

MULTIFLOW

Thermal Store Range

Providing Mains Pressure Hot Water



McDonald
Water Storage
Hot Water Storage Solutions

MULTIFLOW

Thermal Store Range Providing Mains Pressure Hot Water

Our MULTIflow thermal store range is specifically designed for the contract market, to provide a high performance, 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.

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

CONTENTS

MULTIflow OV

Compatible with Open Vented Boiler

MULTIflow SB

Compatible with Sealed Boiler or
Central Plant Boiler



Discover The Benefits Of **MULTI**flow Thermal Stores

- No costly pumps and electronic controls required - providing piping hot water even during a power outage
- Delivers mains pressure hot water with scald protection and inherent safety of an open vented system
- Flexibility with models to incorporate an open vented, sealed or central plant boiler
- No discharge pipework – flexibility for installation position
- Fit and forget solution – with no G3 certification required
- Being copper provides complete peace of mind, killing 99% of bacteria and no risk of Legionella as the hot water is instantaneously heated

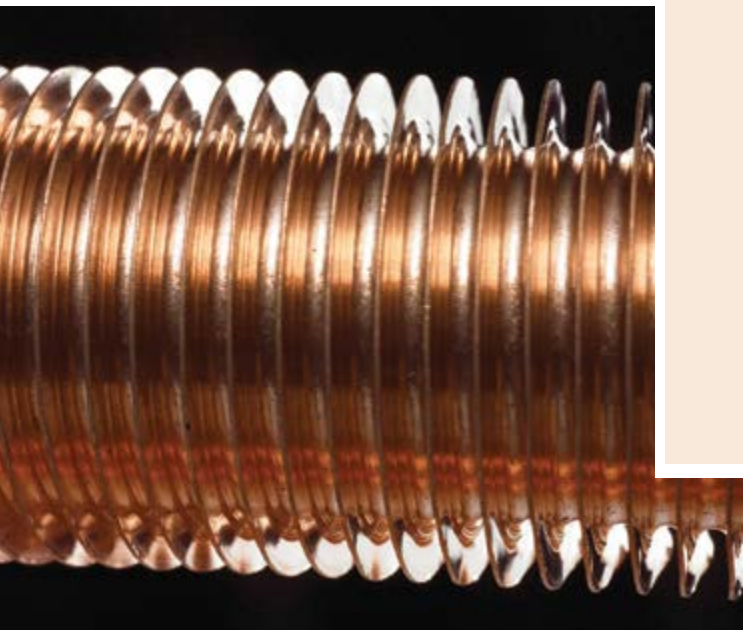


Why MULTIflow?

Manufactured from premium grade copper, our MULTIflow mains pressure hot water system delivers unrivalled performance thanks, in part, to copper's superior thermal transfer properties.

One of our key advantages is the extra long finned copper coil which we incorporate into every MULTIflow cylinder. This ensures greater flow rates, improves efficiency and reduces ongoing costs.

This means our MULTIflow thermal store cylinder is designed to achieve a consistently high water temperature due to a combination of our unique design and copper's increased efficiency.





Open Vented Boiler Compatible

The MULTIflow is a direct thermal store, but with the additional flexibility to incorporate an open vented boiler, to provide mains pressure hot water.

This multi-application thermal store can be used with an open vented 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.

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.



COMPONENTS

1. Manual Feed and Expansion Tank
2. 22mm Hot Draw Out (c/w TMV)
3. Expansion Chamber
4. 22mm Cold Mains In
5. Top (On Peak) 3kW LWD Immersion
6. Bottom (Off Peak) 3kW LWD Immersion
7. Drain
8. 22mm Boiler Flow
9. 22mm Boiler Return
10. Boiler Control Thermostat Pocket
11. Open Vent
12. Cold Feed

KEY BENEFITS

- Compatible with open vented boiler
- 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
- Replacement solution for discontinued Gledhill PulsaCoil products

Model No.	TMF1200V	TMF1500V	TMF1800V	TMF2100V
Storage Capacity	120	150	180	210
ERP Class	C	C	C	C
Standing Heat Loss (watts)	56	68	77	87
Height	1000	1200	1400	1600
Width	560	560	560	560
Depth	605	605	605	605
Bedrooms	1	1-2	2-3	2-3
Baths & Showers	1	1	2	3

If F&E tank sited on top of the unit, add 300mm to height



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10. Boiler Control Thermostat Pocket
11. Open Vent
12. Cold Feed

Sealed/Central Plant Boiler Compatible

The MULTIflow is an indirect thermal store, with the flexibility to incorporate a sealed boiler or central plant boiler, to provide mains pressure hot water.

This multi-application thermal store can be used with a sealed or central plant boiler and/or off-peak electricity to aggregate the supply to heat the store, keeping running costs for the householder down to a minimum.

Being open vented, the store does not require any discharge pipework associated with unvented cylinders, and the design of the MULTIflow also means there is no requirement for costly pumps or additional electronics.

Where utilised in central plant applications, it provides additional benefits including;

- enable central plant to be turned off in summer months
- immersion back up if central boiler fails

KEY BENEFITS

- Compatible with sealed system or central plant boiler
- 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
- Replacement solution for discontinued Gledhill Boilermate BP products

Model No.	TMF120SB	TMF150SB	TMF180SB	TMF210SB
Storage Capacity	120	150	180	210
ERP Class	C	C	C	C
Standing Heat Loss (watts)	56	68	77	87
Height	1000	1200	1400	1600
Width	560	560	560	560
Depth	605	605	605	605
Bedrooms	1	1-2	2-3	2-3
Baths & Showers	1	1	2	3

If F&E tank sited on top of the unit, add 300mm to height

Discover Our Complete Range Of Hot Water Storage Solutions

Open Vented and Combination Cylinders

Thermal Stores

Unvented Cylinders

Elson Replacement Solutions

Commercial Cylinders

Bespoke Design and Manufacture



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Hot Water Storage Solutions

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service, quality
and tradition



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