DOMESTIC & COMMERCIAL HOT WATER STORAGE SOLUTIONS

McDonald Water Storage are one of the UK’s most experienced manufacturers of Copper hot water storage solutions, having produced superior quality systems for over 70 years.

We are 100% focused on making the process of specifying or replacing your hot water storage solution as simple as possible.

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

As specialists in like for like replacements, we can also customise the size, shape and connection layout, to make the switch simple 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, shapes, sizes and capacities
- 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.

COPPER UNVENTED POWERflow
One of the UK’s first “Unvented” manufacturers, starting in the early 90’s. The pinnacle of unvented cylinders with fabulous performance and reliability. Built to deliver superior mains pressure simultaneously for showers, sinks and wash hand basins.

25 YEAR WARRANTY

OUR STOCK UNITS
Capacity | Sizes
---------|---------
75 litres | 950 x 450 mm
120 litres | 950 x 550 mm
150 litres | 1150 x 550 mm
180 litres | 1350 x 550 mm
210 litres | 1550 x 550 mm
250 litres | 1550 x 600 mm
300 litres | 1850 x 600 mm

Size Includes Insulation
Slimline, Horizontal and Special Units available.

Copper Unvented For Heat Pump ECOflow
Designed to maximise the performance of Heat Pumps, the ECOflow copper hot water cylinder, comes pre-fitted with our high performance heat pump finned copper coil. We also manufacture our Tank On Tank unit, with an integral buffer tank below the hot water cylinder.

12 YEAR WARRANTY

For full details and sizing information visit www.mcdonaldwaterstorage.com
One of the most flexible thermal stores on the market today. Providing instant, mains pressure hot water but with a vented store. Ideally suited to work with multiple fuel sources including solid fuel.

The CUBEflow range of copper hot water tanks are available as either a traditional Combination tank, providing gravity hot water, or as a Thermal Store unit, delivering mains pressure hot water.

A combined electric boiler and storage cylinder, providing a wet central heating solution. This can be combined with solid fuel and solar. Available in Vented, Unvented and Thermal Store models.

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 source such as a biomass or CHP Plant.

Our range of slimline cylinders are available from only 300mm diameter and fully customisable in terms of connections, connection layouts, coils and insulation.

**OUR STOCK UNITS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Combination Unit</th>
<th>Cylinder Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>1130 x 570 mm</td>
<td>960 x 570 mm</td>
</tr>
<tr>
<td>140</td>
<td>1250 x 570 mm</td>
<td>1120 x 570 mm</td>
</tr>
<tr>
<td>180</td>
<td>1500 x 570 mm</td>
<td>1360 x 570 mm</td>
</tr>
<tr>
<td>210</td>
<td>1700 x 570 mm</td>
<td>1560 x 570 mm</td>
</tr>
<tr>
<td>250</td>
<td>1700 x 640 mm</td>
<td>1870 x 590 mm</td>
</tr>
<tr>
<td>300</td>
<td>2050 x 640 mm</td>
<td>1870 x 640 mm</td>
</tr>
</tbody>
</table>

Size Includes Insulation
Other sizes, types and options available.

**SOLAR/HEAT PUMP CYLINDERS**

Cylinders for renewables. A wide range of our products can be adapted for solar or heat pump input. SOLARsave pre-plumbed units also available.

**SLIMLINE CYLINDERS**

- High Efficiency Copper Coils
- Copper best at using low grade heat
- Units built to your specification

**HEAT INTERFACE UNIT WITH HOT WATER STORAGE**

- Mains Pressure Hot Water System
- No Gas Pipe-work or Carbon Monoxide Issues
- No G3 Certification Required For Installation
- Simplified Installation & Reduced Maintenance
- Immersion Heater Back-up for Summer Use
- Reduced Central Boiler & Pipe-work Size
- Heat Metering & Pay As You Go Options

Available in the following solutions:
- Vented
- Unvented
- Thermal Stores
- Electric Wet Cylinder
- Heat Pump Cylinders
- White Case Finish Available
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 or mild steel from 10 litres up to 100,000 litres.

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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 premium grade copper buffer vessel with a high performance Plate Heat Exchanger.

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

Fully customised calorifiers manufactured to any size and specification from premium grade copper to BS 853.

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

Compact & Convenient, available in direct pattern, double feed indirect and “MACMATIC” single feed indirect. An integral primary feed and expansion tank may be fitted to the indirect if required.

MANUFACTURED TO BS 3198.

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.

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.

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.

Built for narrow spaces
Available in Grades 1 and 2 in direct pattern, double feed indirect and MACMATIC single feed indirect.

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”.

Fully customised calorifiers manufactured to any size and specification from premium grade copper to BS 853.

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

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