

The Smart Immersion Heater Thermostat

The UKC Smart immersion heater technology allows you to effortlessly update your cylinder to a smart controlled appliance increasing functionality and control. Within the various modes you will see benefits such as bacteria control and better hot water efficiency, reducing wastage and making savings in cost of energy.



FEATURES

CONNECTIVITY

Once connected to your WiFi router, the UKC Smart thermostat can be controlled via the mobile application. You can choose the function required, set time programmes and even activate or deactivate travel mode to conserve energy whilst travelling.

ENERGY EFFICIENT

Smart, Eco and Holiday mode offer differing energy efficiency benefits for your system, whilst built in protection will ensure bacteria growth is controlled and freeze protection is covered.

PROGRAMMER

Built in features such as on/off at set times and a 7 day built in programmer with easy view weekly/daily display. Unlimited time and temperature settings gives the homeowner complete flexibility and control.


ANTI-LEGIONELLA


The Anti Legionella function is built into each mode of the UKC Smart. Giving you peace of mind that your system will be protected from bacteria. This function ensures the system carries out pasteurisation at least once every 15 days.


FROST PROTECTION


The frost protection function will ensure your hot water tank is protected and prevents the stored water from falling below 10°C.


MODES

 **MANUAL:** Simple on/off and temperature control.

 **ECO:** Set at 55° to ensure energy efficiency.

 **SMART:** The learning function will provide hot water when it's needed based on historical use.

 **TIMER:** Allows a seven day timer plan to be set removing the need for a separate time clock or controller.

 **TRAVEL:** Sets the tank to 10° with anti freeze protection to save energy whilst travelling.



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FREE APP
to download
and use

UK CYLINDERS

YOUR HOT WATER SPECIALISTS



TECHNICAL DATA



- 1 POWER**
Turn the thermostat on or off
- 2 MODES**
Switch between modes
- 3 TEMPERATURE CONTROL**
Increase or decrease temperature
- 4 HEATING**
Heating in progress (yellow indicator.)
- 5 MODE INDICATOR**
Displays the current mode
- 6 STATUS**
WiFi and network status
- 7 TARGET TEMPERATURE**
Shows you the temperature you want to reach
- 8 CURRENT TEMPERATURE**
Shows the current water temperature

CODE DESCRIPTION

UKX071	UKC SMART RETROFIT IMMERSION HEATER CAP INC WIFI/APP
UKX072	14" Incoloy 1 3/4" Immersion Heater & Smart APP/WIFI
UKX073	14" Titanium 1 3/4" Immersion Heater & Smart APP/WIFI

PRODUCT SPECIFICATION

Thermostat type	Single-phase stem/rod electronic thermostat
Rated current/Voltage	16A/250V AC
Safety cut-out	Bipolar with bimetallic disc
Functional cut-off	Unipolar
Safety reset	Manual
Max functional temperature	Max 70°C/± 2°C
Bimetallic disc reaction temperature	70 ± 3°C
Temperature selection range	From 15-70°C
Thermal hysteresis	4 ± 3°C
Standard stem length	270mm
Electrical connection	Quick fasten connection 6.3x1.0 mm
Display	TFT LCD 1.44"
Display panel IP Class	IP24
External regulation	With HMI
Wi-Fi protocol	IEEE 802,11 b/g/n
Approvals	Conformity CE



Utilising the retrofit kit UKX071 there is **NO REQUIREMENT TO DRAIN DOWN THE SYSTEM**