

SOLAR CYLINDERS

HEAT PUMP
UNITS AVAILABLE



MAXIMISING THE USE OF SUSTAINABLE ENERGY



McDONALD ENGINEERS
HOT WATER SYSTEMS

SOLAR CYLINDERS

McDonald Engineers have manufactured SOLAR CYLINDERS for over 25 years and have gained wide knowledge and experience in this field.

Our SOLAR CYLINDERS have a high efficiency COPPER Solar Coil, fitted in the base of the cylinder. Water heated by the sun in the Solar Panels, is pumped through this copper coil, indirectly transferring heat into the domestic hot water. The benefits are tangible! Hot water supplied by a sustainable natural resource. Water temperature can be topped up if required by the normal method of Boiler or Immersion Heater. Copper is seven times better a conductor than stainless steel. Our high efficiency Copper Coils, provide the most efficient and best way to maximise the benefits from solar power.

Why McDonald Engineers SOLAR CYLINDERS

- The very best quality.
- Highly efficient Copper Solar Coil.
- Rapid delivery.
- Manufactured by the UK's most experienced cylinder manufacturer.
- Units can be individually made to suit your exact requirements.
- Compliant for grants.

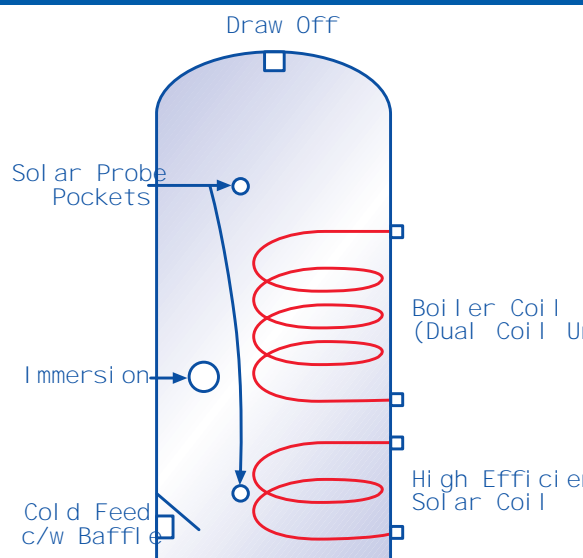
The Advantages of Copper

- Tried and tested material.
- The best material for conducting heat.
- Long lasting, healthy and safe.
- Sustainable - 100% recyclable, which benefits the environment.

STANDARD SPECIFICATIONS

- HIGH EFFICIENCY SOLAR COIL TO SUIT PANELS.
- SOLAR PROBE POCKETS.
- BOILER COIL OR IMMERSIONS AS REQUIRED.
- GRADE 2 COPPER.
- ZERO ODP FOAM INSULATION.
- COLD FEED BAFFLE.

STANDARD CONFIGURATION



DOMESTIC SIZING GUIDE

Capacity	No. of People	Panel Area	Shell Dimensions
150 Litre	1 - 2	2 – 2.5m ²	1125 x 450mm
165 Litre	2 - 3	2.5 – 3m ²	1200 x 450mm
180 Litre	2 - 4	3 – 4m ²	1300 x 450mm
210 Litre	3 - 5	4+ m ²	1500 x 450mm

These are only our standard sizes. Specials can also be manufactured - smaller, larger, different height, diameter etc. Please contact us with your requirements.

OPTIONS

- **ANY** size available.
- Thermal Stores, Unvented and Calorifiers.
- Units suitable for underfloor heating link.
- Pre-plumbed SOLARSAVE units.
- Compression Connections.
- Horizontal Cylinders.
- White Cased Finish.

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