

Looking for a cylinder that lasts?

Choose a new Stainless vented cylinder from **Kingspan Albion**, the only stainless vented cylinder with a **12-year guarantee***.

The new range of Albion stainless vented cylinders is manufactured from superior materials, 1mm duplex stainless steel and a combination of advanced production methods, including our pioneering gas purged welding technique, developed in conjunction with the University of Sheffield, to ensure our cylinders provide the maximum resistance to corrosion.

For further protection from corrosion the surface of every cylinder is cleansed of impurities using our advanced pickling process to eliminate potential sources of corrosion.

- Rigid 28mm coil design for maximum durability, suitable for gravity & pumped systems
- Available as a direct, indirect and twin coil cylinder in the five most popular sizes
- Suitable for up to 40PSI
- Lower heat loss due to the reduced thermal conductivity of steel
- Environmentally-friendly foam lagging



An Irish company since 1965

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Kingspan Albion Stainless Vented Cylinder Guide

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Direct

These hot water storage tanks are designed for use in open vented hot water systems. With four 1" BSP female connections, one each for cold feed /hot water draw-off and the other two provide the option of linking to a back boiler. The units are also fitted with a 2 1/4" boss for an electric immersion heater to be fitted as an alternative heat source.



Code	Height (inch)	Dia (inch)	Cap. (L)	A (mm)	ErP Rating	Standing Loss (W)
KSVD900400ERP	36	16	100	500	C	57
KSVD1050400ERP	42	16	120	500	C	59
KSVD900450ERP	36	18	135	405	C	54
KSVD1050450ERP	42	18	160	405	C	64
KSVD1200450ERP	48	18	180	405	C	68

Code	Max operating pressure (PSI)	Weight Empty (kg)	Insulation Thickness (mm)
KSVD900400ERP	40	12	35
KSVD1050400ERP	40	14	35
KSVD900450ERP	40	14	35
KSVD1050450ERP	40	16	35
KSVD1200450ERP	40	18	35

Indirect

These indirect vented cylinders are fitted with a rigid 28mm coil with 1" male BSP connections, making them suitable for both gravity and pumped systems. With 1" BSP female connections for cold feed /hot water draw-off. Units are also fitted with a 2 1/4" boss for an electric immersion heater to be fitted as a back up heat source.



Code	Height (inch)	Dia (inch)	Cap. (L)	A (mm)	ErP Rating	Standing Loss (W)
KSVN900400ERP	36	16	100	500	C	57
KSVN1050400ERP	42	16	120	500	C	59
KSVN900450ERP	36	18	135	405	C	54
KSVN1050450ERP	42	18	160	405	C	64
KSVN1200450ERP	48	18	180	405	C	68

Code	Max operating pressure (PSI)	Weight Empty (kg)	Heat up Time (Minutes)	Insulation Thickness (mm)	Coil Rating (kW)	Coil Surface Area (m ²)
KSVN900400ERP	40	15	22	35	14.0	0.45
KSVN1050400ERP	40	17	26	35	14.5	0.45
KSVN900450ERP	40	17	25	35	14.7	0.51
KSVN1050450ERP	40	19	28	35	14.7	0.51
KSVN1200450ERP	40	20	32	35	14.7	0.51

Twin Coil

These vented cylinders are fitted with two rigid 28mm coils with 1" male BSP connections, enabling the cylinder to be connected to two heat sources. Both coils are suitable for use on a gravity or pumped systems. With 1" BSP female connections for cold feed /hot water draw-off. Units are also fitted with a 2 1/4" boss for an electric immersion heater to be fitted as a back up heat source.



Code	Height (inch)	Dia (inch)	Cap. (L)	A (mm)	ErP Rating	Standing Loss (W)
KSVN900400TCERP	36	16	100	500	C	57
KSVN1050400TCERP	42	16	120	500	C	59
KSVN900450TCERP	36	18	135	405	C	54
KSVN1050450TCERP	42	18	160	405	C	64
KSVN1200450TCERP	48	18	180	405	C	68

Code	Max operating pressure (PSI)	Weight Empty (kg)	Heat up Time† (Minutes)	Insulation Thickness (mm)	Each Coil Rating (kW)	Surface Area Each Coil (m ²)
KSVN900400TCERP	40	18	22	35	14.0	0.45
KSVN1050400TCERP	40	20	26	35	14.5	0.45
KSVN900450TCERP	40	20	25	35	14.7	0.51
KSVN1050450TCERP	40	22	28	35	14.7	0.51
KSVN1200450TCERP	40	24	32	35	14.7	0.51

† Based on one coil