

Hot Water Systems

There are several options for providing hot water in your home. The three most common are listed below:

Traditional Copper Cylinder

Most homes have a copper cylinder, typically in an airing cupboard which stores 120 or so litres of hot water. The water inside the cylinder is heated by hot water from your boiler passing through a coil inside the cylinder. A separate electric immersion heater provides a back-up source of heating. The water is stored at low pressure and it is usual to add a pump to increase the flow rate to a bath or shower.



Unvented Hot Water – e.g. MegaFlo

Where demand for hot water is higher, for example more than one person wants to take a shower at the same time, an unvented system such as a MegaFlo can be installed. This provides you with double the quantity of hot water at mains pressure and with a faster recovery time than a conventional cylinder.

A MegaFlow system can be installed almost anywhere in your home, including the loft or garage and can be combined with other heat sources, such as solar.

There are some water pressure and flow rate pre-requisites to having an unvented system. Anyone installing an unvented hot water system must be fully qualified and authorised to do so.



Combination (or Combi) Boiler

If you want unlimited hot water on-demand and do not want to take up space storing it, then a Combination Boiler may be right for you. These are good for smaller homes with a single bathroom, where people will not be competing with each other for hot water.



For more information, free advice and a quotation, please call or email us.