

## Hot Water Cylinders

Your hot water cylinder is a storage tank used to contain the domestic hot water for your property. There are two different types of cylinder you can choose from for use with your system:

### Unvented Cylinder



- Water supply comes from the mains water rather than a tank in the loft, therefore removing the need for a cold water feed tank giving back space in your loft.
- It makes your system pressurised rather than gravity fed giving higher water pressure at the taps.
- As they are not gravity fed they can be installed anywhere in the property, however, they are larger than a standard vented cylinder due to the need for them to have an expansion vessel.
- They can be easily fitted as pipework requirements are the same as a vented cylinder, however some older pipework may struggle to cope with the higher pressure.
- Unvented cylinders are more costly to install however, they have reduced system noise, no risk of the water supply tank freezing, high efficiency and a 25 year guarantee.

### Vented Cylinder

- These are also known as gravity fed cylinders as they are supplied by a large cold water storage tank in your loft; gravity then pulls this water via a vent pipe down to the cylinder.
- As they are not supplied by mains water, the water pressure within your home depends on the height of the cold water storage tank so can be weaker. However, you can add an additional pump to boost water flow.
- Although you will need loft space for the cold water tank, a vented cylinder's size will be smaller than an unvented with the same water capacity.
- Vented cylinders are often cheaper to install and should work with any existing pipework, with a guarantee of 20 years and life expectancy of around 60 years.

