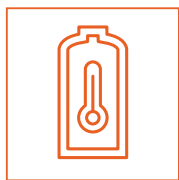


Megaflo Essential

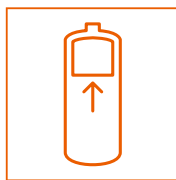
The Megaflo Essential Cylinder delivers the reliable performance you expect from the Megaflo brand, with a range to suit any budget. It features an internal expansion design that simplifies installation, and with a 20-year warranty on the stainless-steel tank, you can fit with confidence knowing you're providing customers with a long-lasting solution.



50mm insulation



Coil in coil heat exchanger*



Internal expansion system



FEATURES

Available from 170-300 litres
- direct and indirect variants

Internal expansion system

Coil in coil heat exchanger*

50mm of polyurethane foam insulation

KIWA approved

2 year warranty as standard and 20 years on the inner stainless-steel tank

BENEFITS

To meet all hot water demands

Reducing installation time and space requirement

Rapid, energy efficient heat recovery

Minimising heat loss

Complies with Water Regulation 4 and Building Regulation G3

For peace of mind

*Indirect models only

SPECIFICATIONS

Part Number	7894511	7894512	7894513	7894514	7894517	7894518	7894519	7894520
Description	170L Direct	210L Direct	250L Direct	300L Direct	170 Indirect	210L Indirect	250L Indirect	300L Indirect
Volume (l)*	179	193	232	279	174	190	230	276
Height (mm)	1414	1516	1766	2086	1414	1516	1766	2086
Diameter (mm)	553	553	553	553	553	553	553	553
Empty Weight (kg)	36	38	45	52	38	41	48	55
Full Weight (kg)*	215	231	277	331	212	231	278	331
ERP Rating	C	C	C	C	C	C	C	C
Standing Heat Loss (kW/h per 24hr)**	1.63	1.69	1.84	2.1	1.54	1.68	1.8	2.21
Mixed Water at 40°C V40 (l)	204	217	293	366	215	242	295	347
Coil Heat-Up Time (mins)***	N/A	N/A	N/A	N/A	41.1	45.9	49.8	64.9
Coil Rating (kW) ¹	N/A	N/A	N/A	N/A	11.0	11.1	12.4	11.2
Coil Surface Area (m ²)	N/A	N/A	N/A	N/A	0.51	0.51	0.51	0.51
Primary Coil Pressure Drop (bar)***	N/A	N/A	N/A	N/A	0.03	0.03	0.03	0.03
Number of Immersions (qty)	2	2	2	2	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3	3	3
Immersion Heat-Up Time (Bottom) (mins) ²	218	232	287	366	218	232	287	366
Immersion Heat-Up Time (Top) (mins) ²	102	105	86	112	N/A	N/A	N/A	N/A
Immersion Heat-Up Time (Both) (mins) ²	105	117	121	112	N/A	N/A	N/A	N/A
Secondary Return (Y or N)	N	N	N	N	N	N	N	N
Connections	All connections accept 22mm outside diameter pipe (compression nuts and olives supplied). Thread rate is 3/4" BSP Male parallel to accept standard 3/4" BSP Female fittings if required.							

Technical parameters in accordance with European Commission regulations 814/2013 and 812/2013

* at 3 bar inlet pressure

** tested to EN12897 : 2016 + A1 : 2020

*** @15 L/min

¹ 15 L/min at 80°C +/- 2°C

² Heat up time from 10°C to 60°C

COMPONENTS

The following components are supplied as standard with Megaflo Essential cylinder:

- Pressure reducing valve
- Isolation valve
- Tundish
- Drain valve
- Nut and olive kit
- Immersion spanner
- 2 port zone valve (indirect only)
- Wiring centre (indirect only)

For more information call **0344 871 1535** or visit **megaflo.co.uk**