

Ara

Instantaneous Inline
Water Heater
Thermostatic
3.0 kW

A



Usage

Effective low cost solution for light hand washing at a single basin. Compact design, energy efficient and easy to install. Buy with our compatible hot and cold tap as a set for convenience and confidence. Confirm that the flow rate and temperature performance is adequate for your application using the chart and tables provided.

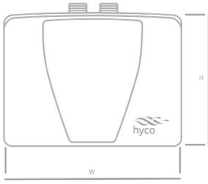
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Features and Benefits

- Hot water for light hand washing at a single basin only
- Bare wire heating system gives fast heat up time
- Heats the water instantly as it flows through the unit
- Energy efficient –no standing losses
- 3.0 kW power rating
- Easy to install, 13 amps connects to standard wiring
- Ideal bought as a set with our hot and cold tap or use with a Vega infrared tap (page 62)
- Not suitable for use with thermostatic mixing valves or taps or to supply a single lever mixer tap
- Must be used with a spray head tap
- Supplied 1.6l/m flow restrictor must be fitted to the tap spout giving a temperature uplift of 27°C
- This will give 42°C in summer, incoming water temp 15°C and 37°C in winter, incoming water temp 10°C.
- External electronic thermostatic control accurate to the nearest degree
- LED temperature display
- Energy saving – only uses the power required to deliver the chosen temperature
- Heating power adjusted electronically to compensate for temperature, flow rate and water pressure variations
- Temperature factory set at 38°C and can be adjusted by the user between 35°C and 50°C. In normal usage the maximum temperature is 37°C to 42°C.
- After power on/ off the unit will recall the last usage outlet temperature. When power is restored the heater must be turned back on.

Product Code	Includes HCTAP1	Power (kW)	Thermostatic	Max Flow Rate (l/m) handwash*	Standing Loss (kWh/day)
IN30TSET	Yes	3.0	Yes	1.6	0
IN30T	No	3.0	Yes	1.6	0

*Flow rates based on incoming water supply temperature of 13°C, hand wash at 38°C



Outer Casing
Easy clean high impact ABS

Heating Element
Bare-wire heating system

Controls
Temperature display (°C)
Power on/ off button
+/- controls allow the user to set the required temperature.

Safety
Overheat temperature protection
IN30 - 75°C, IN30T - 85°C.
Thermostatic model – water temperature controlled to maintain user selected temperature between 35°C and 50°C as water pressure conditions vary.

IP Rating
IP24

Installation
This appliance must be installed in a frost free environment.

The heater should be located as close as practical to the hot water outlet to avoid unnecessary heat losses through the pipework.

Plumbing
Must be installed by a suitably qualified person.

Minimum flow rate 1.2 l/m.
Minimum water pressure 0.5 bar.
Maximum water pressure 8.0 bar.
Water resistivity $\geq 1300 \Omega\text{cm}$ @ 15°C.

Water Connection
Inlet/ Outlet 2 x 1/2" BSP male (37mm apart centre to centre).
Fittings required (not supplied):
2 x 15mm compression to 1/2" BSP female adapter.

Suitable for use with pre-heated water e.g. solar heating systems subject to maximum inlet water temperature 30°C.

Electrical Connection
Installation must comply with current IET wiring regulations.

Single phase. Fuse rating guide 13 amps.

The product should be connected to the fixed wiring of the property via a suitably rated isolating switch with a contact separation of at least 3mm in all poles.
Cable pre-wired 0.7m.

Approvals
CE, UKCA

Standard Warranty
1 year parts or replacement warranty.

Product Code	Height (mm)	Width (mm)	Depth (mm)	Weight (kg) Empty
IN30T	130	185	90	1.3
HCTAP1	250		170	