

# Product Overview

## Albion Ultrasteel

Unvented Hot Water Cylinders with External Thermal Expansion



# Product Info

## Albion Ultrasteel

All cylinders supplied with:



Inlet control set  
with balanced cold



Acetal  
tundish



Temperature &  
pressure relief  
valve\*



Potable water  
expansion vessel

### Key Features:

- Mains pressure hot water (regulated up to 3 bar) for powerful showers
- Good flow rates for fast filling of baths, ideal for multiple bathrooms
- Well insulated with low heat loss
- Low reheat times for fast availability of hot water
- Oxygen purge welded Duplex stainless steel inner vessel for superior corrosion resistance
- Advanced coil-in-coil heat exchanger design for optimum heat transfer
- Guaranteed<sup>#</sup> for 25 years on Duplex inner vessel against manufacturing defects and 2 years on parts

### Direct Cylinders



### Connections

- |  |  |
|--|--|
| A 22mm Cold feed with dip pipe to diffuser in bottom of cylinder | D1 22mm Boiler coil connections  |
| B 22mm Hot water outlet  | D2 22mm Solar coil connections   |
| C Immersion heater*  | E Temperature & pressure relief valve*   |
|  | F 22mm Secondary return (for cylinders with a capacity of 210L and above only) |
|  | G Dry stat pocket  |

**Direct cylinders come with:**  
1x Standard immersion heater  
1x Smart immersion heater

**Indirect cylinders come with:**  
1x Standard immersion heater  
(250L & 300L cylinders come with 2x standard immersion heaters)

**Solar Indirect cylinders come with:**  
1x Standard immersion heater

\* Factory fitted to a cylinder.

<sup>#</sup> All guarantees subject to Terms and Conditions including an annual servicing requirement.



Selected models supplied with:



Immersion  
heater/heaters\*

Indirect and  
Solar Indirect



Two port  
valve

Indirect and  
Solar Indirect



Dual  
thermostat

Solar Indirect



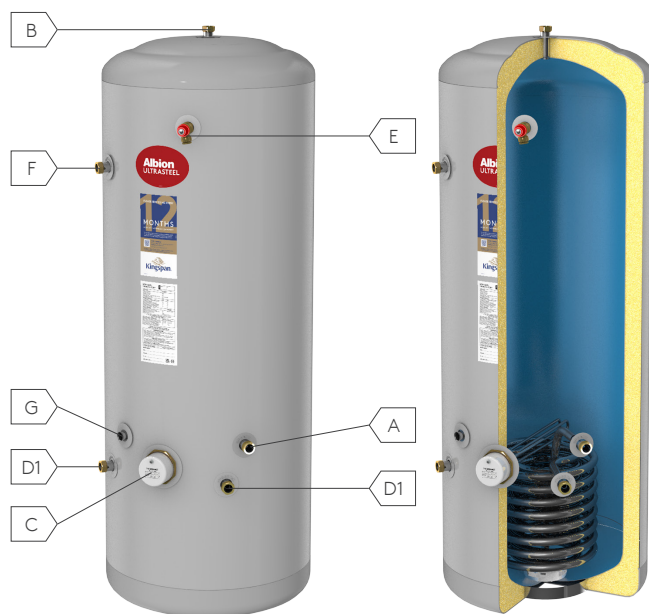
High limit  
thermostat

Indirect  
Horizontal

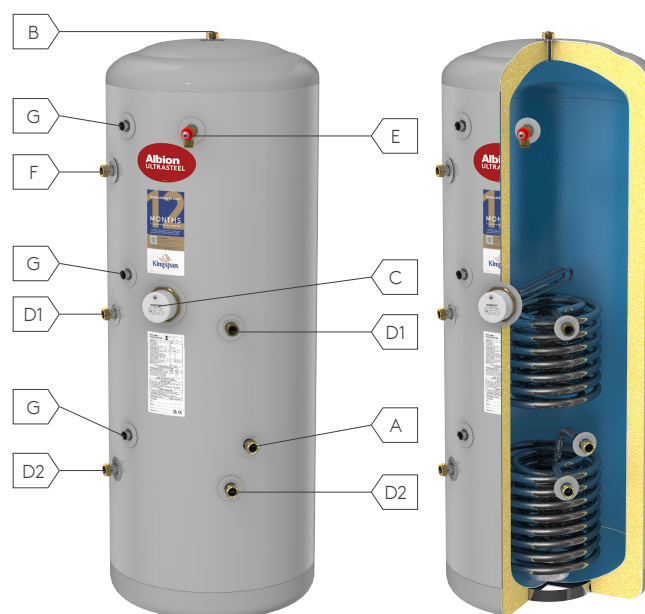


Cradles

## Indirect Cylinders



## Solar Indirect Cylinders



Form Factor	Nominal Capacity (Litres)	Height (mm)	Dia. (mm)	ErP (Cylinders with coil)				ErP (Electrically heated cylinders)					
				Indirect Codes	Solar Indirect Codes	Rating	Standing Loss (W)	Direct Codes	Rating	Load Profile	Noise Level (dB)	Efficiency (%)	kWh/year
Standard Vertical	120	930	550	AUI120ERP	-	C	54	AUD120ERP	B	M	15	39.9	1222
	150	1117	550	AUI150ERP	-	C	59	AUD150ERP	C	L	15	39.0	2628
	180	1305	550	AUI180ERP	AUSI180ERP	C	67	AUD180ERP	C	L	15	41.0	2425
	210	1493	550	AUI210ERP	AUSI210ERP	C	75	AUD210ERP	C	L	15	38.3	2672
	250	1744	550	AUI250ERP	AUSI250ERP	C	84	AUD250ERP	C	L	15	38.4	2669
	300	2057	550	AUI300ERP	AUSI300ERP	C	93	AUD300ERP	C	L	15	40.9	2504
Slimline Vertical	90	1089	475	AUI90SLMERP	-	C	58	AUD90SLMERP	B	L	15	58.9	872
	120	1276	475	AUI120SLMERP	-	C	56	AUD120SLMERP	C	L	15	39.5	2589
	150	1465	475	AUI150SLMERP	-	C	66	AUD150SLMERP	C	L	15	38.1	2689
	180	1714	475	AUI180SLMERP	-	C	72	AUD180SLMERP	C	L	15	39.2	2640
	210	2027	475	AUI210SLMERP	-	C	87	AUD210SLMERP	C	L	15	39.4	2597
Horizontal	Cap.	Height	Length	Dia.									
	180	680	1258	550	AUIH180ERP	-	C	67					
	210	680	1446	550	AUIH210ERP	-	C	75					
	250	680	1696	550	AUIH250ERP	-	C	84					
	300	680	2009	550	AUIH300ERP	-	C	93					

Note: Do not use immersion heaters as the primary heat source on indirect or solar indirect cylinders.  
All dimensions  $\pm 3\text{mm}$  unless stated otherwise.

---

# Contact Details

---

## UK

**Kingspan Water & Energy Ltd.**

Tadman Street | Wakefield

West Yorkshire | WF1 5QU

T: (GB) +44 (0) 345 260 0258

T: (NI) +44 (0) 28 3836 4520

E: [hotwater@kingspan.com](mailto:hotwater@kingspan.com)

[kingspancylinders.com](http://kingspancylinders.com)

---



KingspanWaterandEnergy



@KingspanWatEner



YouTube KingspanWaterEnergy

We take every care to ensure that the information in this document is accurate at the point of publication. Dimensions may vary (within a small parameter) due to manufacturing process variations or environmental conditions. All images are for illustration purposes only and, along with dimensions, should not be taken as binding. The actual product may vary and aspects such as equipment specification/ colour may differ. To ensure you are viewing the most recent and accurate product information, please visit this link: <https://www.kingspan.com/gb/en-gb/products/hot-water-cylinders> ©Kingspan and the Lion Device are Registered Trademarks of the Kingspan Group in the UK, Ireland and other countries. All rights reserved. Registered in Country No.NI017631. Registered Office: 180 Gilford Road, Portadown, Co. Armagh, BT635LF. VAT GB412 5124 03

