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Instantaneous Inline
Water HeaterThermostatic and non thermostatic
3.0 kW

Usage

Effective low cost solution for hand washing at a single basin. Must be used with a spray head tap with the supplied tap spray nozzle. Confirm that the flow rate and temperature performance is adequate for your application using the chart and tables provided. Not suitable for higher volume applications such as kitchens where higher kW or storage water heater solutions such as Speedflow will be more suitable.

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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
- Compact space saving design
- Intended for use with spray head taps with removable M22/ M24 nozzles
- Compatible taps available separately
- Not suitable for use with thermostatic mixing valves or taps or to supply a mixer tap
- Supplied with a 1.6 l/min flow restrictor which must be fitted to the tap spout giving a temperature uplift of 27°C
- This would give 42°C in summer, incoming water temp 15°C and

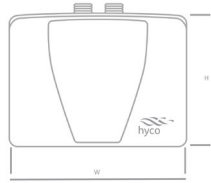
37°C in winter, incoming water temp 10°C.

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	Power (kW)	Thermostatic	Max Flow Rate (l/m) handwash*	Standing Loss (kWh/day)
IN30	3.0	No	1.7	0
IN30T	3.0	Yes	1.7	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 (Thermostatic Model only)
Temperature display (°C)
Power on/ off button
+/- controls allow the user to set the required temperature.

Tap and Tap Spray Nozzles
Intended for use with spray head taps with removable M22/ M24 nozzles. Compatible taps available.

Important – the supplied tap spray nozzle must be fitted in the tap for best performance.

Safety
Overheat temperature protection
IN30 - 75°C, IN30T - 85°C.
Thermostatic model – water temperature controlled to maintain user selected temperature between 30°C and 55°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 IEE 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

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