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Instantaneous Inline
Water HeaterThermostatic and non thermostatic
4.4 and 6.0 kW

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Usage

Suitable for hand washing at a single basin. Confirm that the flow rate and temperature performance is adequate for your application using the chart and tables provided.

Features and Benefits

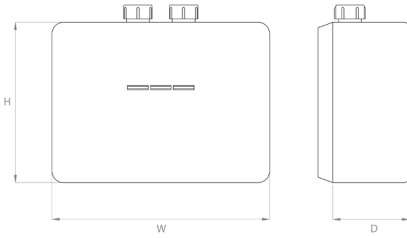
- Supplies hot water to a single outlet
- Bare wire heating system gives fast heat up time
- Heats the water instantly as it flows through the unit
- Energy efficient – no standing heat losses
- 4.4 or 6.0 kW power rating
- Compact space saving design
- Intended for use with spray head taps with removable M22/ M24 nozzles
- Thermostatic models suitable to use with Vega infrared tap (page 64)
- Not suitable for use with thermostatic mixing valves or taps or to supply a single lever mixer tap

Thermostatic Model Only

- External electronic thermostatic control accurate to the nearest degree
- Blue 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 30°C and 48°C
- After power off/ on the unit will recall the last usage outlet temperature

Product Code	Power (kW)	Thermostatic	Max Flow Rate (l/m) handwash*	Standing Loss (kWh/day)
IN44 IN44T	4.4	No Yes	2.5	0
IN60 IN60T	6.0	No Yes	3.4	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
(3 nickel chrome heating elements)

Controls (Thermostatic Model only)
Temperature display (°C)

Power on/ off button

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

The temperature display will flash if the set temperature cannot be reached.

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 80°C. Thermostatic model – water temperature controlled to maintain user selected temperature between 30°C and 48°C as water pressure conditions vary.

IP Rating
IPX4

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 2.5 l/m.
Minimum water pressure 1 bar.
Maximum water pressure 7.5 bar.
Water resistivity $\geq 1300 \Omega\text{cm}$.

Water Connection
Inlet/ Outlet 2 x 1/2" BSP male (40mm 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 48°C.

Electrical Connection
Installation must comply with current IET wiring regulations.

Single phase. Fuse rating guide
19 amps for 4.4 kW and 26 amps for 6.0 kW.

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, WRAS

Standard Warranty
2 year parts or replacement warranty.

Product Code	Height (mm)	Width (mm)	Depth (mm)	Weight (kg) Empty
IN44 IN44T	140	190	80	1.6
IN60 IN60T	140	190	80	1.6