

# Ultra High Performance Unvented Indirect Hot Water Cylinder

## EUHPC08045V

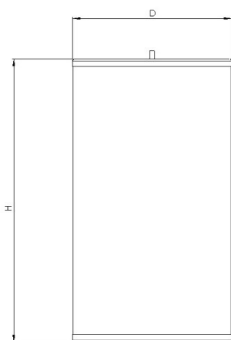
### Product Description

Element Ultra High Performance unvented hot water cylinders are built to a high standard of quality and are manufactured from high grade duplex stainless steel. The standard operating pressure of the Element range starts at 4.5 bar, with 6 bar available where required, and Inlet and outlet connections are 28mm as standard allowing high flow rates of up to 77 l/min – a high pressure, high flow solution.

The Element Indirect cylinders are supplied as standard with a combination inlet valve (incorporating pressure reducing valve, safety relief valve, balanced cold water connection, and non-return valve), factory-fitted temperature and pressure relief valve, 1 x 3kW back-up immersion heater, secondary return connection, two port motorised zone valve and a suitably sized expansion vessel providing a complete package for your installation.

### Dimensions

Height (H)	665 mm
Outer Diameter (D)	576 mm
Weight	30 kg



ErP Rating

**A**

Approx Coil Surface Area (m <sup>2</sup> )	Approx Coil Volume Area (m <sup>2</sup> )	Recommend-ED Flow rates through Coil. (l/s)	Coil Pressure Drop-At Recommended Flow (kpa)
0.54	2	0.4	30

- Approvals: CE, UKCA, WRAS, ISO
- Building Standards: BS 853-1-1996 & BS-12-897
- Building Regulations: Part G & L
- Guarantee: internal cylinder 25 years. Ancillary components 1 year



### PRODUCT DATA SHEET



### Specification

Inlet connection size	28 mm
Outlet connection size	28 mm
Secondary Return Connection	1/2" BSP
Immersion Heater	1 x 3kW 1ph
Insulation Thickness	60 mm
Volume (Nominal)	080 ltrs
Pressure Range	4.5 bar
Expansion Vessel	12 ltrs
Heat Loss	0.77 kWh/24hr @ 65°C
Reheat Time**	14 mins
Coil Rating*	14 kW
Coil Diameter	DN20

\*Based on primary flow / return temp of 80/60 °C

\*\*Based on 70% draw-off at ΔT 45°C.

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