Megaflo cylinder range guide



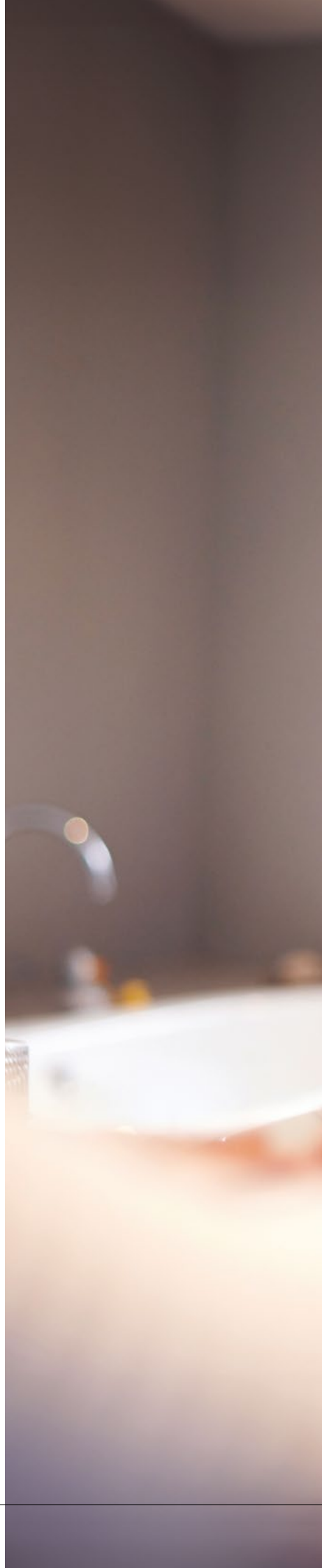
megaflo

Megaflo is the obvious choice.

At Megaflo, we're committed to delivering powerful, reliable hot water with the energy efficiency modern homes and businesses demand.

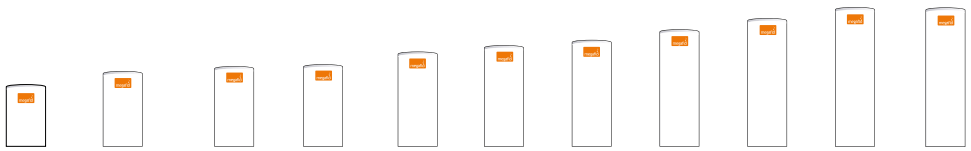
As one of the UK's most trusted names in unvented hot water systems, Megaflo stands for quality, performance and peace of mind. Our cylinders are built to deliver consistent pressure and exceptional flow, wherever and whenever it's needed most.

Proudly part of the Baxi family, Megaflo benefits from shared expertise, innovation and support, all underpinned by a drive to create more sustainable heating and hot water solutions. Together, we're combining trusted British manufacturing with cutting-edge technology to help reduce carbon emissions and future proof our customers' comfort.

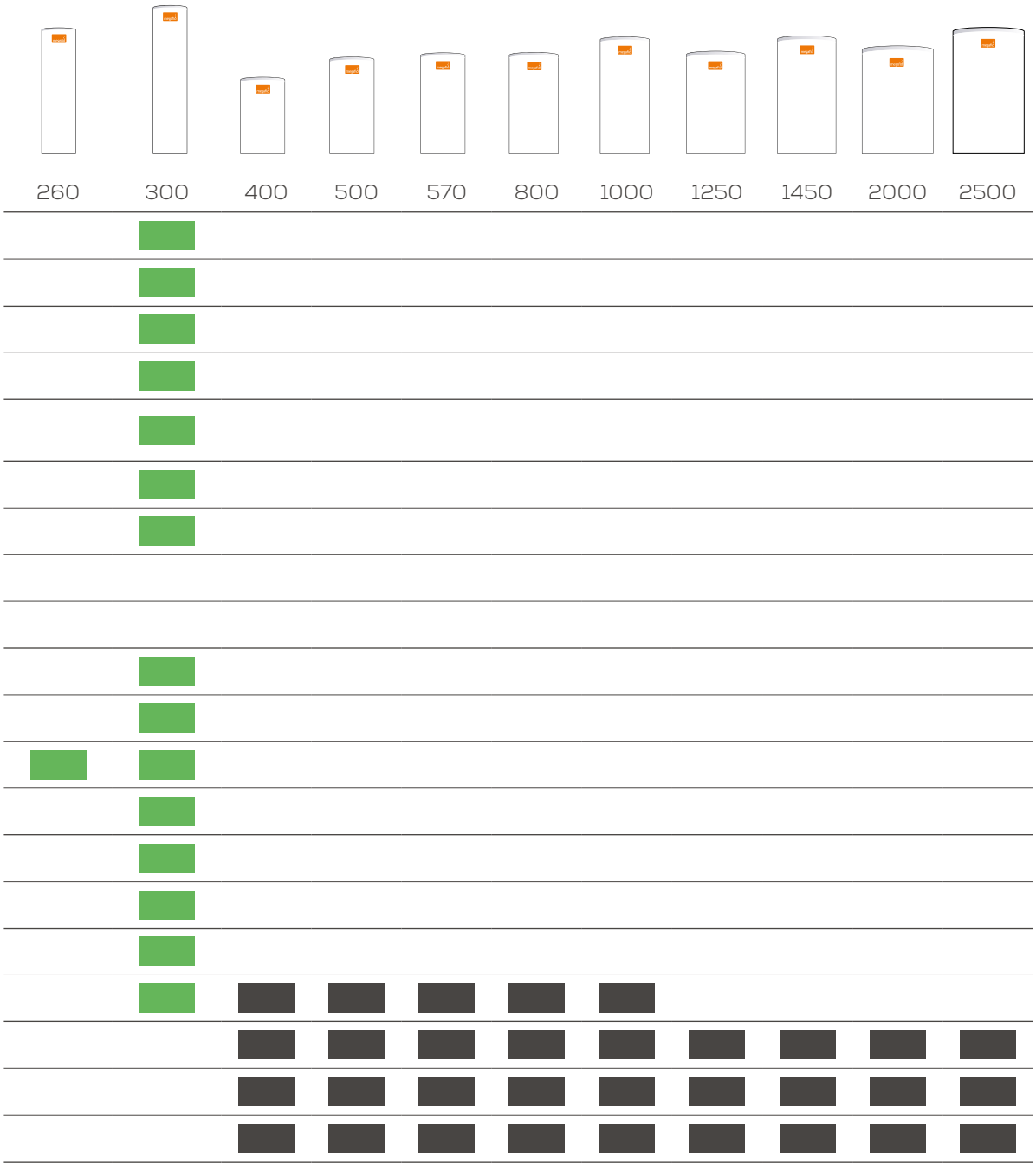




Our product portfolio showcases a range that delivers the ultimate in performance and reliability for most residential and commercial properties.

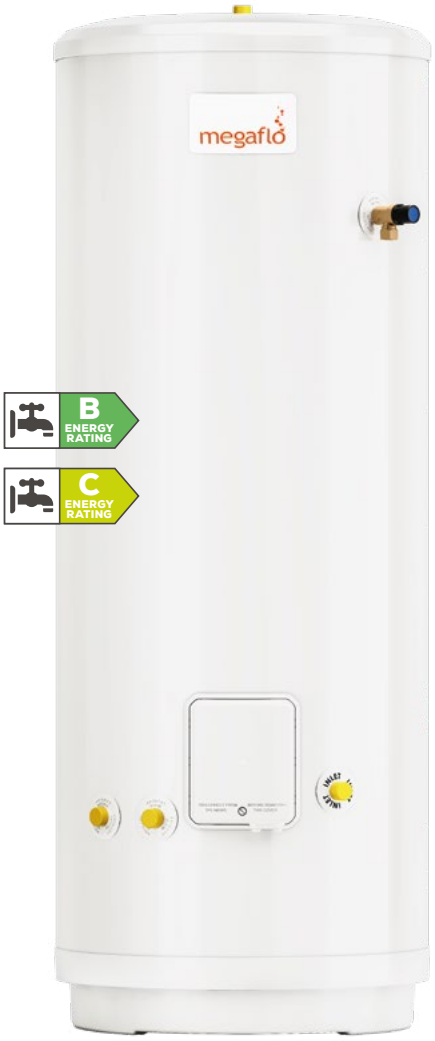


Megaflo/litres		70	100	120	125	145	150	170	190	200	210	250
Megaflo Main	Direct			■			■	■			■	■
	Indirect			■			■	■			■	■
Megaflo Essential	Direct							■			■	■
	Indirect							■			■	■
Megaflo Essential ASHP											■	■
Megaflo Eco	Direct	■			■	■		■			■	■
	Indirect	■			■	■		■			■	■
Megaflo Eco Slimline	Direct		■		■		■	■		■		
	Indirect		■		■		■	■		■		
Megaflo Eco SystemReady					■	■		■			■	■
Megaflo Eco SystemFit					■	■		■			■	■
Megaflo Eco Solar	Direct							■			■	
	Indirect								■		■	■
Megaflo Eco Solar PV Ready	Direct										■	■
	Indirect							■			■	■
Megaflo Eco Plus	Direct											■
	Indirect											■
Megaflo Eco Plus Flexistor												
Megaflo Commercial												
Megaflo Commercial Flexistor												


260
300
400
500
570
800
1000
1250
1450
2000
2500
Residential
Commercial

Megaflo Main

Direct and Indirect



The Megaflo Main unvented hot water cylinder is available from independent merchants only, providing a range of options which can be paired with our Baxi MainEco Compact System boiler or a Baxi MainEco Compact Heat boiler for a complete system solution.

All cylinders come equipped with an external expansion vessel. 50mm of foam insulation ensures that heat loss and running costs are kept to a minimum.

Features	Benefits
Available from 120-300 litres - direct and indirect variants	A cylinder for every style and size of property, to meet all hot water demands
Efficient heat exchanger (Indirect models only)	Rapid heat recovery
50mm of polyurethane foam insulation	Minimising heat loss
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
1 year warranty as standard, with 20-years on the inner stainless steel tank*	For peace of mind

*T&Cs apply – please refer to the website for more information.

Specifications

Part number	7912283	7912284	7912285	7912286	7912287	7912288	7912277	7912278	7912279	7912280	7912281	7912282
Description	**120L Direct**	**150L Direct**	**170L Direct**	**210L Direct**	**250L Direct**	**300L Direct**	**120L Indirect**	**150L Indirect**	**170L Indirect**	**210L Indirect**	**250L Indirect**	**300L Indirect**
Height (mm)	931	1114	1241	1499	1752	2065	931	1114	1241	1499	1752	2065
Diameter (mm)	550	550	550	550	550	550	550	550	550	550	550	550
Empty Weight (kg)	25	28	29	36	45	55	27	31	33	41	50	60
Full Weight (kg)	145	178	199	246	295	355	147	184	203	251	300	360
ERP Rating	C	C	C	C	C	C	B	C	C	C	C	C
Standing Heat Loss (kW/h per 24hr)*	1.24	1.43	1.54	1.89	2.07	2.36	1.24	1.43	1.54	1.89	2.07	2.36
Heat-UpTime (mins)	121	152	173	215	260	315	29	37	35	43	43	49
Hot Water Capacity (volume to >40°C) (l)	108	135	157	199	240	273	108	135	157	199	240	273
Coil Rating (kW)	N/A	N/A	N/A	N/A	N/A	N/A	12.5	12.5	15	15	18	18
Primary Coil Pressure Drop (bar)	N/A	N/A	N/A	N/A	N/A	N/A	0.2	0.2	0.2	0.2	0.2	0.2
Number of Immersions (qty)	2	2	2	2	2	2	1	1	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3	3	3	3	3	3	3
Secondary Return (Y or N)	N	N	N	N	N	N	N	N	N	N	N	N
Size of Supplied Expansion Vessel (l)	12	12	18	18	24	24	12	12	18	18	24	24
Connections	All pipe fittings are made via 22 mm compression fittings directly to the unit. The fittings are threaded 3/4" BSP male parallel, should threaded pipe connections be required.											

*Tested to BS EN 12897:2016

Notes:
Indirect cylinders tested in conformance with BS EN 12897:2016
Heat up time from cold through 50°C, with a primary flow rate 15ltrs/min at 80°C +/- 2°C
Direct heating times assume use of lower element only, from cold, through 50°C

Components

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

- Tundish
- Combination valve
- Expansion vessel
- 2 port motorised valve (indirect models only)
- Immersion heater spanner
- Compression nuts & olives

Megaflo Essential

Direct and Indirect



The Megaflo Essential unvented hot water 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.

Features	Benefits
Available from 170-300 litres - direct and indirect variants	To meet all hot water demands
Internal expansion system	Reducing installation time and space requirement
Coil in coil heat exchanger*	Rapid, energy efficient heat recovery
50mm of polyurethane foam insulation	Minimising heat loss
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 20 years on the inner stainless-steel tank**	For peace of mind

*Indirect models only

**T&Cs apply – please refer to the website for more information.

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 BSP Female fittings if required.	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)

Megaflo Essential ASHP



The Megaflo Essential ASHP range is designed for use with residential heat pumps, including the Baxi ASHP range. It uses a large surface area coil for efficient, reliable hot water supply. It includes two 3kW immersion heaters for higher demand, and its duplex stainless steel vessel with 60mm foam insulation ensures durability and excellent heat retention.

Features	Benefits
210, 250 and 300 litre capacity	Flexibility in system design
High surface area heat exchanger	Faster heat up times
60mm of polyurethane foam insulation	Keeps water hotter for longer
Secondary return	Faster delivery of hot water to taps with long pipe runs
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 10 years on the inner stainless-steel tank*	For peace of mind

*T&Cs apply – please refer to the website for more information.

Specifications

Part number	7912274	7912275	7912276
Description	**210L**	**250L**	**300L**
Actual Volume (l)	209	246	287
Height (mm)	1516	1767	2082
Diameter (mm)	579	579	579
Empty Weight (kg)	46	54	62
Full Weight (kg)	255	300	349
ERP Rating***	B	C	C
Standing Heat Loss (kW/h per 24hr)	1.5	1.78	2.05
Hot Water Capacity (volume to >40°C) (l)	204	242	289
Coil Heat-Up Time (mins)*	21.5	22.8	27.8
Coil Rating (kW)*	33.2	36.8	35.5
Coil Surface Area (m^2)	2	3	3
Primary Coil Pressure Drop (bar)*	0.09	0.12	0.12
Number of Immersions (qty)	2	2	2
Immersion Heater Rating (kW)	3	3	3
Immersion Heat-Up Time (min) - Boost Immersion**	67	67	67
Secondary Return (Y or N)	Y	Y	Y
Size of Supplied Expansion Vessel (l)	18	24	24
Connections	22mm-¾" BSP Male flow and return, 22mm-¾" BSP Male cold water inlet, 22mm-¾" BSP Male DHW outlet.		

* @15 L/min - Cylinders tested in conformance to Annex A, BS EN 12897:2016

** Temperature rise 50°C (10 - 60°C)

*** In accordance with European Commission regulations 814/2013 and 812/2013

Components

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

- Tundish
- 3.5 bar pressure reducing valve
- 6 bar pressure relief valve
- 3 port motorised diverter valve
- Element spanner tool
- Expansion vessel
- Compression nuts & olives

Megaflo Eco

Direct and Indirect



Megaflo unvented cylinders have been providing premium hot water solutions to millions of UK homes for over 30 years. Featuring our internal expansion system and 60mm of insulation to optimise energy efficiency, Megaflo Eco is the obvious choice for homes with a high demand for hot water.

With a comprehensive warranty for total peace of mind and made in the UK from high quality duplex stainless steel, Megaflo Eco is unrivalled in delivering high power showering and fast filling baths, even at low pressures.

Features	Benefits
Available from 70 - 300 litres	A cylinder for every style and size of property to meet all hot water demands
Internal expansion system	Reducing installation time and space requirement
Titanium electric heating elements (direct models only)	For quality and durability
High performance 'coil-in-coil' design heat exchanger (indirect models only)	Exceptionally fast recovery times
60mm of polyurethane foam insulation	Excellent heat retention
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank*	For peace of mind

*T&Cs apply – please refer to the website for more information.

Specifications - Direct

Part number	95050460	95050462	95050464	7894080	7894081	7894084	7894087	7894082	7894083	7894085	7894086	7894088	7894089
Description	**70D**	**125DD**	**145DD**	**170DD**	**210DD**	**250DD**	**300DD**	**210DDD 9kW**	**210DDDD 12kW**	**250DDD 9kW**	**250DDDD 12kW**	**300DDD 9kW**	**300DDDD 12kW**
Volume (l) [1]	92	140	155	178	192	233	280	192	192	233	233	280	280
Height (mm)	800	1098	1224	1380	1482	1734	2049	1482	1482	1734	1734	2049	2049
Diameter (mm)	579	579	579	579	579	579	579	579	579	579	579	579	579
Empty Weight (kg)	23	25	31	37	39	45	52	40	41	46	47	53	54
Full Weight (kg) [1]	117	168	190	215	231	278	332	232	233	279	280	333	334
ERP Rating [2]	B	B	C	C	C	C	C	C	C	C	C	C	C
Standing Heat Loss (kW/h per 24hr) [3]	0.91	1.05	1.18	1.44	1.63	1.75	2.04	1.63	1.63	1.75	1.75	2.04	2.04
Mixed Water at 40°C V40 (l)	78	167	183	192	254	308	400	254	254	308	308	400	400
Number of Immersions (qty)	1	2	2	2	2	2	2	3	4	3	4	3	4
Immersion Heater Rating (kW)	3	3	3	3	3	3	3	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins) [4]	75	139	167	218	232	287	336	N/A	N/A	N/A	N/A	N/A	N/A
Heat-Up Time Top Immersion (mins) [4]	N/A	65	83	102	105	86	112	N/A	N/A	N/A	N/A	N/A	N/A
Heat-Up Time Both Immersion (mins) [4]	N/A	62	79	105	117	121	112	N/A	N/A	N/A	N/A	N/A	N/A
Heat-Up Time (3 immersions) (mins) [4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	72	72	94	94	102	102
Heat-Up Time (4 immersions) (mins) [4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	58	N/A	71	N/A	88
Secondary Return (Y or N)	N	N	N	N	N	N	N	N	N	N	N	N	N
Connections	All connections accept 22mm outside diameter pipe (compression nuts and olives supplied). The thread rate is 3/4" BSP Male parallel to accept standard 3/4" BSP Female fittings if required.												

[1] At 3 bar water inlet pressure

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

[3] Tested to EN12897:2016 + A1:2020

[4] Heat up time from 10°C to 60°C

Specifications - Indirect

Part number	95050461	95050463	95050465	7894097	7894098	7894099	7894100
Description	**70i**	**125i**	**145i**	**170i**	**210i**	**250i**	**300i**
Volume (l) [1]	92	137	155	171	187	226	272
Height (mm)	800	1098	1224	1380	1482	1734	2049
Diameter (mm)	579	579	579	579	579	579	579
Empty Weight (kg)	25	31	35	44	46	52	60
Full Weight (kg) [1]	117	168	190	215	233	278	332
ERP Rating [2]	B	B	B	B	B	C	C
Standing Heat Loss (kW/h per 24hr) [3]	0.91	1.05	1.18	1.35	1.42	1.61	1.89
Mixed Water at 40°C V40 (l)	146	188	218	214	235	298	363
Coil Heat-Up Time (mins) [4]	12.5	21.9	23.2	27.7	30.1	35.9	41.9
Coil Rating (kW) [5]	19.8	19.5	20.9	16.2	16.4	17.4	18.1
Coil Surface Area (m^2)	0.58	0.58	0.72	0.97	0.97	0.97	0.97
Primary Coil Pressure Drop (bar) [4]	0.05	0.05	0.05	0.03	0.03	0.03	0.03
Number of Immersions (qty)	1	1	1	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins) [6]	75	139	167	218	232	287	366
Secondary Return (Y or N)	Y	Y	Y	Y	Y	Y	Y
Connections	All connections accept 22mm outside diameter pipe (compression nuts and olives supplied). The thread rate is 3/4" BSP Male parallel to accept standard 3/4" BSP Female fittings if required.						

[1] At 3 bar water inlet pressure

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

[3] Tested to EN12897:2016 + A1:2020

[4] @15l/min

[5] 15l/min at 80°C +/- 2°C

[6] Heat up time from 10°C to 60°C

Components

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

- Combination valve (including pressure reducing valve, pressure relief valve, check valve and isolating valve)
- Tundish
- 2 port zone valve (indirect models only)
- Wiring centre (indirect models only)
- T&P relief valve insulation set
- Drain valve

Megaflo Eco Slimline

Direct and Indirect

A compact version of the Megaflo Eco, designed for homes where space for a hot water storage cylinder is limited. With the added benefit of our internal expansion system, our Slimline direct & indirect unvented cylinder ranges are perfect for minimising installation footprint.



Features	Benefits
Slimline cylinder	Smaller footprint
Internal expansion system	Reducing installation time and space requirement
Titanium heating elements on Direct models	Longer lasting and durable
High grade duplex stainless steel	High corrosion resistance
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank*	For peace of mind

*T&Cs apply – please refer to the website for more information.

Specifications

Part number	7034082	7034083	7034084	7034085	7034086	7034087	7034088	7034089	7034090	7034091
Description	**100D Direct**	**125DD Direct**	**150DD Direct**	**170DD Direct**	**200DD Direct**	**100i Indirect**	**125i Indirect**	**150i Indirect**	**170i Indirect**	**200i Indirect**
Storage Volume V (l) [1]	103	129	149	176	196	100	126	146	174	195
Height (mm)	1194	1440	1622	1883	2079	1194	1440	1622	1883	2079
Diameter (mm)	491	491	491	491	491	491	491	491	491	491
Empty Weight (kg)	27	33	37	42	44	31	36	40	45	48
Full Weight (kg)	130	162	186	218	240	131	162	186	219	243
ERP Rating [1]	B	C	C	C	C	B	C	C	C	C
Standing Heat Loss (kW/h per 24hr)	1.13	1.38	1.46	1.72	1.88	1.13	1.38	1.46	1.72	1.88
Coil Surface Area (m^2)	N/A	N/A	N/A	N/A	N/A	0.78	0.78	0.78	0.78	0.78
Coil Heat-Up Time (mins) [2]	N/A	N/A	N/A	N/A	N/A	19	26	27	31	35
Coil Rating (kW)	N/A	N/A	N/A	N/A	N/A	16.9	16.9	16.9	16.9	16.9
Primary Coil Pressure Drop (bar)	N/A	N/A	N/A	N/A	N/A	0.02	0.02	0.02	0.02	0.02
Number of Immersions (qty)	1	2	2	2	2	1	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins)	109	125	149	169	218	-	-	-	-	-
Heat-Up Time Top Immersion (mins)	N/A	63	63	63	63	N/A	N/A	N/A	N/A	N/A
Heat-Up Time Both Immersions (mins)	N/A	63	75	85	109	N/A	N/A	N/A	N/A	N/A
Secondary Return (Y or N)	N	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									

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

[2] Coil heating performance is based on a primary flow rate of 15 l/min at 80°C with a temperature rise from 15°C to 60°C. Tested in accordance with EN 12897:2006

Components

The following components are supplied as standard with Megaflo Eco Slimline cylinder:

- Combination valve (including pressure reducing valve, pressure relief valve, check valve and isolating valve)
- Tundish
- 2 port zone valve (indirect only)
- Wiring centre (indirect only)
- T&P relief valve insulation set
- Drain valve

Megaflo Eco SystemFit



Our Megaflo Eco SystemFit unvented cylinder goes one step further than our standard Megaflo Eco by adding factory-fitted plumbing and wiring, making it ready for installation with a **heat only boiler** – not only reducing installation time but also providing a more consistent and tidy finish.

Features	Benefits
Factory-fitted components including Immersion Heater(s), Temperature & Pressure Relief Valve, Pressure Relief Valve, Tundish, Circulating Pump, Filling Loop, 2-Port Motorised Valves & Wiring Centre*	Neat appearance, reduces installation time and is compatible with most heat only boilers
Internal expansion system	Reducing installation time and space requirement
60mm of polyurethane foam insulation	Excellent heat retention
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank**	For peace of mind

*For full list of factory-fitted components please see Installation & Servicing Manual.
**T&Cs apply – please refer to the website for more information.

Specifications

Part number	95050450	95050451	95050452	95050453	95050454	95050455
Description	**125sf**	**145sf**	**170sf**	**210sf**	**250sf**	**300sf**
Volume (l) [1]	137	155	178	195	233	283
Height (mm)	1102	1229	1384	1486	1738	2053
Diameter (mm)	579	579	579	579	579	579
Empty Weight (kg)	43	48	52	55	61	69
Full Weight (kg) [1]	180	203	230	250	294	235
ERP Rating [2]	B	B	B	B	C	C
Standing Heat Loss (kW/h per 24hr)	1.05	1.18	1.20	1.42	1.61	1.69
Hot Water Capacity - volume to >40°C (l)	139	159	197	200	240	284
Coil Heat-Up Time (mins) [3]	21.9	23.2	31.5	32.0	40.1	42.3
Coil Rating (kW) [4]	19.5	20.9	19.4	19.4	19.5	20.5
Coil Surface Area (m^2)	0.58	0.72	0.79	0.79	0.79	0.79
Primary Coil Pressure Drop (bar) [3]	0.05	0.05	0.05	0.05	0.05	0.05
Number of Immersions (qty)	1	1	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins)	139	167	179	208	252	294
Secondary Return (Y or N)	Y	Y	Y	Y	Y	Y
Connections	All connections on cylinder are 22mm. Heating connections are 22mm (125-210L) or 28mm (250-300L)					

[1] Indirect cylinders tested in accordance with BS EN 12897:2006

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

[3] @15l/min

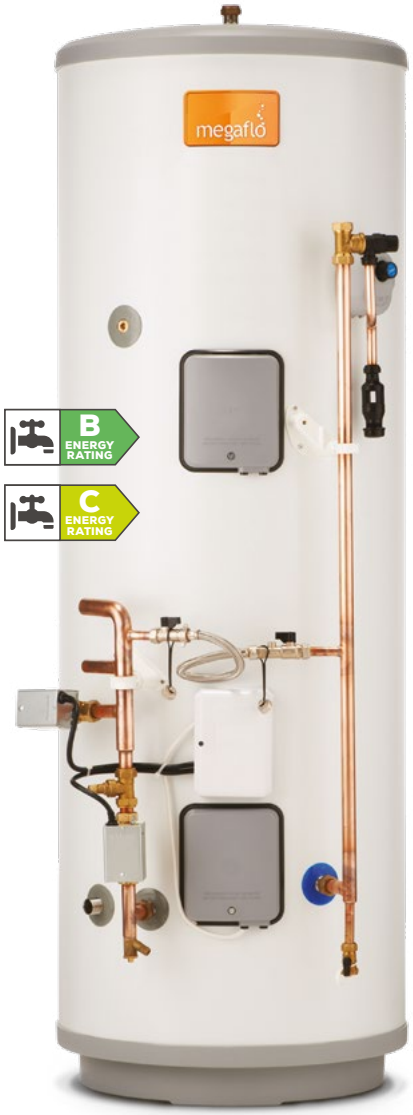
[4] 15l/min, at 80°C +/- 2°C

Components

The following components are supplied in an installation kit with the Megaflo Eco SystemFit cylinder:

- Pressure Reducing Valve
- Isolating Valve
- Automatic Air Vent
- Primary Circuit Expansion Vessel (including wall mounting bracket)
- CH / DHW Programmable Room Thermostat
- CH 2nd Zone Programmable Room Thermostat

Megaflo Eco SystemReady



The Megaflo Eco SystemReady unvented cylinder provides all the same benefits as our Megaflo Eco SystemFit by adding factory-fitted plumbing and wiring, but is designed to be installed with a **system boiler** – not only reducing installation time but also providing a more consistent and tidy finish.

Features	Benefits
Factory-fitted components including Immersion Heater(s), Temperature & Pressure Relief Valve, Pressure Relief Valve, Tundish, Filling Loop, 2-Port Motorised Valves & Wiring Centre*	Neat appearance, reduces installation time and is compatible with most system boilers
Internal expansion system	Reducing installation time and space requirement
60mm of polyurethane foam insulation	Excellent heat retention
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank**	For peace of mind

*For full list of factory-fitted components please see Installation & Servicing Manual.
**T&Cs apply – please refer to the website for more information.

Specifications

Part number	95050497	95050498	95050499	95050500	95050501	95050502
Description	**125sb**	**145sb**	**170sb**	**210sb**	**250sb**	**300sb**
Volume (l) [1]	137	155	178	195	233	283
Height (mm)	1102	1229	1384	1486	1738	2053
Diameter (mm)	579	579	579	579	579	579
Empty Weight (kg)	43	48	52	55	61	69
Full Weight (kg) [1]	180	203	230	250	294	235
ERP Rating [2]	B	B	B	B	C	C
Standing Heat Loss (kW/h per 24hr)	1.05	1.18	1.20	1.42	1.61	1.69
Hot Water Capacity - volume to >40°C (l)	139	159	197	200	240	284
Coil Heat-Up Time (mins) [3]	21.9	23.2	31.5	32.0	40.1	42.3
Coil Rating (kW) [4]	19.5	20.9	19.4	19.4	19.5	20.5
Coil Surface Area (m^2)	0.58	0.72	0.79	0.79	0.79	0.79
Primary Coil Pressure Drop (bar) [3]	0.05	0.05	0.05	0.05	0.05	0.05
Number of Immersions (qty)	1	1	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins)	139	167	179	208	252	294
Secondary Return (Y or N)	Y	Y	Y	Y	Y	Y
Connections	All connections on cylinder are 22mm. Heating connections are 22mm (125-210L) or 28mm (250-300L)					

[1] Indirect cylinders tested in accordance with BS EN 12897:2006

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

[3] @15l/min

[4] 15l/min, at 80°C +/- 2°C

Components

The following components are supplied in an installation kit with the Megaflo Eco SystemReady cylinder:

- Pressure Reducing Valve
- Isolating Valve
- Automatic Air Vent

Megaflo Eco Solar

Direct and Indirect



Our Megaflo Eco Solar unvented cylinder range provides an abundance of hot water for fast-filling baths and invigorating showers, whilst keeping running costs to a minimum by harnessing the sun's energy when used in conjunction with a solar thermal flat plate collector or evacuated tubes*. Proudly made in the UK from high grade duplex stainless steel, Megaflo provides total peace of mind with your installation.

Features	Benefits
High performance solar coil	For maximising harnessed energy
Titanium heating elements (direct models only)	For quality and durability
60mm insulation	Reduces heat loss for better energy efficiency
High grade duplex stainless steel	High corrosion resistance
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank**	For peace of mind

*Requirement to purchase separately. Not sold through Baxi.
**T&Cs apply – please refer to the website for more information.

Specifications

Part number	95050527	95050512	95050528	95050516	95050511	95050513	95050515	95050517
Description	**170sd Direct**	**210sdd Direct**	**260sdd Direct**	**300sdd Direct**	**190si Indirect**	**210si Indirect**	**250si Indirect**	**300si Indirect**
Volume (l) [1]	169	210	259	303	189	209	243	294
Height (mm)	1229	1489	1802	2053	1387	1489	1738	2053
Diameter (mm)	579	579	579	579	579	579	579	579
Empty Weight (kg)	46.2	52.5	60.7	65.3	57.3	59.9	69.1	75.4
Full Weight (kg) [1]	215	263	320	368	246	266	312	369
ERP Rating [2]	C	C	C	C	C	C	C	C
Standing Heat Loss (kW/h per 24hr)	1.25	1.41	1.63	1.84	1.32	1.41	1.56	1.84
Hot Water Capacity - volume to >40°C (l)	166	209	260	291	191	202	248	300
Auxiliary Coil Surface Area (m^2)	N/A	N/A	N/A	N/A	0.61	0.68	0.73	0.79
Auxiliary Coil Heat-Up Time (mins) [3]	N/A	N/A	N/A	N/A	20.6	21.0	25.2	25.9
Auxiliary Coil Rating (kW) [4]	N/A	N/A	N/A	N/A	19.7	19.7	20.7	22.2
Auxiliary Coil Pressure Drop (bar) [3]	N/A	N/A	N/A	N/A	0.04	0.04	0.04	0.04
Solar Coil Surface Area (m^2)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Solar Coil Heat-Up Time (mins) [4]	25.7	29	37.1	40.9	29.9	28.5	34.6	41.8
Solar Coil Rating (kW) [4]	21.2	22.5	22	22.8	20.4	22.6	22.6	23.2
Solar Coil Pressure Drop (bar) [3]	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Number of Immersions (qty)	1	2	2	2	1	1	1	1
Immersion Heater Rating (kW)	3	3	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins)	86	137	179	210	114	108	131	164
Heat-Up Time Top Immersion (mins)	N/A	63	111	108	N/A	N/A	N/A	N/A
Heat-Up Time Both Immersions (mins)	N/A	63	85	99	N/A	N/A	N/A	N/A
Secondary Return (Y or N)	N	N	N	N	Y	Y	Y	Y
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							

[1] At 3 bar water inlet pressure

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

[3] @15l/min

[4] 15l/min, at 80°C +/- 2°C

Components

The following components are supplied as standard with Megaflo Eco Solar cylinder:

- Combination valve (including pressure reducing valve, pressure relief valve, check valve and isolating valve)
- Tundish
- Expansion vessel
- 2 port zone valve (indirect only)
- Wiring centre (indirect only)
- T&P relief valve insulation set
- Drain valve

Megaflo Eco Solar PV Ready

Direct and Indirect



The Megaflo Eco Solar PV Ready takes the surplus energy harvested by PV panels on the roof and transfers it directly to the unvented cylinder, delivering free hot water. Operating on any PV array, it requires no roof work or additional training to install* and the pre-wired controller reduces installation time.

Features	Benefits
Internal expansion system	Reducing installation time and space requirement
Fully wired Solar iBoost+ control unit	Built-in feature for easy installation
Solar iBoost+ Buddy with wireless communication	Remotely access energy and savings data
60mm of polyurethane foam insulation	Reduces heat loss for better energy efficiency
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank**	Peace of mind with your installation

*No training in addition to Hot Water Unvented Storage Systems (G3) is required.
**T&Cs apply – please refer to the website for more information.

Specifications

Part number	7894912	7894913	7894914	7894915	7894916	7894917	7894918
Description	**210L Direct**	**250L Direct**	**300L Direct**	**170L Indirect**	**210L Indirect**	**250L Indirect**	**300L Indirect**
Volume (l)[1]	192	233	280	173	190	228	276
Height (mm)	1515	1766	2081	1413	1515	1766	2081
Diameter (mm)	579	579	579	579	579	579	579
Empty Weight (kg)	39	45	52	41	48	54	62
Full Weight (kg)[1]	231	278	332	214	238	282	338
ERP Rating[2]	C	C	C	C	B	C	C
Standing Heat Loss (kW/h per 24hr)[3]	1.63	1.75	2.04	1.41	1.42	1.61	1.89
Mixed Water at 40°C V40 (l)	254	308	400	219	242	297	350
Coil Heat-Up Time (mins)[4]	N/A	N/A	N/A	31.35	35.08	39.62	49.05
Coil Rating (kW)[5]	N/A	N/A	N/A	14.6	14.5	15.8	15
Coil Surface Area (m^2)	N/A	N/A	N/A	0.79	0.79	0.79	0.79
Primary Coil Pressure Drop (bar)[4]	N/A	N/A	N/A	0.05	0.05	0.05	0.05
Number of Immersions (qty)	2	2	2	2	2	2	2
Immersion Heater Rating (kW)	3	3	3	3	3	3	3
Heat-Up Time Bottom Immersion (mins)[6]	232	287	366	218	232	287	366
Heat-Up Time Top Immersion (mins)[6]	105	86	112	102	105	86	112
Heat-Up Time Both Immersions (mins)[6]	117	121	112	105	117	121	112
Secondary Return (Y or N)	N	N	N	Y	Y	Y	Y
Connections	All connections accept 22mm outside diameter pipe (compression nuts and olives supplied). Thread rate is ¾" BSP Male parallel to accept standard ¾" BSP Female fittings if required						

[1] at 3 bar inlet pressure

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

[3] Tested to EN12897:2016 + A1:2020

[4] @15 l/min

[5] 15 l/min at 80°C +/- 2°C

[6] Heat up time from 10°C to 60°C

Components

The following components are supplied as standard with Megaflo Eco Solar PV Ready cylinder:

- Combination valve (including pressure reducing valve, pressure relief valve, check valve and isolating valve).
- Tundish.
- 2 port zone valve (indirect only).
- Wiring centre (indirect only).
- T&P relief valve insulation set.
- Drain valve.
- Solar iBoost+ Sender unit (batteries included).
- Solar iBoost+ current clamp.
- Solar iBoost+ Buddy (with power supply).

Megaflo Eco Plus

Residential range



The Megaflo Eco Plus Residential range builds on Megaflo Eco to deliver significantly higher performance levels for more demanding applications, for example in larger homes with a number of bathrooms.

The Eco Plus range also includes 400L-1000L Indirect cylinders, which may be more suited to commercial applications (see page 26 for Commercial range).

Features	Benefits
Large high-performance coil heat exchanger in Indirect models	Rapid heat recovery
Titanium heating elements on Direct models	Longer lasting and durable
60mm of polyurethane foam insulation	Excellent heat retention
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank*	For peace of mind

*T&Cs apply – please refer to the website for more information.

Specifications

Part Number	95050700	95050701	95050710	95050711
Description	**250dddd**	**300dddd**	**250i**	**300i**
Nominal Capacity (l)	250	300	250	300
Height (mm)	1737	2052	1737	2052
Diameter (mm)	579	579	579	579
Empty Weight (kg)	50	57	59	66
Full Weight (kg)	300	357	309	366
ERP Rating	C	C	C	C
Standing Heat Loss (kW/h per 24hr)	1.97	2.28	1.82	2.11
Coil Heat-Up Time (mins) [1]	N/A	N/A	39.0	44.4
Coil Rating (kW)[2]	N/A	N/A	20.8	22.5
Primary Coil Pressure Drop (bar)	N/A	N/A	0.02	0.02
Number of Immersions (qty)	4	4	1	1
Immersion Heater Rating (kW)	3	3	3	3
Heat-Up Time Max Immersion (mins) [3]	65.6	78.7	-	-
Secondary Return (Y or N)	N	N	Y	Y
Connections	Cold inlet and hot outlet are 1" BSP male connections to fit 28mm pipe. Primary Flow and Return are ¾" BSP to fit 22mm pipe.			

[1] @15l/min. Coil heating performance based on a primary flow temperature of 80°C +/- 2°C. Tested to BS EN 12897:2016

[2] @15l/min

[3] Times based on nominal volume and 45°C temperature rise

Components

The following components are supplied as standard with Megaflo Eco Plus cylinder:

- Pressure Reducing Valve
- Pressure Relief Valve
- T&P Relief Valve Insulation Set
- Drain Valve
- Tundish
- Wiring Centre
- 2-Port Motorised Valve (Indirect Units only)
- 24L Expansion Vessel

Megaflo Eco Plus

Commercial range

Engineered for more demanding commercial applications, the Megaflo Eco Plus Commercial range builds on Megaflo Eco's proven technology to deliver exceptional performance and a consistent supply of hot water.



Features	Benefits
Large high-performance coil heat exchanger in Indirect models	Rapid heat recovery
Titanium heating elements on Direct models	Longer lasting and durable
60mm of polyurethane foam insulation	Excellent heat retention
KIWA approved	Complies with Water Regulation 4 and Building Regulation G3
2 year warranty as standard and 30 years on the inner stainless-steel tank*	For peace of mind

*T&Cs apply – please refer to the website for more information.

Megaflo Eco Plus Flexistor



The Flexistor cylinders can be used in a whole host of applications – including installations requiring buffer vessels. This flexibility will also allow the specifier or installer to choose a Flexistor unvented kit to match their requirements if necessary.

Features, such as bosses to accommodate immersion heaters, the all Flexistor cylinders are fitted with flow and return connections to facilitate various heat sources, such as a heat pump via a plate to plate heat exchanger.

Features	Benefits
400 - 1000 litre capacities available	Ideal for large residential and commercial applications
100mm of CFC/HCFC-free injected foam	Optimum heat retention and energy efficiency
High performance coil heat exchanger	Rapid heat recovery times
3.5 bar operating pressure	High performance delivery of hot water
Manufactured from marine grade 2205 duplex stainless steel	For longer life and corrosion resistance in the commercial environment
30 year warranty* in commercial applications	Installer and end user peace of mind

*T&Cs apply – please refer to the website for more information.

Megaflo Commercial



Designed for instances of continuous or substantial demand such as hotels, leisure centres, office blocks and shopping malls, when there's often a need for lots of hot water very quickly, without loss in performance.

Megaflo Commercial cylinders provide large scale, commercial capacity and fast flow rates to satisfy even the highest demands. Supplied with all necessary valves and expansion vessel.

Features	Benefits
True operating pressures of 6 and 10 bar	Negates the need for pressure breaks, delivers high performance and peace of mind
Legionella protection	Meets the recommendations of HSE document L8 and aids compliance of HTM04-01 with up to two inspection ports as standard and optional stratification loop kit. Designed to ensure no deadlegs
High technology super performance coils or choice of electric elements up to 90kW	Industry leading heat recovery times al the way up to 2,500 litres
Available in Indirect, Flexistor, Solar & Buffer models	Caters for a wider range of requirements
30 year warranty* in commercial applications	Installer and end user peace of mind

*T&Cs apply – please refer to the website for more information..

Megaflo Commercial Flexistor



The new Flexistor cylinders can be used across a range of installations – including those requiring buffer vessels. This flexibility will also allow the specifier or installer to choose a Flexistor unvented kit to match their requirements if necessary.

Features, such as bosses to accommodate immersion heaters, the all Flexistor cylinder are fitted with flow and return connections to facilitate various heat sources, such as a heat pump via a plate to plate heat exchanger.

Features	Benefits
400 - 2500 litre capacities available	Ideal for large residential and commercial applications
100mm of CFC / HCFC-free injected foam	Optimum heat retention and energy efficiency
Wide choice of auxiliary elements from 6 - 54kW, providing up to 90kW of heating load	Appropriate to the installation
Manufactured from marine grade 2205 duplex stainless steel	For longer life and corrosion resistance in the commercial environment
30 year warranty* in commercial applications	Installer and end user peace of mind

*T&Cs apply – please refer to the website for more information.

Customer Support
(up to 300 litres)

Call us on 0344 871 1535 for any after sales enquiries.

Our opening times are:

Monday to Friday 8am till 6pm

Saturday 8:30am till 2pm

Sunday – Closed

Bank Holidays including Christmas and New Year: 8.30am to 2pm

Our nationwide network of highly skilled engineers are fully trained to service and repair our Megaflo cylinders. Their vans are well stocked with genuine parts, which are tested and approved for use in Megaflo cylinders, to ensure quality, reliability and safety. Our engineers are backed by our award-winning customer support centre.

Customer Support
(over 300 litres)

Baxi Customer Support are here to provide support of your Megaflo cylinder. Our customer contact centre is based in Warwick and we have a dedicated and skilled team on hand to help you.

Not sure if your product is in-warranty? Contact our team with your product's serial number and we will be able to advise you.

Call us on 0344 871 1535 for any after sales enquiries

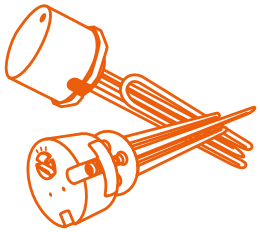
Genuine parts

Baxi Genuine Parts provide spares and replacements for Megaflo products.

This includes:

- Approved parts for Megaflo products
- Guaranteed quality, safety and reliability
- Nationwide network of approved stockists

Call our knowledgeable and helpful team on 0344 871 1540.



Find an Installer

Find an Installer is a tool hosted on the Baxi website that helps homeowners get in touch with Megaflo installers.

To take advantage of this great benefit, please join Baxi Works, **www.baxiworks.co.uk** and add your business details, including your G3 qualifications.

Then select that you would like to appear on Find an Installer, and consumers searching for a Megaflo Installer in your local area will automatically be provided with your contact details.



Specialist training

Do you need to get qualified or renew your G3 qualification to install unvented cylinders? Get in touch with our Baxi training team!

To book your training visit **www.baxi.co.uk/training** or call us on **0344 335 4207.**



megaflo

Please follow us online:

The Obvious Choice.

For sales enquiries please call

0344 871 1535

enquiries@megaflo.co.uk

megaflo.co.uk

Baxi Heating UK Limited is registered in England and Wales with company number 03879156 and registered office address Brooks House, Coventry Road, Warwick, CV34 4LL.

VAT registration number is 604665837.