

## ALBION COMPACT SS

# TWIN & TRIPLE COIL HOT WATER CYLINDERS



## ALBION COMPACT SS: TWIN & TRIPLE COIL

Hot water storage cylinders manufactured from high quality stainless steel. The cylinders have been specifically designed for the Republic of Ireland and are available with 2 or 3 coils which can be connected to solar and traditional boiler.

- › Available in sizes from 300 to 500 litres
- › Shorter height for easier installation
- › Available with 1 (twin) or 2 (triple) primary heat exchangers in addition to the solar heat exchanger
- › All twin coil models and 300 litre triple coil cylinder are encased with enamelled galvanised steel outer casing
- › 400 & 500 litre triple coil models are spray foamed and feature one 22mm coil and one 28mm coil both suitable for gravity or pumped flow (in addition to 22mm solar coil)
- › Low Maintenance
- › All cylinders supplied with 2 x 3kW immersion heaters
- › 10-year guarantee on inner vessel (Terms & Conditions apply)
- › 50mm insulation: HCFC and CFC-free polyurethane foam for low standing heat loss
- › Can be installed for unvented use with the addition of an unvented kit. Unvented cylinders must not be connected to unregulated heat sources



High flow rate inlet control set



Temperature and pressure relief valve



Acetal tundish



Single high limit thermostat



Two port valve



Dual thermostat



Expansion Vessel

	TWIN COIL PRODUCT CODE			TRIPLE COIL PRODUCT CODE		
	ROI2C300	ROI2C400	ROI2C500	ROI3C300	ROI3C400F	ROI3C500F
HEIGHT (mm)	1550	1665	1960	1550	1665	1960
DIAMETER (mm)	625	695	695	625	695	695
CAPACITY (ltrs)	300	400	500	300	400	500
SOLAR COIL RATING (kW)	21	22.1	23.2	21	22.1	23.2
1 <sup>ST</sup> UPPER COIL RATING	13.5	14.6	15.7	13.5	14.6	15.7
2 <sup>ND</sup> UPPER COIL RATING	N/A	N/A	N/A	13.5	14.6	15.7
STANDING HEAT LOSS (kWh/24h)	2.84	3.41	3.92	2.86	3.41	3.92
UNVENTED KIT PRODUCT CODE	KIT24ROI	KIT35ROI	KIT35ROI	KIT24ROI	KIT35ROI	KIT35ROI

### SPECIFICATION SUMMARY

#### MATERIALS

Inner shell - Stainless Steel  
Primary Coils (encased models) - 22mm Diameter Stainless Steel  
Primary Coils (foamed models) - 22mm Diameter Stainless Steel and 28mm Diameter Stainless Steel  
Solar Coil - 22mm Diameter Stainless Steel  
Bosses - Stainless Steel  
Every ALBION COMPACT SS cylinder is water tested to a pressure of 15 bar.

#### INSULATION

Polyurethane foam, nominal thickness 50mm.  
The foam is CFC-Free and HCFC-Free.  
The foam has an Ozone Depletion Potential of Zero and a Global Warming Potential of 3.1

#### CONTROL SETTINGS (UNVENTED)

Pressure Reducing Valve - 3 Bar  
Expansion Relief Valve - 6 Bar  
Pressure and Temperature Relief Valve - 7 Bar/90°C  
High Limit Thermostat in Dual Thermostat - 85°C  
High Limit Thermostat in Immersion Heater - 85°C

#### IMMERSION HEATER

1½" BSP Parallel Threaded Head  
Long Life Incoloy Sheathed Low Noise Element 14" Long  
Long Life Incoloy Sheathed Thermostat Pocket 11" Long  
Brazed Construction  
Combined Thermostat and Safety Cutout  
Element Rating 3kW at 240V A/C

#### APPROVALS

CE Compliant and fitted with a BEAB Approved Immersion Heater

Call us today for pricing and sales information.

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