

ELSOFLOW

Elson Replacements

The only direct replacement for
existing Elson tanks



McDonald
Water Storage



Elson Rectangular Tank Replacements With Bespoke Design Flexibility

Elson tanks are installed in thousands of private and social housing properties, providing hot and cold water storage.

Our ELSOflow range was launched in 2011 to provide direct replacements for the discontinued Elson rectangular water heater range.

With the original machinery from the Elson manufacturing facility, it enabled us to become the only UK manufacturer that can offer like for like replacements.



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Discover The Benefits Of *ELSOflow* Hot Water Tanks

When it comes to replacing an Elson water tank, **you don't have to replace with a cylinder!**

Our ELSOflow range provides a direct replacement for existing Elson tanks, either a traditional combination tank (providing gravity hot water) or as a thermal store unit (delivering mains pressure hot water).

Some model ranges are available from stock, however bespoke manufacture is the key advantage of the ELSOflow to meet your specific installation requirements.



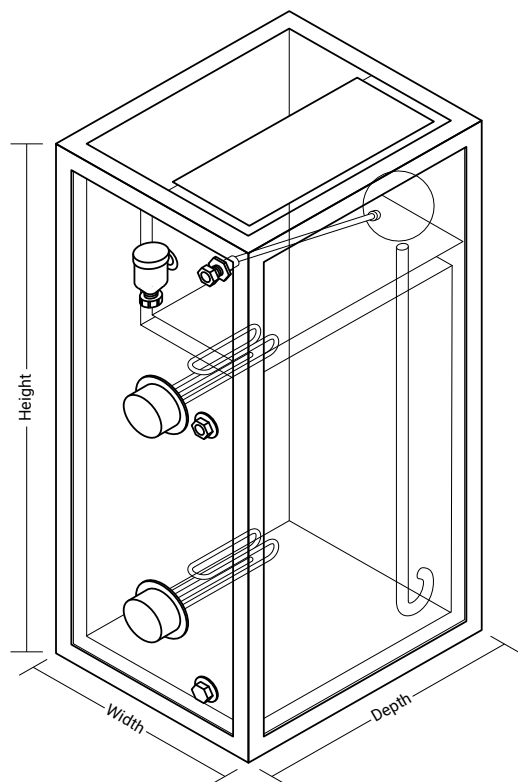
Improving Performance Whilst Matching Existing Units



Manufactured from copper, our ELSOflow hot water system delivers unrivalled performance, maintaining the original system design with a modern approach.

This means increased insulation thickness providing greater levels of heat retention. The modern coil configuration ensures quicker re-heat time, both reducing annual running costs.

Our advanced manufacturing techniques allow us to produce bespoke tanks in less than one week reducing frustration when an old Elson tank fails.



Please Note:

When requesting a replacement unit, confirm the depth and width as schematic, as this may differ from the information shown on the original databadge.

Maxistore / Opal Electric Combination Units

The ELSOflow Maxistore and Opal are electrically heated open vented combination hot water storage unit which provides hot water. It can be installed at a high level in cupboard or within a roof space.

Designed to maximise the benefit of off-peak or variable electric tariffs.

The ELSOflow Opal allows for a fast, simple installation, and can be supplied with two three-kilowatt immersion heaters to reduce installation time.

For a direct replacement, simply provide the information from the original databadge on the original Elson Maxistore or Opal product.

COMPONENTS

- Integral Feed Tank
- 22mm DHW Draw Off Connection
- 2 Immersion Heater Bosses

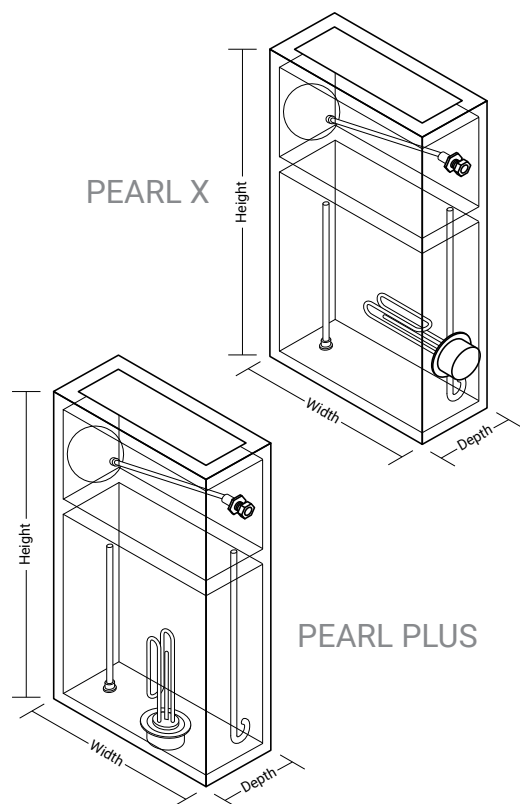
Optional Extras

- 3kW Immersion Heaters (inc. thermostats)
- 3kW Titanium Immersion Heaters (inc. thermostats)

KEY BENEFITS

- Maximises the benefit of off-peak electric
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke design available with other sizes available on request

Model No.	RE0115	RE0120	CE135E	RE0144	RE0160	RE0180	RE0210
Storage Capacity	115	120	135	144	160	180	210
Height	1065	1285	1065	1285	1285	1285	1285
Width	405	410	455	460	435	470	555
Depth	545	475	545	475	545	545	545
ERP Class	C	C	C	C	C	C	C
Standing Heat Loss (watts)	52	48	59	57	67	75	83
Persons	1	1-2	1-2	1-2	2-3	2-3	3-4
Baths / Showers	1 Shower	1 Shower	1 Bath	1 Bath	1 Bath	1 Bath	1 Bath



Please Note:

When requesting a replacement unit, confirm the depth and width as schematic, as this may differ from the information shown on the original databadge.

COMPONENTS

- Integral Feed Tank
- 22mm DHW Draw Off Connection
- Immersion Heater Boss

Optional Extras

- 3kW Immersion Heater (inc. thermostats)
- 3kW Titanium Immersion Heater (inc. thermostats)

Pearl Wall Mounted Water Heater

The ELSoFlow Pearl is an open vented electrically heated, wall mounted storage unit designed for multipoint application in apartment or modular buildings.

The ELSoFlow Pearl is a low cost solution for a compact water heater complete with wall-mounting brackets. It can also be supplied with a 3kW immersion.

The Pearl X units are supplied with a side entry immersion and Pearl Plus units are fitted with a bottom entry immersion.

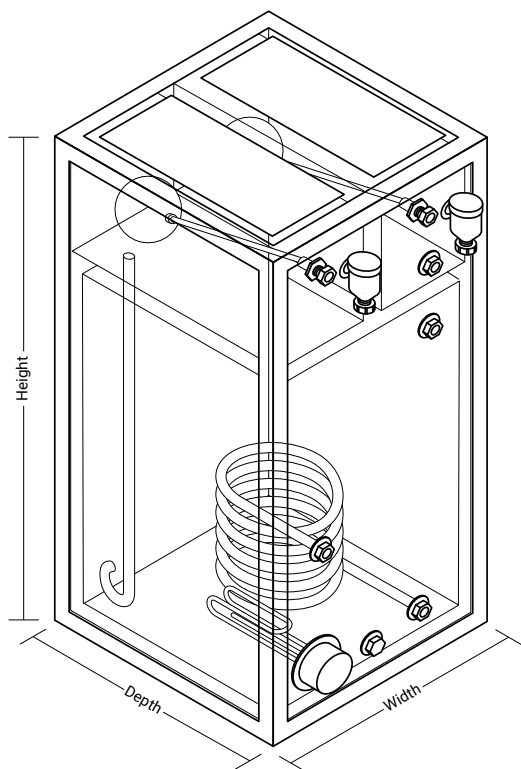
The design of the Pearl means there is no requirement for discharge pipework or expansion vessels on the water supply, as required with unvented alternatives.

For a direct replacement, simply provide the information from the original databadge on the original Elson Pearl product.

KEY BENEFITS

- Wall hung space saving solution
- Maximises the benefit of off-peak electric
- Suitable for use with multiple outlets
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke design available with other sizes available on request

Model No.	REP25	REP50	REP70	REP90
Storage Capacity	25	50	70	90
Height	795	795	880	940
Width	465	465	465	465
Depth	210	315	335	375
ERP Class	C	C	C	C
Standing Heat Loss (watts)	25	33	39	46
Washbasins	1-3	3-5	5-7	7-9



Please Note:

When requesting a replacement unit, confirm the depth and width as schematic, as this may differ from the information shown on the original databadge.

COMPONENTS

- Integral Feed Tank
- 22mm DHW Draw Off Connection
- 28mm Boiler Connections
- Immersion Heater Boss

Optional Extras

- 3kW Immersion Heaters (inc. thermostats)
- 3kW Titanium Immersion Heaters (inc. thermostats)

Emerald Indirect Hot Water

The ELSOflow Emerald is an indirectly heated open vented combination hot water storage unit which provides hot water. Suitable for open vented gravity systems (multi fuel or log burner), fully pumped gas/oil boiler primary systems and sealed systems.

The unit incorporates both a cold feed cistern and a primary feed and expansion tank, to fully separate the primary and domestic systems. It also provides a solution to pass through most loft hatches or into most hot water tank cupboards.

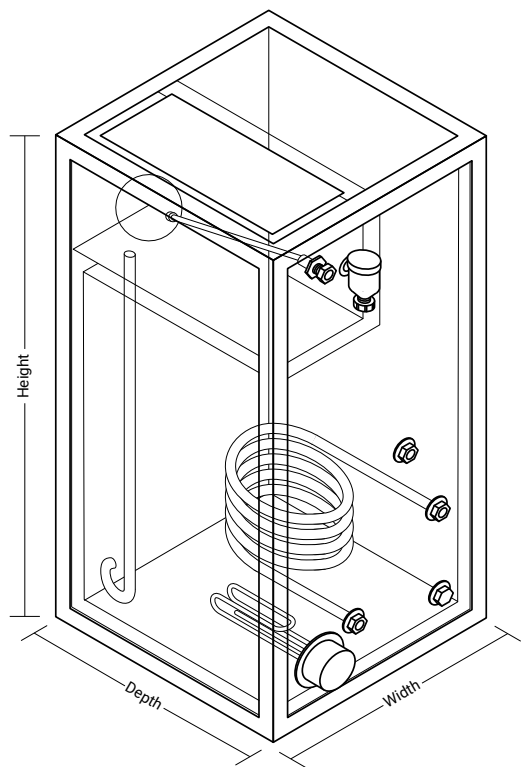
The Emerald product can also be bespoke manufactured to provide a direct replacement for the Elson Diamond and Elson Sapphire ranges.

For a direct replacement, simply provide the information from the original databadge on the original Elson product.

KEY BENEFITS

- Suitable for use with gas, oil or solid fuel boiler
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke design available with other sizes available on request
- Perfect replacement for Elson Diamond and Elson Sapphire ranges

Model No.	REE100	REE115	REE135	REE160	REE180
Storage Capacity	100	115	135	160	180
Height	865	865	865	1195	1285
Width	530	545	575	530	530
Depth	545	560	590	545	545
ERP Class	C	C	C	C	C
Standing Heat Loss (watts)	47	52	59	67	74
Persons (Pumped Primary)	1	1-3	3-5	5-6	6-7
Persons (Gravity Primary)	1	1-2	3-4	4-5	5-6



Please Note:

When requesting a replacement unit, confirm the depth and width as schematic, as this may differ from the information shown on the original databadge.

COMPONENTS

- Integral Feed Tank
- 22mm DHW Draw Off Connection
- 22mm Boiler Connections
- Immersion Heater Boss

Optional Extras

- 3kW Immersion Heaters (inc. thermostats)
- 3kW Titanium Immersion Heaters (inc. thermostats)

Amethyst Indirect Combination Unit

The ELSOflow Amethyst is widely used throughout the UK in district heating schemes and central boiler systems. It is an indirectly heated open vented combination hot water storage unit which provides hot water. It can also be installed at a high level in cupboard or within a roof space.

The ELSOflow Amethyst is suitable for use with sealed system boilers, district heating or central boiler schemes, where expansion of the primary system water is accommodated elsewhere in the system.

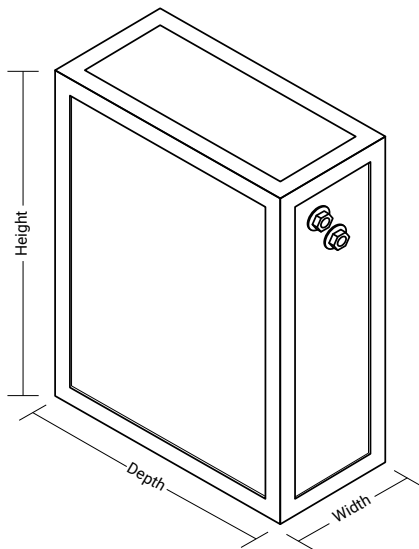
Heat pump compatible units also available.

For a direct replacement, simply provide the information from the original databadge on the original Elson Amethyst product.

KEY BENEFITS

- Suitable for use with gas or oil boiler, central plant or district heating schemes
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke design available with other sizes available on request

Model No.	REA115	REA135	REA160	REA180
Storage Capacity	115	135	160	180
Height	865	865	865	865
Width	505	565	655	720
Depth	545	545	545	545
ERP Class	C	C	C	C
Standing Heat Loss (watts)	52	59	67	74
Persons	1-3	3-5	4-5	5-6
Baths / Showers	1 Bath	1 Bath	1 Bath	1 Bath



Please Note:

When requesting a replacement unit, confirm the depth and width as schematic, as this may differ from the information shown on the original databadge.

COMPONENTS

- Ball valve
- Inspection lid

Twin Range Replacements

The ELSOfLOW Twin ranges provide both hot and cold water storage for the property.

The replacement solutions are supplied as two separate tanks utilising a 115 litre cold water tank alongside either Amethyst, Opal, Emerald or Maxistore hot water tank.

Both tanks can be installed together at a high level in cupboard or within a roof space.

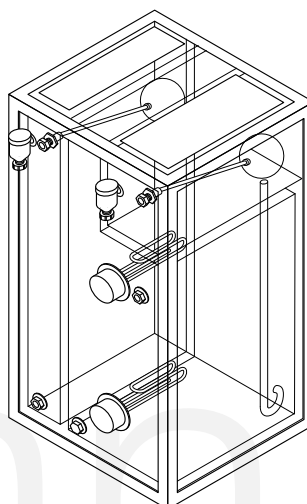
For a direct replacement, simply provide the information from the original databadge on the original Elson Twin product.

KEY BENEFITS

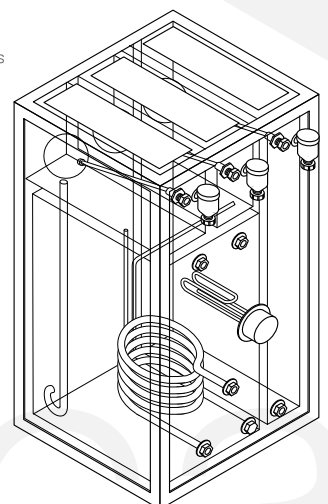
- Provides both hot and cold water storage
- No discharge pipework
- No annual maintenance
- No G3 certification required for installation
- Bespoke design available with other sizes available on request

ELSOflow Twin Cold Water Storage Section

Capacity	115
Height	840
Width	330
Depth	330



Original Twin Configurations





CUBEFLOW

Coral E

The Elson Coral E range has a direct replacement with the CUBEflow Coral E. It is a direct thermal store, with the additional flexibility to incorporate an open vented boiler, to provide mains pressure hot water.

This 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 as unvented cylinders, which can prove problematic in apartment installations.

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

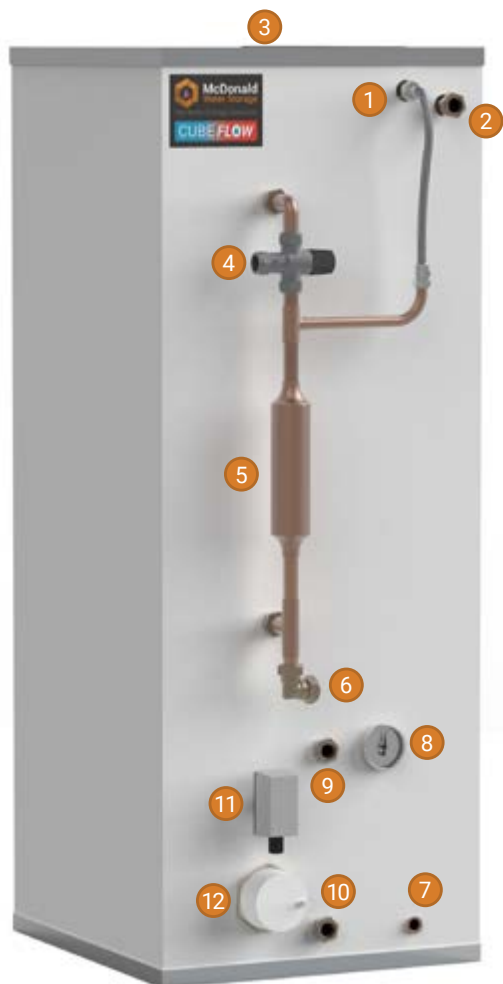
COMPONENTS

1. Ball valve
2. 15mm Overflow - Header Tank
3. Inspection Lid (Header Tank)
4. 22mm Hot Draw Out - c/w TMV
5. Expansion Chamber
6. 22mm Cold Mains In
7. 1/2" Drain
8. 2" Dial Temperature Gauge
9. 3kW Immersion Heater (On Peak)
10. 3kW Immersion Heater (Off Peak)
11. 22mm Boiler Return
12. 22mm Boiler Flow
13. Thermostat Pocket

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 with other sizes available on request
- Optional DHW pipework insulation

Model No.	RTE100	CC150TE	CC210TE	RTE250
Storage Capacity	100	150	210	250
Height	865	1285	1285	1285
Depth	570	525	570	615
Width	495	495	585	615
ERP Class	C	C	C	C
Standing Heat Loss (watts)	59	68	78	85
Bedrooms	1	1-2	2-3	3-4
Baths / Showers	1	1	2	2



CUBEFLOW

Coral Si

The Elson Coral Si range has a direct replacement with the CUBEflow Coral Si. It is an indirect thermal store, with the flexibility to incorporate a sealed boiler or central plant boiler, to provide mains pressure hot water.

It 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 to a minimum for the householder. Being open vented, the store does not require any discharge pipework associated with unvented cylinders.

Where utilised in central plant applications it;

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

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

COMPONENTS

1. Ball valve
2. 15mm Overflow - Header Tank
3. Inspection Lid (Header Tank)
4. 22mm Hot Draw Out - c/w TMV
5. Expansion Chamber
6. 22mm Cold Mains In
7. 1/2" Drain
8. 2" Dial Temperature Gauge
9. 22mm Boiler Flow
10. 22mm Boiler Return
11. Thermostat
12. 3kW Immersion Heater

KEY BENEFITS

- Mains pressure hot water
- Compatible with sealed system or central plant 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 with other sizes available on request
- Optional DHW pipework insulation

Model No.	RTB100	CC150TB	CC210TB	RTB250
Storage Capacity	100	150	210	250
Height	865	1285	1285	1285
Depth	570	525	570	615
Width	495	495	585	615
ERP Class	C	C	C	C
Standing Heat Loss (watts)	59	68	78	85
Bedrooms	1	1-2	2-3	3-4
Baths / Showers	1	1	2	2

Discover Our Complete Range Of Water Storage Solutions

Open Vented and Combination Cylinders

Elson Replacement Solutions

Thermal Stores

Electric Boiler Solutions

Unvented Cylinders

Commercial Cylinders

Cold Water Storage



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