



ULTRA STEEL PRE-PLUMB

UNVENTED STAINLESS STEEL CYLINDERS

In addition to significant reductions in installation times, Pre-plumb cylinders bring a consistency to each installation for a neater, more aesthetically appealing finish.

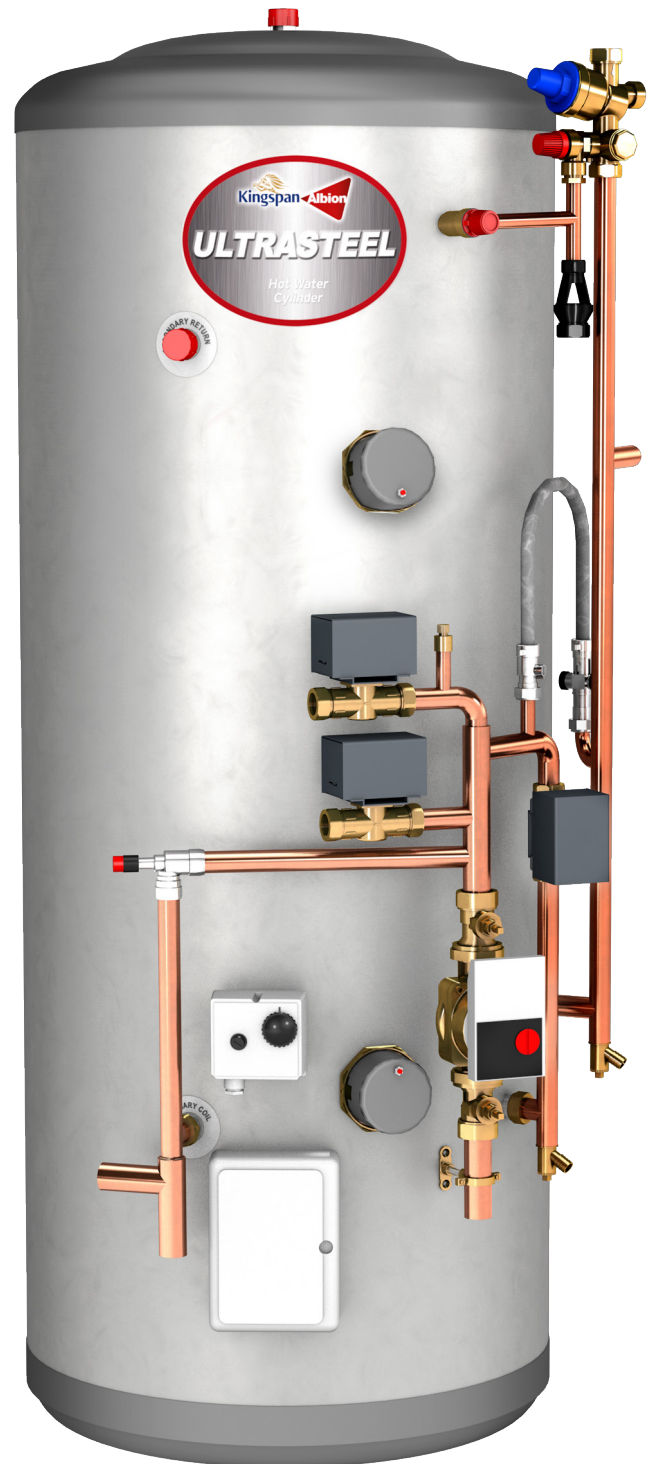
Using our standard Ultrasteel cylinder with Duplex stainless steel inner vessel for superior corrosion resistance, the cylinder is then factory fitted with all pipework and key components, including circulating pump, thermostat, inlet control set, two port valves, and electric wiring box.

With the most time consuming aspects of the installation taken care of, all the plumber has to do is hook up the cylinder, fit the external expansion, do a quick check of all the connections, ready for commissioning.

Key Features:

- › Up to 70% quicker to install
- › Seven day programmable room thermostat with timed domestic hot water (DHW) control
- › Separate central heating and hot water zones
- › Automatic bypass valve for system efficiency
- › Low reheat times for fast availability of hot water
- › 25-Year guarantee on inner vessel, 2 years on parts*

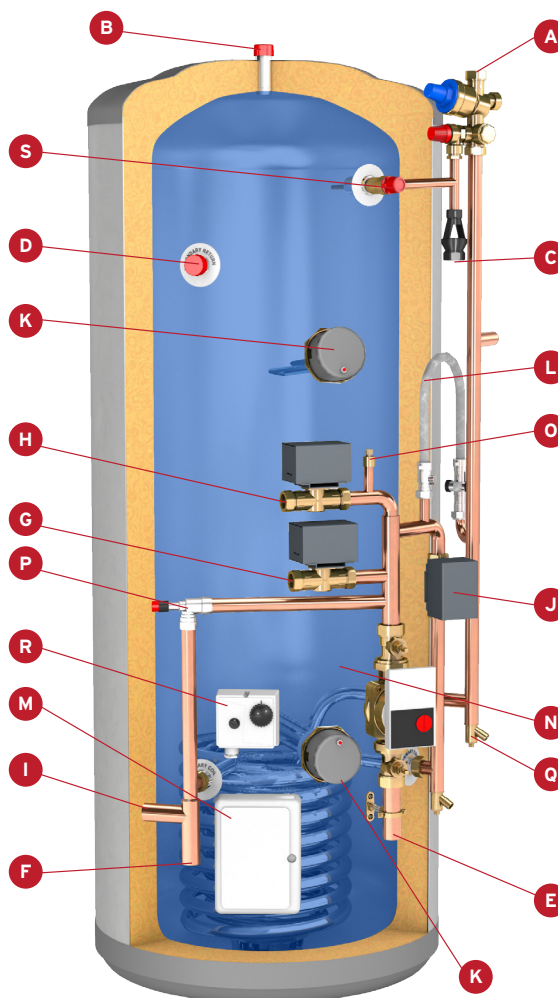
* See installation instructions for full terms and conditions



CONNECTIONS:

- A** 22mm Inlet control set - cold feed
- B** 22mm Hot water draw-off
- C** Tundish drain-off
- D** Secondary return (210L, 250L & 300L)
- E** 28mm Flow from boiler
- F** 28mm Return to boiler
- G** 22mm Central heating flow (Zone 1)
- H** 22mm Central heating flow (Zone 2)[†]
- I** 28mm Return from radiator circuit
- J** 22mm DHW two port valve
- K** Immersion heater*
- L** Filling loop flexible hose
- M** Wiring box
- N** Circulating pump
- O** Manual bottle air eliminator
- P** Auto bypass valve
- Q** Cold feed drain
- R** Thermostat
- S** 1/2" Temperature relief valve

Capacity (Litres)	INDIRECT		
	Heat-up Time (Minutes)	Coil Rating (kW)	Immersion Heaters (3kW)
150	25	16.76	1
180	28	17.44	1
210	30	19.68	1
250	34	20.95	2
300	44	21	2



Cylinder type and Code		Capacity (Litres)	Height (mm)	Dia. (mm)	Boss centre from floor									ErP	
					A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Rating	Standing Loss, (W)
SINGLE ZONE	AUI150P4EUP	150	1068	550	1068	1114	779	N/A	142	211	547	N/A	286	B	51
	AUI180P4EUP	180	1256	550	1256	1302	967	N/A	142	211	547	N/A	286	C	60
	AUI210P4EUP	210	1444	550	1444	1490	1155	1151	278	246	682	N/A	321	C	71
	AUI250P4EUP	250	1694	550	1694	1741	1406	1401	278	246	683	N/A	321	C	82
	AUI300P4EUP	300	2007	550	2007	2054	1719	1601	383	246	788	N/A	321	C	94
TWIN ZONE	AUI180PT4EUP	180	1256	550	1256	1302	967	N/A	142	211	547	667	286	C	60
	AUI210PT4EUP	210	1444	550	1444	1490	1155	1151	278	246	682	802	321	C	71
	AUI250PT4EUP	250	1694	550	1694	1741	1406	1401	278	246	683	803	321	C	82
	AUI300PT4EUP	300	2007	550	2007	2054	1719	1601	383	246	788	908	321	C	94

* Not to be used as the primary heat source

† Twin zone models only

Contact us today for more information:

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ULTRASTEEL SLIMLINE

UNVENTED STAINLESS STEEL CYLINDERS

With a nominal diameter of just 478mm the Ultrasteel Slimline is the ideal cylinder for those extra 'tight' installations where space is at a premium and a small footprint is essential.

It features the same high build quality and outstanding reliability that have made the Kingspan Albion famous. Specifically designed to fit in those awkward spaces such as through narrow loft hatches or older properties with small airing cupboards. Ultrasteel Slimline are available in both direct and indirect models in capacities ranging from 90 to 210 litres, providing mains pressure hot water for powerful showers and fast filling baths.

Key Features:

- › Good flow rates for fast filling of baths, ideal for multiple bathrooms
- › Well insulated - economical to run with low heat loss
- › Low reheat times for fast availability of hot water
- › Duplex stainless steel basic vessel with superior corrosion resistance and aesthetically pleasing outer case
- › 25-Year guarantee on inner vessel, 2 years on parts*

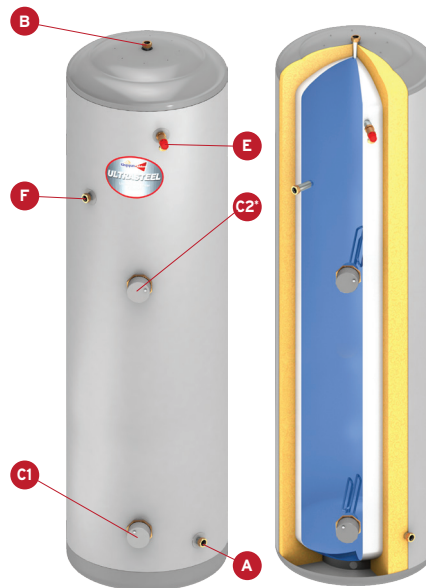
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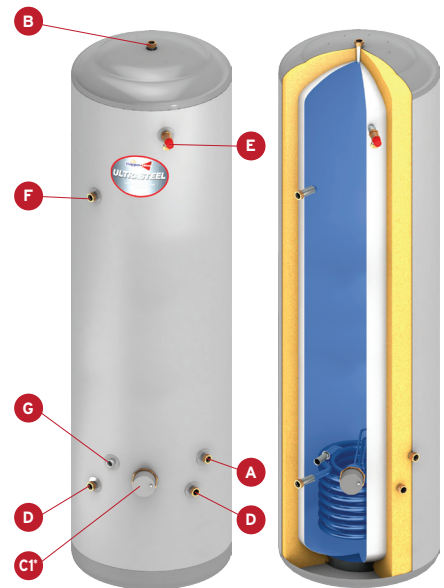
CONNECTIONS:

- A** 22mm Cold feed with deflector in bottom of cylinder
- B** 22mm Hot water outlet
- C1** Immersion heater
- C2** Secondary immersion heater
- D** 22mm Boiler coil connections
- E** 1/2 " Temperature relief valve (valve factory-fitted to all cylinders)
- F** 22mm Secondary return - for cylinders with a capacity of 210 litres
- G** Dry stat pocket - boiler

SLIMLINE DIRECT



SLIMLINE INDIRECT



Capacity (Litres)	DIRECT		INDIRECT		
	Heat-up Time (Minutes)	Immersion Heaters (3kW)	Heat-up Time (Minutes)	Coil Rating (kW)	Immersion Heaters (3kW)
90	80	2	18	16.1	1
120	105	2	25	19.0	1
150	125	2	27	19.5	1
180	140	2	33	20.4	1
210	160	2	37	23.4	1

Cylinder type and Code		Capacity (Litres) Height (mm) Dia. (mm)			Boss centre from floor								ErP					
					A (mm)	B (mm)	C1 (mm)	C2 (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Rating	Standing Loss, (W)	Load Profile	dB	Efficiency	kWh/year
DIRECT	AUD90SLM	90	1048	478	175	1048	210	610*	n/a	858	n/a	n/a	D	n/a	M	15	36	1461
	AUD120SLM	120	1236	478	175	1236	210	710*	n/a	1046	n/a	n/a	D	n/a	M	15	35	1461
	AUD150SLM	150	1424	478	175	1424	210	810*	n/a	1234	n/a	n/a	E	n/a	M	15	34	1502
	AUD180SLM	180	1647	478	175	1647	210	910*	n/a	1484	n/a	n/a	D	n/a	L	15	34	2791
	AUD210SLM	210	1987	478	175	1987	210	1110*	n/a	1797	1500	n/a	D	n/a	L	15	36	2837
INDIRECT	AUI90SLM	90	1048	478	440	1048	380*	n/a	340	858	n/a	395	B	44	n/a	n/a	n/a	n/a
	AUI120SLM	120	1236	478	440	1236	380*	n/a	340	1046	n/a	395	B	47	n/a	n/a	n/a	n/a
	AUI150SLM	150	1424	478	520	1424	420*	n/a	380	1234	n/a	520	B	54	n/a	n/a	n/a	n/a
	AUI180SLM	180	1647	478	520	1647	420*	n/a	380	1484	n/a	610	B	57	n/a	n/a	n/a	n/a
	AUI210SLM	210	1987	478	520	1987	420*	n/a	380	1797	1500	710	C	68	n/a	n/a	n/a	n/a

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ULTRA STEEL HORIZONTAL

UNVENTED STAINLESS STEEL CYLINDERS

Key Features:

- › Good flow rates for fast filling of baths, ideal for multiple bathrooms
- › Well insulated - economical to run with low heat loss
- › Low reheat times for fast availability of hot water
- › Duplex stainless steel basic vessel with superior corrosion resistance and aesthetically pleasing outer case
- › 25-Year guarantee on inner vessel, 2 years on parts*

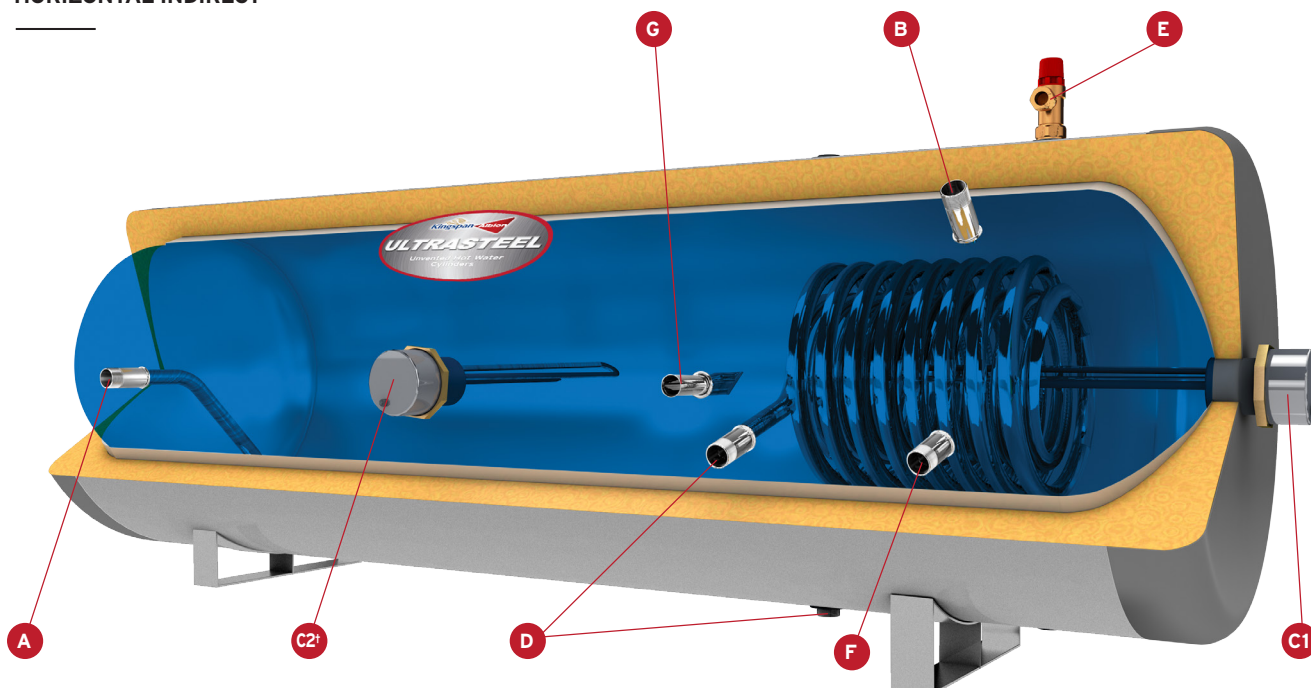
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Horizontal cylinders have been developed as a practical solution for locations where height restrictions apply, such as lofts; they enable installers to fit unvented cylinders in properties where otherwise it would not physically be possible.

With indirect models available in capacities from 180 to 300 litres, their manufactured to the same high build quality that have made the Kingspan Albion range famous.

HORIZONTAL INDIRECT



CONNECTIONS:

- A** 22mm Cold feed with deflector in bottom of cylinder
- B** 22mm Hot water outlet
- C1** Immersion heater*
- C2** Secondary immersion heater* - 250 & 300 litre cylinders only
- D** 22mm Boiler coil connections
- E** 1/2" Temperature relief valve connection (valve factory-fitted to all cylinders)
- F** 22mm Secondary return - for cylinders with a capacity of 210 litres and above only
- G** Dry stat pocket - boiler

Cylinder type and Code		Capacity (Litres)	Length (mm)	Height with cradles (mm)	Dia. (mm)	Boss centre from right hand of cylinder							Immersion Heaters Fitted (3kW)	ErP	
						A (mm)	B (mm)	C2† (mm)	D (mm)	E (mm)	F (mm)	G (mm)		Rating	Standing Loss, (W)
INDIRECT	AUIH180	180	1261	741	550	1024	208	798†	483	483	248	483	1†	D	41
	AUIH210	210	1449	741	550	1212	208	898†	483	483	248	483	1†	D	44
	AUIH250	250	1699	741	550	1462	208	898	483	483	248	483	2	D	47
	AUIH300	300	2012	741	550	1775	208	898	483	483	248	483	2	D	68

† Note: 180L & 210L Cylinders only fitted with 1 1/4" BSP boss; an optional additional immersion heater sold separately. Immersion heater code: IMHTRSS

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ULTRA STEEL

400 LITRE

UNVENTED STAINLESS STEEL CYLINDERS

The Ultrasteel size range has now been extended up to 400 litres - still with the same high build quality and outstanding reliability that have become the hallmark of the Kingspan Albion brand.

Available as either indirect or solar indirect, these cylinders are capable of meeting high demand applications, requiring large volumes of hot water. The cylinders can be fitted in parallel to provide even more hot water, making them the ideal choice for light commercial applications such as care homes, guest houses and public showers.

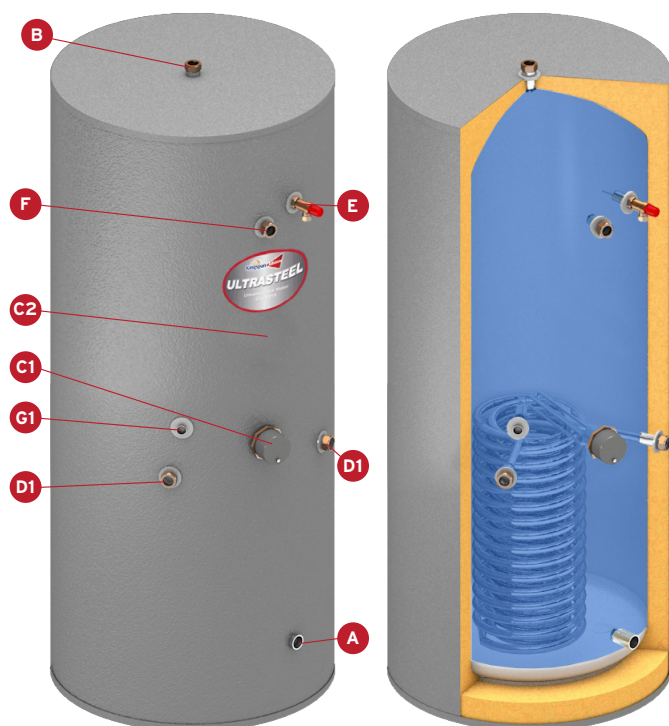
Key Features:

- High flow rates for fast filling of baths, ideal for multiple bathrooms
- Mains pressure hot water (regulated up to 3 bar) for powerful showers
- Well insulated - economical to run with low heat loss
- Low reheat times for fast availability of hot water
- Duplex stainless steel basic vessel with superior corrosion resistance and aesthetically pleasing outer case
- 25-Year guarantee on inner vessel, 2 years on parts*

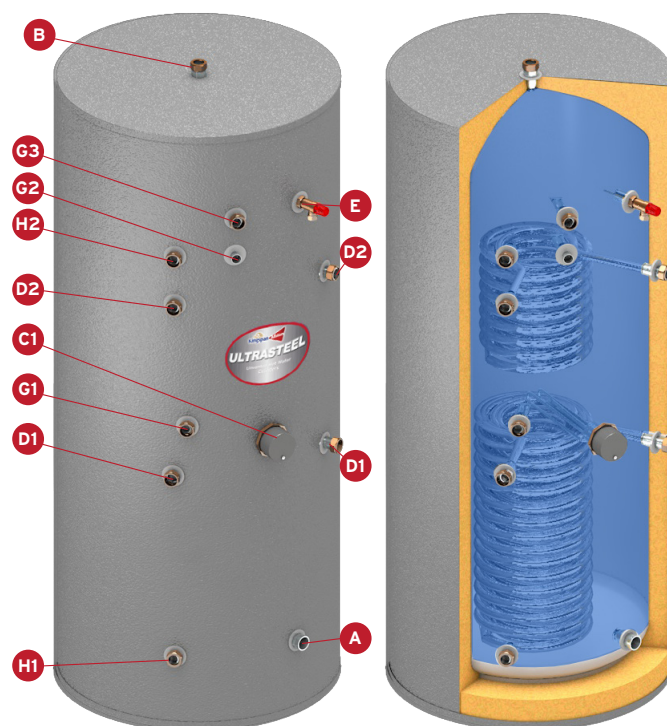
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INDIRECT



INDIRECT SOLAR



CONNECTIONS:

- A** 28mm Cold feed with deflector in bottom of cylinder
- B** 28mm Hot water draw-off

- C1** Immersion heater*
- D1** 22mm Boiler coil connections
- D2** 22mm Solar coil connections

- E** 1/2" Temperature relief valve (valve factory-fitted to all cylinders)
- F** 22mm Secondary return

- G1** Dry stat pocket - boiler
- G2** Dry stat pocket - solar
- G3** Dry stat pocket - high limit
- H1, H2** Destratification

Cylinder type and Code		Capacity (Litres)	Height (mm)	Dia. (mm)	Boss centre from floor												ErP	
					A (mm)	B (mm)	C1* (mm)	D1 (mm)	D2 (mm)	E (mm)	F (mm)	G1 (mm)	G2 (mm)	G3 (mm)	H1 (mm)	H2 (mm)	Rating	Standing Loss, (W)
INDIRECT	AUI400	400	1615	700	197	1615	767	692	n/a	1387	1347	826	n/a	n/a	n/a	n/a	E	142
	AUSI400	400	1615	700	197	1615	767	692	1156	1387	1347	826	1287	1387	197	1287	E	142

* Not to be used as the primary heat source

INDIRECT			
Capacity (Litres)	Heat-up Time (Minutes)	Coil Rating (kW)	Immersion Heaters (3kW)
400	43	29	1

SOLAR INDIRECT					
Capacity (Litres)	Dedicated Solar Volume (L)	Fossil Fuel Volume (L)	Immersion Heaters (3kW)	Surface Area Solar Coil (m²)	Fluid Content Solar Coil (L)
400	215	185	1	1.72	9.3

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