



BY **HEATRAESADIA**

SMART HOT WATER  
SOLUTIONS

PRODUCT RANGE



**Megaflo.**

The power behind  
beautiful bathrooms  
and kitchens...





Today's modern lifestyles mean we all have greater demand for hot water and how we use it. At home and in the workplace, there's a growing need to service multiple users at the same time, whilst striving for greater performance and reliability that's affordable and low in environmental impact.





Driven by these needs our team at Heatrae Sadia launched the groundbreaking Megaflo cylinder back in 1989, and as our customers' needs have grown so has the Megaflo product family.

UK designed, engineered and manufactured, to exacting detail, Megaflo comes in over one hundred variants and with a lifetime warranty\*. Offering a product truly tailored around your individual needs.

*\*30 year warranty for commercial installations.*

Megaflo heats, stores and delivers water at mains pressure across multiple outlets in both homes and commercial buildings.

At home, Megaflo removes your need for an old-fashioned and unreliable hot water storage tank, replacing it with a streamlined, floor-mounted unit – flexible to a variety of installation locations.





Whether you're installing a new bathroom or kitchen, or simply updating in part, or designing a shower block for a sports centre, it's vital that you review your hot water system, to ensure it supports your modernised outlets. A beautiful kitchen or bathroom needs to have a hot water system that delivers; Megaflo is the power behind that performance.

We've engineered every piece of the Megaflo and we know at the heart of an efficient and reliable system is the use of premium materials alongside our intelligent design.

Our key design features mean Megaflo's cylinder is cool-to-the-touch and resistant to all forms of corrosion, even in aggressive water areas.

**Megaflo Eco** uses our innovative 'internal expansion system', keeping everything neat and contained within the cylinder casing.

All Megaflo models are designed for minimum heat loss and energy efficiency, in turn making your hot water system financially efficient too.







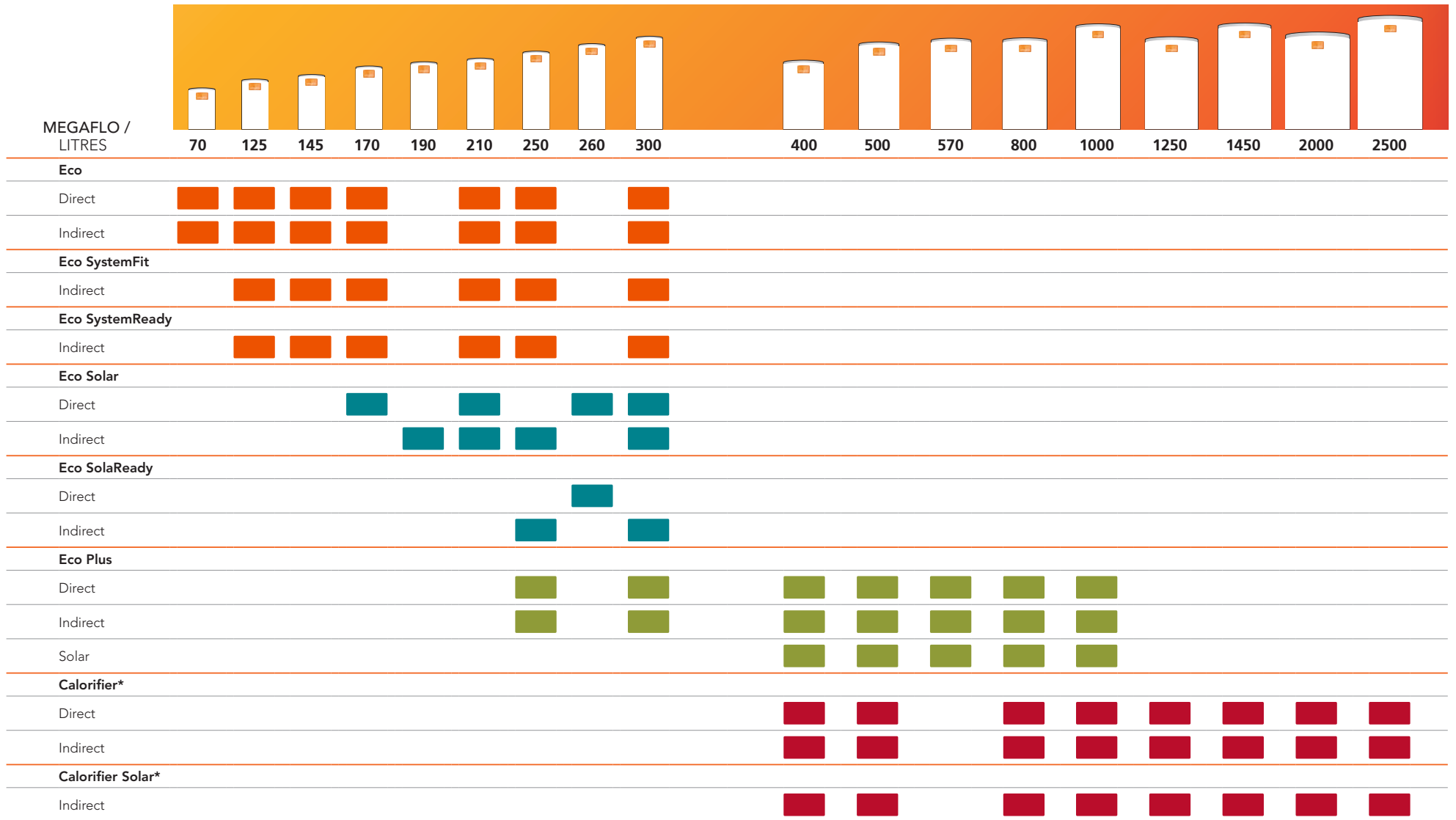
For the ultimate in environmental efficiency we have embraced solar technology with a range of panel kits to suit different applications.

Our Megaflo family offers options to suit the simplest of domestic needs to the more complex needs of commercial properties such as offices, shopping malls and leisure centres.

To find out more about Heatrae Sadia products visit our website at [heatraesadia.com](http://heatraesadia.com)



With a range extending to over one hundred variants that consider your personal needs and installation criteria, we are confident that we can help you find a Megaflo that delivers the ultimate in performance and reliability to your property.



\*6 and 10 bar options available





## MEGAFLO ECO

Compact and easy to install

The MegaFlo Eco range provides an abundance of hot water performance across your system.

### ECO

The internal expansion system keeps external pipework to a minimum, removing the need for a separate expansion vessel.

### ECO SYSTEMFIT

Factory-fitted plumbing and wiring for use with a heat only boiler, for speedy installation.

### ECO SYSTEMREADY

Provides the same benefits as the Eco SystemFit and is designed to be installed with a system boiler.



ECO SYSTEMFIT

ECO

ECO SYSTEMREADY



## MEGAFLO ECO SOLAR

Renewable technology

For the ultimate in environmental efficiency, MegaFlo Eco Solar cylinders are designed to work with solar panel technology. Our wide range of solar panel kits and fixings, combined with the MegaFlo Eco Solar, deliver our most energy efficient A+ rated system yet.

### MEGAFLO ECO SOLAR

With all the benefits of MegaFlo Eco, but designed to work with solar thermal collectors to keep running costs low.

### MEGAFLO ECO SOLAREADY

Solar thermal components are factory-fitted directly onto the cylinder for simpler, neater and more compact installation.

### MEGAFLO ECO PLUS SOLAR

Provides the same benefits as MegaFlo Eco Solar with the increased capacity and flow rates of the Plus range.



ECO SOLAR

ECO PLUS SOLAR

ECO SOLAREADY



## MEGAFLO ECO PLUS

Double the flow rate

### MEGAFLO ECO PLUS

Builds on Megaflö Eco by offering significantly larger capacity options, faster heat recovery times, doubling the flow rate. Direct and indirect solutions are available.



500 LITRE INDIRECT

250 LITRE INDIRECT

500 LITRE DIRECT



## MEGAFLO COMMERCIAL CALORIFIERS

Large scale needs

Designed for the most demanding applications such as hotels, leisure centres, office blocks and shopping malls, where there's often a need for lots of hot water very quickly, without loss in performance. The Megaflö Commercial calorifiers offer large scale, commercial capacity, heat recovery times and flow rates. Direct and indirect cylinders are available as well as twin coil solar options.



COMMERCIAL 2500

COMMERCIAL 500



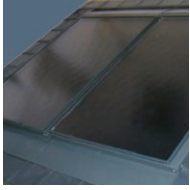
## MEGAFLO ACCESSORIES

### MEGAFLO SOLAR PANEL KITS

We appreciate that both commercial and domestic properties can vary widely in the size, aspect, mounting and number of solar panels needed. With this in mind we've developed on-roof, in-roof and A-Frame solar panels in both portrait and landscape formats with all their required fixings. You'll need to choose from the panel kits that match your cylinder as the MegaFlo Eco Solar and Eco Solar Plus have different panel kits to the MegaFlo Eco SolaReady.



ON-ROOF PANEL



IN-ROOF PANEL



A-FRAME PANEL

### MEGAFLO SHRU

The **MegaFlo** Shower Heat Recovery Unit (SHRU) recovers heat from shower waste water, reducing the amount of hot water needed for each shower. The MegaFlo SHRU can be added to any MegaFlo cylinder.







## MEGAFLO COMMERCIAL ACCESSORIES

### GENERAL ACCESSORIES

Megaflo Commercial calorifiers have a choice of optional extras to fit your needs. You can find more details on page 19 of this brochure.

### DIRECT CYLINDER CONTROL PANELS

If you need a large direct calorifier with on-board electrical controls, please contact our specification team on 01603 420220 for further details.

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### MEGAFLO PARTS AND FITTINGS

Depending on your property, you may need some small parts and fittings specific to your Megaflo setup.

You can find more details on parts and fittings alongside the accessories on pages 18 & 19 of this brochure.





## ORDERING GUIDES

### MEGAFLO ECO

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
70i	802	579	25	125	70	95:050:461
125i	1102	579	31	180	125	95:050:463
145i	1229	579	35	204	145	95:050:465
170i	1384	579	39	233	170	95:050:467
210i	1486	579	43	253	210	95:050:469
250i	1738	579	50	300	250	95:050:472
300i	2053	579	58	358	300	95:050:475
70d	802	579	23	123	70	95:050:460
125dd	1102	579	25	174	125	95:050:462
145dd	1229	579	31	200	145	95:050:464
170dd	1384	579	34	228	170	95:050:466
210dd	1486	579	38	249	210	95:050:468
210ddd	1486	579	40	251	210	95:050:480
210dddd	1486	579	42	253	210	95:050:476
250dd	1738	579	46	296	250	95:050:470
250ddd	1738	579	48	298	250	95:050:471
250dddd	1738	579	50	300	250	95:050:477
300dd	2053	579	56	356	300	95:050:473
300ddd	2053	579	58	358	300	95:050:474
300dddd	2053	579	60	360	300	95:050:478

### MEGAFLO ECO SYSTEMFIT

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
125sf S22	1102	579	43	183	125	95:050:450
145sf S22	1229	579	48	203	145	95:050:451
170sf S28	1384	579	52	234	170	95:050:452
210sf S28	1486	579	55	254	210	95:050:453
250sf S28	1738	579	61	297	250	95:050:454
300sf S28	2053	579	69	352	300	95:050:455

### MEGAFLO ECO SYSTEMREADY

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
125sb	1102	579	39	179	125	95:050:497
145sb	1229	579	44	199	145	95:050:498
170sb	1384	579	48	230	170	95:050:499
210sb	1486	579	51	250	210	95:050:500
250sb	1738	579	57	293	250	95:050:501
300sb	2053	579	65	348	300	95:050:502

### MEGAFLO ECO PLUS

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
250i	1737	579	59	309	250	95:050:710
300i	2052	579	66	366	300	95:050:711
400i	1502	861	105	505	400	95:050:712
500i	1802	861	110	610	500	95:050:713
570i	1977	861	115	685	570	95:050:714
800i	1914	1019	211	1011	800	95:050:721
1000i	2318	1019	219	1219	1000	95:050:722
250ddd	1737	579	50	300	250	95:050:700
300ddd	2052	579	57	357	300	95:050:701
400ddd	1502	861	95	495	400	95:050:702
500ddd	1802	861	100	600	500	95:050:703
570ddd	1997	861	105	670	570	95:050:704
800ddd	1914	1019	207	1007	800	95:050:723
1000ddd	2318	1019	215	1215	1000	95:050:724

### MEGAFLO ECO SOLAR

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
190si	1387	579	45.5	235.5	190	95:050:511
210si	1489	579	47.5	257.5	210	95:050:513
250si	1738	579	56.5	306.5	250	95:050:515
300si	2053	579	66.5	366.5	300	95:050:517
170sd	1229	579	37.8	207.8	170	95:050:527
210sdd	1489	579	42.5	252.5	210	95:050:512
260sdd	1802	579	47.3	307.3	260	95:050:528
300sdd	2053	579	61.5	361.5	300	95:050:516

### MEGAFLO ECO SOLAREADY

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
250si	1845	780	56.5	306.5	250	95:050:503
300si	2160	780	66.5	366.5	300	95:050:507
260sd	1909	780	47.3	307.3	260	95:050:508

### MEGAFLO ECO PLUS SOLAR

Product	H mm	W mm	Empty kg	Full kg	Capacity litres	Order Code
400si	1502	861	95	495	400	95:050:725
500si	1802	861	100	600	500	95:050:726
570si	1997	861	115	685	570	95:050:727
800si	1914	1019	171	971	800	95:050:728
1000si	2327	1019	195	1195	1000	95:050:729

A complete range of solar panels are available – see page 18.



### MEGAFLO COMMERCIAL INDIRECT

Product	H	W	Empty	Full	Order Code	
	mm	mm	kg	kg	6 Bar	10 Bar
400i	1535	872	105	555	95.050:540	95.050:570
500i	1804	872	110	610	95.050:541	95.050:571
800i	1906	1024	164	964	95.050:542	95.050:572
1000i	2301	1024	188	1188	95.050:543	95.050:573
1250i	1936	1224	319	1569	95.050:544	95.050:574
1450i	2253	1224	322	1872	95.050:545	95.050:575
2000i	2014	1470	445	2445	95.050:547	95.050:577
2500i	2419	1470	450	2950	95.050:549	95.050:579

### MEGAFLO COMMERCIAL DIRECT\*

Product	H	W	Empty	Full	Order Code	
	mm	mm	kg	kg	6 Bar	10 Bar
400d	1535	872	95	495	95.050:530	95.050:560
500d	1804	872	100	600	95.050:531	95.050:561
800d	1906	1024	153	953	95.050:532	95.050:562
1000d	2301	1024	178	1178	95.050:533	95.050:563
1250d	1936	1224	297	1547	95.050:534	95.050:564
1450d	2253	1224	304	1754	95.050:535	95.050:565
2000d	2014	1470	415	2415	95.050:537	95.050:567
2500d	2419	1470	421	2921	95.050:539	95.050:569

\*Option to fit a second immersion heater, see page 19 for further details.

### MEGAFLO COMMERCIAL SOLAR

Product	H	W	Empty	Full	Order Code	
	mm	mm	kg	kg	6 Bar	10 Bar
400si	1651	872	138	588	95.050:550	95.050:580
500si	1804	872	138	638	95.050:551	95.050:581
800si	1906	1024	207	1007	95.050:552	95.050:582
1000si	2301	1024	233	1233	95.050:553	95.050:583
1250si	1936	1224	339	1589	95.050:554	95.050:584
1450si	2253	1224	347	1847	95.050:555	95.050:585
2000si	2014	1470	465	2465	95.050:557	95.050:587
2500si	2419	1470	471	2950	95.050:559	95.050:589

\*Not supplied with unvented kits, these must be ordered separately.





## ACCESSORIES ORDERING GUIDES

### MEGAFLO ECO SOLAR THERMAL KITS

Kits contain all the required components including: A-Frame, Mounting Rails and Brackets, Solar Pump Station, Expansion Vessel, Controller, Glycol Fluid, Connecting Hoses.

In-roof / Slate portrait (2m <sup>2</sup> )	Order Code	On-roof Slate or tile portrait	Order Code
1 panel	7210465	1 panel	7210449
2 panel	7210466	2 panel	7210450
3 panel	7210467	3 panel	7210451
In-roof / Slate portrait (2.5m <sup>2</sup> )		On-roof Slate or tile landscape	
1 panel	7210468	1 panel	7210452
2 panel	7210469	2 panel	7210453
3 panel		3 panel	7210454
In-roof / Slate landscape (2m <sup>2</sup> )		Flat roof A-frame system portrait	
1 panel	7210470	1 panel	7210473
2 panel	7210471	2 panel	7210474
3 panel	7210472	3 panel	7210475
In-roof / Tile portrait (2m <sup>2</sup> )		Flat roof A-frame system landscape	
1 panel	7210455	1 panel	7210476
2 panel	7210456	2 panel	7210477
3 panel	7210457	3 panel	7210478
In-roof / Tile portrait (2.5m <sup>2</sup> )		Evacuated tubes flat portrait	
1 panel	7210458	20 tube	7210524
2 panel	7210459	30 tube	7210525
In-roof / Tile landscape (2m <sup>2</sup> )		Evacuated tubes building façade portrait	
1 panel	7210460	20 tube	7210532
2 panel	7210461	30 tube	7210534
3 panel	7210464		

Additional accessories and fittings	Order Code
6 x 22mm high temperature pipe compression fittings MALE	5122762
6 x 22mm high temperature pipe compression fittings FEMALE	5122763
2 x 22mm high temperature pipe compression fittings – TEE	5122764
30m flexible stainless steel pipe kit	5122238
Fernox S1 solar fluid suitable for tubes or panels	5119549
Electric fluid filling pump	5130234
13m solar sensor wire	5122237
Immersion heater relay	5122765
Refractometer antifreeze test kit	5119559
Thermostatic blending valve for cylinder outlet	720223301
Mechanical flowmeter	84515064
Solar safety valve discharge vessel	720294601
10 tube extension for 20 tube slate / tile kit	5130243
10 tube east / west array kit	5122980
1 panel On-roof portrait 2m <sup>2</sup> east / west array	720835001
1 panel On-roof landscape 2m <sup>2</sup> east / west array	720835201
1 panel In-roof portrait 2m <sup>2</sup> east / west array – tile	720835401
1 panel In-roof landscape 2m <sup>2</sup> east / west array – tile	720835601
1 panel In-roof portrait 2m <sup>2</sup> east / west array – slate	720888001
1 panel In-roof landscape 2m <sup>2</sup> east / west array – slate	720888201
1 panel In-roof portrait 2.5m <sup>2</sup> east / west array	720835801
1 panel In-roof landscape 2.5m <sup>2</sup> east / west array	720888401

### MEGAFLO ECO SOLAREADY ROOF KITS

Kits contain all the required components including: A-Frame, Mounting Rails and Brackets, Solar Pump Station, Expansion Vessel, Controller, Glycol Fluid, Connecting Hoses.

2 panel Portrait on-roof 2m <sup>2</sup>
3 panel Portrait on-roof 2m <sup>2</sup>
2 panel Landscape on-roof 2m <sup>2</sup>
3 panel Landscape on-roof 2m <sup>2</sup>
2 panel Portrait in-roof 2m <sup>2</sup> Flat Concrete or profiled tiled roofs
3 panel Portrait in-roof 2m <sup>2</sup> Flat Concrete or profiled tiled roofs
2 panel Landscape in-roof 2m <sup>2</sup> Flat Concrete or profiled tiled roofs
3 panel Landscape in-roof 2m <sup>2</sup> Flat Concrete or profiled tiled roofs
2 panel Portrait in-roof 2m <sup>2</sup> Flat Clay (Rosemary) tiles or slates
3 panel Portrait in-roof 2m <sup>2</sup> Flat Clay (Rosemary) tiles or slates
2 panel Landscape in-roof 2m <sup>2</sup> Flat Clay (Rosemary) tiles or slates
3 panel Landscape in-roof 2m <sup>2</sup> Flat Clay (Rosemary) tiles or slates
2 panel Portrait in-roof 2.5m <sup>2</sup> Flat Concrete or profiled tiled roofs
2 panel Portrait A-Frame 2m <sup>2</sup>
3 panel Portrait A-Frame 2m <sup>2</sup>
2 panel Landscape A-Frame 2m <sup>2</sup>
3 panel Landscape A-Frame 2m <sup>2</sup>
20 tube Evacuated Tube System Pitched roof
30 tube Evacuated Tube System Pitched roof
20 tube Evacuated Tube System Flat roof
30 tube Evacuated Tube System Flat roof
20 tube Evacuated Tube System Building Façade
30 tube Evacuated Tube System Building Façade

### MEGAFLO SHRU

Product	Overall Length	Diameter	Weight	Order Code
	mm	mm	kg	
SHRU	2375	42	5	95:060:005

Overall length includes compression fittings and T-piece with cap insert.

### MEGAFLO ECO SYSTEMREADY

Accessories	Order Code
Danfoss TP5000 room programmer	95:970:014
Danfoss TP9000 room programmer	95:970:015
Sunvic 3 channel programmer (Select 307XLS)	95:970:013
Optional boost immersion heater pack (for 210i, 250i and 300i)	95:970:554



**MEGAFLO COMMERCIAL ACCESSORIES**

**Order Code**

De-stratification loop kit 450-500L	95:970:140
De-stratification loop kit 800-1450L	95:970:157
De-stratification loop kit 2000-2500L	95:970:158
Temperature Gauge	95:970:141
Pressure Gauge	95:970:142

**MEGAFLO COMMERCIAL IMMERSION HEATERS**

This range of single and three phase immersion heaters can deliver virtually any electrical input requirement up to 90kW.

**Order Code**

Single phase 6kW immersion heater	95:970:155
Single phase 9kW immersion heater	95:970:156
Three phase 12kW immersion heater	95:970:144
Three phase 18kW immersion heater	95:970:145
Three phase 24kW immersion heater	95:970:146
Three phase 30kW immersion heater	95:970:147
Three phase 36kW immersion heater	95:970:148
Three phase 45kW immersion heater	95:970:149
Three phase 54kW immersion heater	95:970:150

**MEGAFLO COMMERCIAL DIRECT CYLINDER CONTROL PANELS**

If the requirement is for a large direct calorifier with on-board electrical controls Megaflo Commercial can satisfy that need.

Contact our specification team on 01603 420220 for further details.



BY **HEATRAESADIA**

Shouldn't you insist on MegaFlo?

## SMART HOT WATER SOLUTIONS

### SPECIFICATION ADVICE HOTLINE

t | 01603 420220 e | [specifier@heatraesadia.com](mailto:specifier@heatraesadia.com)

w | [heatraesadia.com](http://heatraesadia.com)

### AFTER SALES SERVICE

t | 0344 871 1535 e | [megaflo-service@heateam.co.uk](mailto:megaflo-service@heateam.co.uk)

w | [heatraesadia.com/aftersales](http://heatraesadia.com/aftersales)



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\*excluding Christmas Day and New Year's Day

### PRODUCT RANGE

Sales and specification information is available for all of our products. To support our corporate responsibility and sustainability charters, and reduce the amount of printed material that we produce, we encourage you to download product brochures from our website.

In designing these files we have taken into account the need to access data on screen.

If you would like to receive a printed copy of our full product catalogue please call our literature hotline on 01603 420127.

Heatrae Sadia may introduce modifications to their products from time to time.

Consequently, the details given in this brochure are subject to alteration without notice.

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