostat, please ensure that the power supply is NOT CONNECTED and that the fused spur is switched to the off position.

Any electrical work should be carried out by a competent person to confirm to the current IEE regulations.

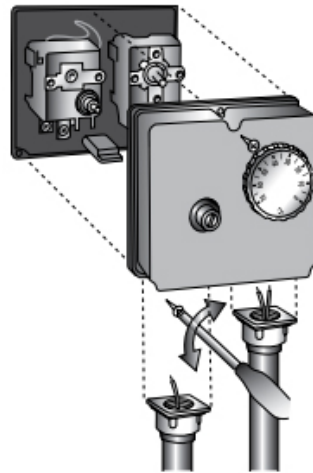
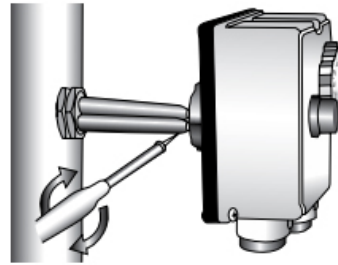
First install the pocket into the hot water cylinder.



Ensure that the probe is connected directly into the hot water cylinder and that the connection provided, is directly submerged into the hot water supply.

Insert the probes on the back of the Dual Thermostat into the pocket.

Then tighten the locking screws on either side.



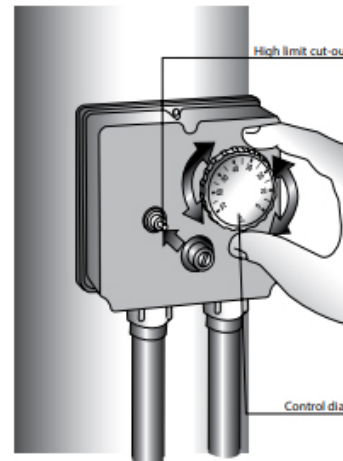
Remove the high limit cut out cover from the front of the thermostat and then by unscrewing the 3 screws remove the complete cover.

Thread the power supply cables to the relevant gland.

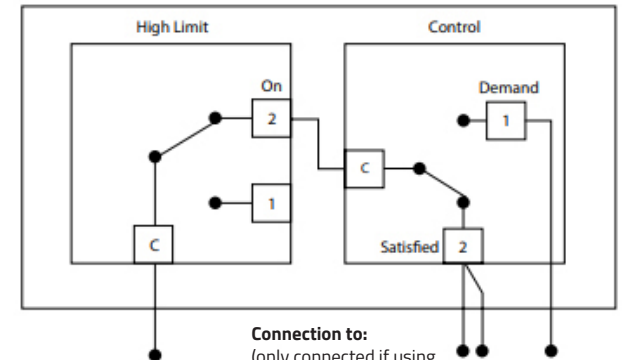
Connect the electrical supplies, using the wiring diagram provided.

Then adjust the control dial to the required level.

Replace the thermostat cover and screws.



# Wiring Diagram



**Connection from:**  
Hot water ON  
from programmer

**Connection to:**  
(only connected if using  
mid-position valve)  
Hot water OFF from  
programmer & grey wire  
of the mid-position valve

**Connection to:**  
Brown wire of the  
zone valve or  
orange wire of the  
mid-position valve