

Thermal Store Hot Water Solutions

Providing Mains Pressure Hot Water



McDonald
Water Storage
Hot Water Storage Solutions

Domestic Thermal Store Hot Water Storage Solutions

Our thermal store solutions provide a mains pressure hot water solution, with some ranges providing the additional benefits of bespoke design flexibility to suit the installation requirements.

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

With our unique design and manufacturing solution, we can offer significant cost savings both during installation and ongoing running costs.

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Discover The Benefits Of Thermal Store Hot Water Storage Solutions

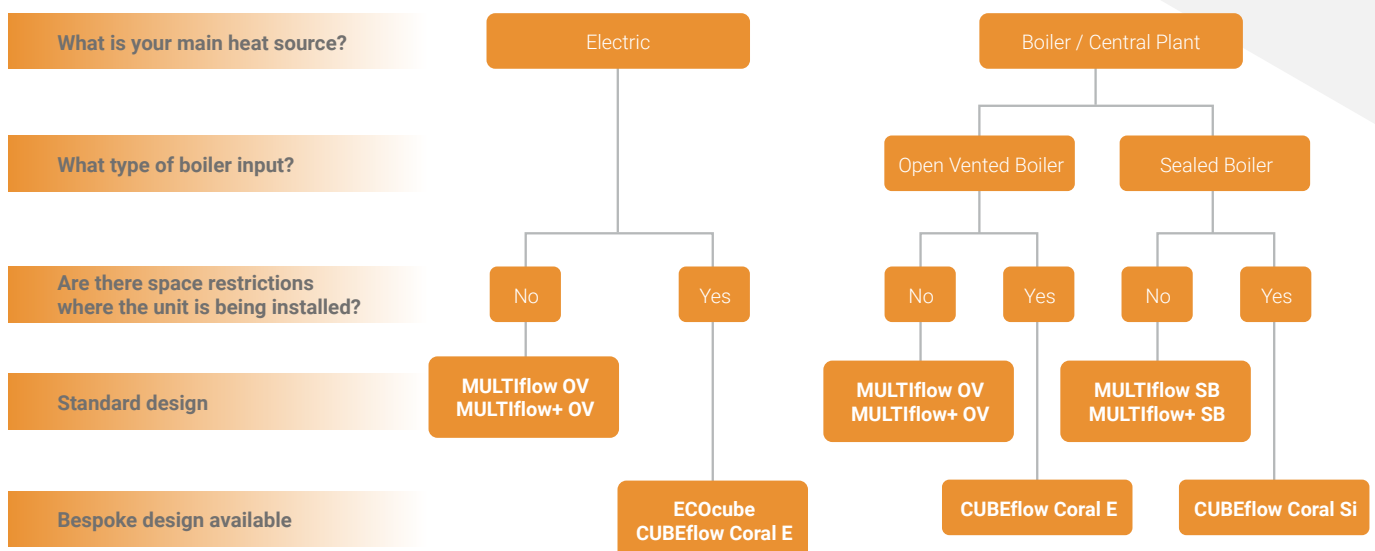
Homeowner / Resident

- Delivers mains pressure hot water, a huge improvement on existing vented and combination cylinders
- Anti-scald protection with the hot water automatically blended to 50-55 degrees at the unit
- No risk of legionella as the domestic hot water is mains cold water instantaneously heated
- Inherent safety of a vented hot water system

Installer / Landlord

- No annual safety check or maintenance as required by unvented cylinders, saving ongoing costs
- No G3 qualification for installation as the thermal store is open vented
- No discharge pipework requirement, making the siting of the thermal store more flexible and reduce installation costs

Models For All Applications





MULTIFLOW

The MULTIflow is a direct thermal store, but with the additional flexibility to incorporate either an open vented boiler with the OV variant or sealed/central plant boiler with the SB variant, to provide mains pressure hot water.

This multi-application thermal store can be used with a boiler and/or off-peak electricity to aggregate the supply to heat the store, and provide domestic hot water when it is required, keeping running costs for the householder down to a minimum.

With the store itself being open vented, it is inherently safe, and therefore does not require any discharge pipework associated with unvented cylinders, which can prove problematic in apartment installations.

The design of the MULTIflow also means there is no requirement for costly pumps or additional electronic controls to produce the hot water, providing a perfect replacement solution to discontinued Gledhill PulsaCoil products.

MODEL RANGE

- Open vented boiler compatible 120L - 210L
- Sealed / central plant boiler compatible 120L - 210L
- 4 model sizes in each range

KEY BENEFITS

- Maximises the benefit of off-peak electricity supply
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Optional automatic fill F&E tank
- 5 Year warranty on cylinder body
- Replacement solution for discontinued Gledhill PulsaCoil products

Click here for full details on the MULTIflow range of thermal stores



MULTIFLOW+

The MULTIflow⁺ is a thermal store, but with the additional flexibility to incorporate either an open vented boiler with the OV variant or sealed/central plant boiler with the SB variant, to provide mains pressure hot water.

This multi-application thermal store, with integrated F&E tank, can be used with a boiler and/or off-peak electricity to aggregate the supply to heat the store, and provide domestic hot water when it is required, keeping running costs for the householder down to a minimum.

The MULTIflow⁺ has a smaller footprint than the standard MULTIflow, therefore meeting smaller space constraints.

With the store itself being open vented, it is inherently safe, and therefore does not require any discharge pipework associated with unvented cylinders, which can prove problematic in apartment installations.

The design of the MULTIflow⁺ also means there is no requirement for costly pumps or additional electronic controls to produce the hot water, providing a perfect replacement solution to discontinued Gledhill PulsaCoil products.

MODEL RANGE

- Open vented boiler compatible 120L - 300L
- Sealed / central plant boiler compatible 120L - 300L
- 6 standard sizes in each range
- 4 slimline sizes in each range 450mm or 500mm diameter

KEY BENEFITS

- Maximises the benefit of off-peak electricity supply
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke tapping positions available
- 5 Year warranty on cylinder body
- Replacement solution for discontinued Gledhill PulsaCoil products

Click here for full details on the MULTIflow⁺ range of thermal stores



ECOCUBE

The ECOcube is an 'A' rated direct thermal store, but built with the future in mind to incorporate other heat sources, to provide mains pressure hot water.

We have specifically designed the ECOcube to suit the tightest available spaces within an apartment, where space is at a premium. Maintaining the smallest footprint possible, measuring just 440mm deep and 390mm wide, it allows for space to be freed up in the cupboard for additional storage.

This thermal store can be used with standard electric tariffs or off-peak electric tariffs to load shift the electricity usage to lower cost periods to heat the store, whilst providing domestic hot water when it is required, keeping running costs for the householder down to a minimum.

We have future proofed the ECOcube to accommodate additional primary heat sources such as boilers and heat pumps.

Being open vented it is inherently safe and therefore does not require any discharge pipework as unvented cylinders, which can prove problematic in apartment installations.

MODEL RANGE

- 80L and 100L models
- Open vented tapplings for boiler or heat pump connection as standard
- Footprint of 440mm deep and 390mm wide

KEY BENEFITS

- Compact & reduced space used
- A rated ERP – reduced running costs
- Mains pressure hot water
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke design flexibility

Click here for full details on the ECOcube range of thermal stores



CUBEFLOW

The CUBEflow is a space saving thermal store, With the rectangular design of the store, it takes up to 27% less space than an equivalent volume cylinder, freeing up space for other uses, essential within apartment applications.

It provides the additional flexibility to operate using electric only or incorporate an open vented boiler with the Coral E variant or using a sealed/central plant boiler with the Si variant, to provide mains pressure hot water.

This multi-application thermal store, with integrated F&E tank, can be used with a boiler and/or off-peak electricity to aggregate the supply to heat the store, and provide domestic hot water when it is required, keeping running costs for the householder down to a minimum. but with the additional flexibility to incorporate an open vented boiler, to provide mains pressure hot water.

The CUBEflow is available in standard sizes or bespoke manufactured to the specific installation requirements, providing the ultimate hot water solution.

MODEL RANGE

- Open vented boiler compatible 100L - 250L
- Sealed / central plant boiler compatible 100L - 250L
- 4 standard sizes in each range

KEY BENEFITS

- Mains pressure hot water
- Compatible with open vented boiler
- Maximises the benefit of off-peak electric
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Incorporated automatic fill F&E tank
- Bespoke design available

Click here for full details on the CUBEflow range of thermal stores

Discover Our Complete Range Of Hot Water Storage Solutions

Thermal Stores

Electric Boiler Solutions

Unvented Cylinders

Elson Replacement Solutions

Open Vented and Combination Cylinders

Commercial Cylinders

Bespoke Design and Manufacture



For full details on a product range
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