

MULTIFLOW

incorporating

SlimJim Flow Boiler

Thermal Store Package

Providing Wet Central Heating and
Mains Pressure Hot Water



McDonald Water Storage

Hot Water Storage Solutions

MULTIFLOW

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SlimJim Flow Boiler

Thermal Store Package

Our MULTIflow thermal store range is specifically designed to provide a high performance, mains pressure hot water solution with enormous benefits.

The compact design of the SlimJim Electric Flow Boiler makes it the ideal partner to provide the heating requirements.

This exclusive package solution can suit multiple installation applications to meet both the heating and hot water demand.

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Slim Jim Flow Boiler

MULTIflow OV

MULTIflow+ OV



Why combine technologies?



Combining the MULTIflow thermal store range with the Slim Jim flow boiler provides an ideal heating and hot water solution for electric only properties.

Whilst electric combination boilers are suitable for electric only properties, they are unable to provide the benefits of off-peak electric tariffs such as economy 7.

This exclusive package not only allows for the properties hot water requirement to be load shifted to maximise the off-peak benefits, but also individually size the Slim Jim flow boiler to meet the heating requirements.

The added benefit of this package is that neither product requires annual servicing* or discharge pipework (as with unvented systems), making for a simpler installation and ongoing operation.

* The central heating system will require an annual check

in 3 Your product selection easy steps

Your product package is specifically tailored to suit your individual requirements in 3 easy steps

STEP 1

Select the Slim Jim Flow Boiler to meet your heating requirements. A rough guide is 1kW of input per radiator, but increase for large or double radiators, but recommend heat loss test before placing order.

STEP 2

Select the size and model of MULTIflow thermal store to supply the hot water requirements using the guide on the product pages.

STEP 3

Place your order and have the package delivered either to site or choice of merchant.



SlimJim Electric Flow Boiler

Output range from 4kW to 14.4kW

The Slim Jim is a fully controllable Electric Boiler which is designed to maximise cupboard space.

The single phase Electric Flow Boiler outputs are 4kW, 7kW, 10kW, 12kW with the 14.4kW available for properties that require larger outputs.

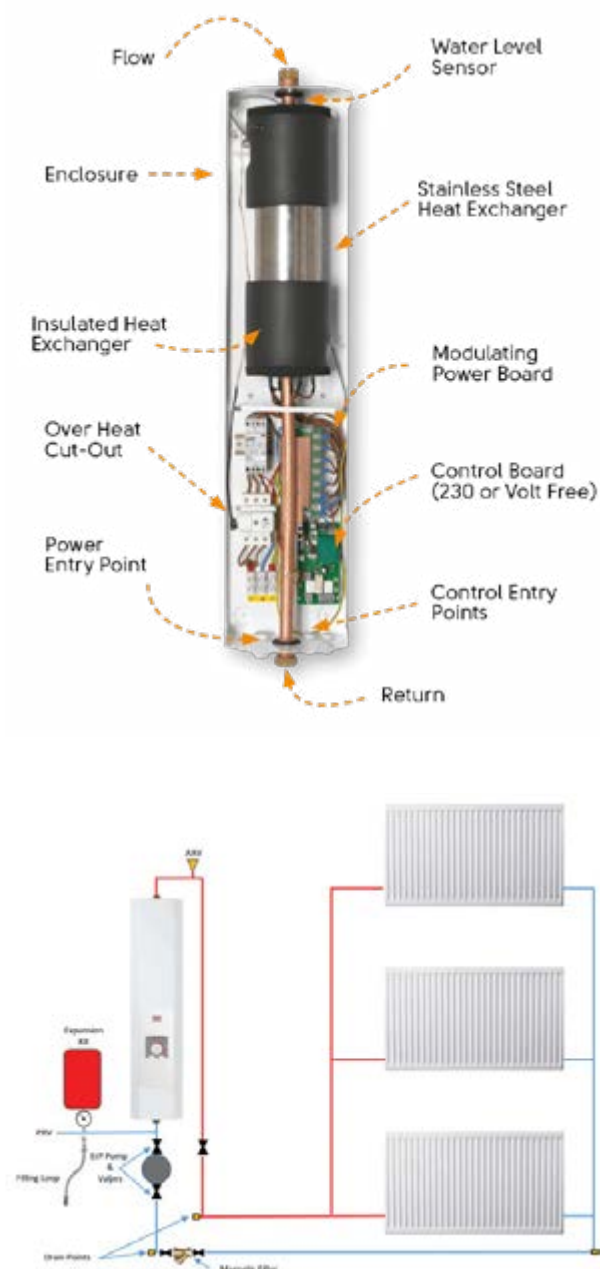
The SlimJim Boiler can be used as a stand alone product to produce the heating. It is 100% efficient, silent in operation and easy to install with an easy-fit front cover for future maintenance purposes.

It has a user-friendly front Control Panel incorporating an easy-to-use temperature control dial, heat and fault diagnostic indicators for the user and installer.

The Boiler temperature range can be set between 30 degrees and 80 degrees, suitable choice for wet central heating radiators and underfloor heating systems.

KEY BENEFITS

- 100% efficient
- Suitable for wet central heating or underfloor heating
- Single phase electric compatibility
- Easy-Fit Connectors & Sensors
- In-Built Fault Finding Diagnostics
- High Temperature Cut-Out
- Water Level Sensor
- Insulated Stainless Steel Heat Exchanger



Components supplied with SlimJim include;

- Single Channel Programmer
- Room Thermostat
- 8 litre Robo Kit
- Auto Air Vent
- Heating System Pump
- Lockshield Valves

Boiler range (kW)	4kW	7kW	10kW	12kW	14.4kW
ERP Class	D	D	D	D	D
Heating Output (Btu)	13648	23884	34121	40945	49134
Min/Max Temperature (°C)	30/80	30/80	30/80	30/80	30/80
Maximum Radiators	3	5	7	8	9
Height	912	912	912	912	912
Width	203	203	203	203	203
Depth	172	172	172	172	172
Weight (kg)	11	11	11	11	11

MULTIfLOW

The MULTIflow is a direct thermal store to provide mains pressure hot water.

This multi-application thermal store can be used with 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.

To future proof the system, we also incorporate secondary heat source tappings into the unit design to allow additional heat sources to be utilised.

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 Secondary Heat Source Flow
9. 22mm Secondary Heat Source Return
10. Secondary Heat Source Control Thermostat Pocket
11. Open Vent
12. Cold Feed

KEY BENEFITS

- Maximises the benefit of off-peak electricity supply
- Secondary heat source connections
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Optional automatic fill F&E tank

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

MULTIFLOW+



COMPONENTS

1. 15mm Ball Valve & Float
2. 22mm Hot Draw Out (c/w TMV)
3. Expansion Chamber
4. 22mm Cold Mains In
5. Top (On Peak) Immersion
6. Bottom (Off Peak) Immersion
7. 1/2" Drain
8. 22mm Secondary Heat Source Flow
9. 22mm Secondary Heat Source Return
10. Secondary Heat Source Control Thermostat Pocket
11. 22mm Overflow
12. 2" Dial Temperature Gauge

The MULTIfLOW+ is a direct thermal store, with the flexibility to be bespoke designed to suit the installation requirements, provides mains pressure hot water.

This multi-application thermal store, with integrated F&E tank, can be used with 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.

To future proof the system, we also incorporate secondary heat source tappings into the unit design to allow additional heat sources to be utilised.

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.

KEY BENEFITS

- Maximises the benefit of off-peak electricity supply
- Secondary heat source connections
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Incorporated automatic fill F&E tank

Model No.	TMFP1200V	TMFP1500V	TMFP1800V	TMFP2100V	TMFP2500V	TMFP3000V
Storage Capacity	120	150	180	210	250	300
ERP Class	C	C	C	C	C	C
Standing Heat Loss (watts)	49	55	59	65	72	80
Height	1130	1300	1500	1700	1700	2050
Diameter	550	550	550	550	600	600
Bedrooms	1	1-2	2-3	2-3	3	3-4
Baths & Showers	1	1	2	2	2	2

Sizes shown above are indicative only, including 50mm insulation and combined F&E tank. Other sizes are available to suit the installation requirements.

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



For full details on a product range
click on the category above or
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