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Instantaneous Inline
Water HeaterThermostatic and non thermostatic
3.0 kW

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

- Supplies hot water to a single outlet for light hand washing 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 for IN30T use with a Vega infrared tap (page 60)
- 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

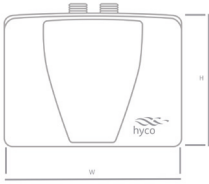
37°C in winter, incoming water temp 10°C.

Thermostatic Model Only

- 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 automatically adjusted 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 interruption the unit will recall the last usage outlet temperature but must be turned back on using the touch screen

Product Code	Includes HCTAP1	Power (kW)	Thermostatic	Max Flow Rate (l/m) handwash*	Standing Loss (kWh/day)
IN30SET	Yes	3.0	No	1.7	0
IN30	No				
IN30TSET	Yes	3.0	Yes	1.7	0
IN30T	No				

*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 (Thermostatic Model only)

Temperature display (°C)

Power on/ off button

+/- controls allow the user to set the required temperature.

Tap and Tap Spray Nozzles

See features and benefits section

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 - IN30

IP24 - IN30T

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 $\geq 1300 \Omega\text{cm}$.

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.

Thermostatic model only is suitable for use with pre-heated water e.g. solar heating systems subject to maximum inlet water temperature 60°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
IN30	170	135	70	0.9
IN30T	130	185	90	1.3
HCTAP1	230		170	