

DOMESTIC & COMMERCIAL HOT WATER STORAGE SOLUTIONS



McDonald
Water Storage

Hot Water Storage Solutions

DOMESTIC & COMMERCIAL HOT WATER STORAGE SOLUTIONS

McDonald Water Storage are one of the UK's leading manufacturers of copper hot water storage solutions, having produced superior quality systems for over 75 years.

Our commitment to providing a quality service is reflected in every aspect of our offering, from the premium grade copper material used to our manufacturing systems and processes.

Our technical sales team have extensive knowledge to help advise on the correct system and specification whatever your project, domestic or commercial, and the energy sources you plan to use.

As bespoke cylinder specialists, we can customise the size, shape and connection layout to suit a specific installation requirement, simplifying installation and minimise pipework changes.

To find out more visit www.mcdonaldwaterstorage.com or call us now on **01592 611123**.

WHY CHOOSE MCDONALD WATER STORAGE?

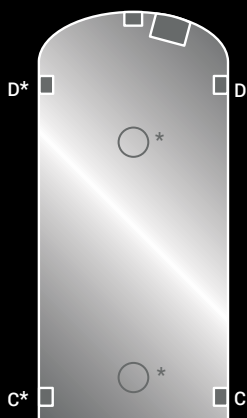
- Unlimited options, sizes and capacities with full bespoke specification available
- Cost effective hot water storage solutions
- Experienced, immediate, helpful technical advice
- Quickest industry lead times
- Superior quality products
- After sales back-up

WHY CHOOSE COPPER?

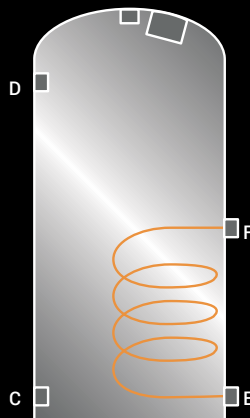
- Tried & Tested
- Improved Efficiency
- Corrosion Resistant & Long Lasting
- Helps kill legionella
- Sustainable & Recyclable

VENTED CYLINDERS

We hold a wide range of vented cylinders in stock ready for immediate dispatch. We can also manufacture fully customised cylinders from as little as 200mm diameter and in Grades 1-3 to suit your requirements.



DIRECT CYLINDERS
BS 1566:1:2002
C = Cold Feed
D = Secondary Returns or Back Boiler Connection
* Optional



INDIRECT CYLINDERS
BS 1566:1:2002
C = Cold Feed
D = Secondary Return or Back Boiler Connection
E = Coil Return
F = Coil Flow



MULTIflow THERMAL STORE



Our MULTIflow thermal store range is specifically designed for the contract market, to provide a mains pressure hot water solution which delivers enormous benefits.

Our thermal store approach can suit multiple installation applications, including electric, boiler or central plant inputs to meet hot water demand.

Available in 4 model sizes, from 120 litres to 210 litres.

POWERflow COPPER UNVENTED



One of the UK's first Unvented cylinder manufacturers, starting in the early 90's. The POWERflow range provides fabulous performance and reliability, built to deliver superior mains pressure simultaneously for showers, sinks and wash hand basins.

Available in standard patterns from 75 to 300 litres. In addition, the range also incorporates slimline and horizontal units, with full bespoke specification to meet customers individual requirements.

For full details and sizing information visit www.mcdonaldwaterstorage.com

THERMflow THERMAL STORE



Our THERMflow thermal store, works at the heart of your heating and hot water system to provide a high performance, mains pressure solution.

The thermal store can incorporate multiple energy sources to heat the home, as well as meet hot water demand, to achieve improved efficiencies and cost savings. With our unique design and manufacturing solution, we can offer significant cost savings to homeowners.

CUBEflow THERMAL STORE



The CUBEflow range of copper hot water tanks provide the perfect space saving solution, with the thermal store unit delivering mains pressure hot water.

- Available from 100-300 litres - other sizes available on request
- Design saves up to 27% less space than an equivalent capacity cylinder
- Fully bespoke units available
- Models for central plant applications

ELECTRAflow THERMAL STORE



The ELECTRAflow is an integrated heating and hot water thermal store. The unit provides primary hot water to heat "wet" radiators in addition to domestic hot water.

The design enables householders to utilise off-peak electricity or variable tariffs, and renewable energy, to provide a cost effective heating and hot water solution.

The ELECTRAflow is powered by long life immersion elements and controlled by a purpose made easy to use controller.

ECOflow COPPER UNVENTED FOR HEAT PUMP



Designed to maximise the performance of Heat Pumps, the ECOflow copper hot water cylinder incorporates our high performance heat pump finned copper coil. Tank On Tank unit also available, with an integral buffer tank below the hot water cylinder.

- Integral Buffer Tank on Tank Units
- Wide range of sizes and capacities
- Horizontal Units available

CENTRALflow HIU WITH HOT WATER STORAGE



The CENTRALflow system provides a unique and energy efficient heating and stored hot water solution for apartment blocks, or properties where the heat comes from a centralised heat source.

- Mains Pressure Hot Water System
- No Gas Pipework or Carbon Monoxide Risk
- No G3 Installation Requirement
- Immersion Heater Back-up
- Reduced Central Boiler & Pipe-work Size
- Heat Metering & Pay As You Go Options

ELSON REPLACEMENT HOT WATER TANKS



We are able to manufacture and supply the exact like for like replacements for all original Elson rectangular hot water tanks.

Why go for a standard hot water cylinder and add installation complexity when looking for a replacement Elson product.

The Elson models we are able to offer as direct replacements include Coral E, Coral Si, Pearl, Amethyst, Ruby, Emerald, Sapphire, Diamond, Opal and many more.

CALORIFIERS COMMERCIAL HOT WATER STORAGE



Our fully customised calorifiers are manufactured to any size and specification from premium grade copper or stainless steel to BS 853.

For full sizing information and options check out our web site.

PLATEflow SEMI INSTANTANEOUS HOT WATER



The perfect solution for projects where demand can vary greatly over the course of a day, e.g. hotels, hospitals, factories.

The system combines a buffer vessel with a high performance Plate Heat Exchanger.

COMBINATION CYLINDERS



Compact & Convenient, available in direct pattern, double feed indirect and "PRIMATIC" single feed indirect. An integral primary feed and expansion tank may be fitted to the indirect if required. Manufactured to BS 3198.

FEED & EXPANSION TANKS



Our Copper High Temperature Feed and Expansion Tanks are designed to cope with potentially high temperatures. These can reach as high as 100°C when used with open vented systems incorporating additional fuel sources, such as wood burning stoves, biomass etc.

BACK BOILERS



Available in Copper in most sizes as block or arch-flue. When ordering or enquiring please quote sizes as: Length x Breadth x Height, and specify quantity and location of the tappings.

BUFFER VESSELS



McDonald Water Storage offer a wide range of buffer tanks and accumulator tanks to provide additional storage for secondary or primary water.

Available in copper, stainless steel or mild steel up to 100,000 litres.

LOW LOSS HEADERS



Separating the primary and secondary circuits, our low loss headers are manufactured from premium grade copper and made to your specifications. Mild steel also available.

PRIMATICS



No primary feed and expansion tank required. Single feed indirect copper cylinders, available in Grades 2 and 3, and Combination. Manufactured in various sizes. Suitable for a primary heating capacity of up to 110 litres.

TWIN CYLINDERS



Specifically designed for narrow spaces. Available in Grades 1 and 2 in direct pattern, double feed indirect and PRIMATIC single feed indirect.

PLUMBING UNIT TIMESaver



This compact system incorporates a pre-plumbed storage tank and copper hot water cylinder. It is the ideal solution for flats and is simple to install. Available with the option of a twin pump to give hot and cold water at "mains pressure".



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WRAS
APPROVED
PRODUCT

SOLAR
TRADE
ASSOCIATION

hot water
association
CHARTER MEMBER