



Stainless Steel Storage Calorifiers 440L to 10,000L

440L–10000L



Bespoke British manufactured stainless steel storage calorifiers for commercial and industrial hot water.

World Heat Cylinders manufacture bespoke storage calorifiers for reliable, efficient bulk hot water in commercial and industrial buildings, each one engineered to the project's specification.

All of our vessels are manufactured under a BSI audited ISO 9001 certified quality management system in our purpose built manufacturing facility in Manchester.

Key features

- Bespoke capacity, coil, connections and pressures
- Plain tube coils or removable finned tube heating batteries
- Steam, HTHW, MTHW, LTHW and heat pump primary heat sources
- Inspection openings of 250mm, 350mm or 450mm
- High density polyurethane injection insulation
- Built to BS 853 where required, and the Pressure Equipment Directive
- WRAS approval on products up to 6,000 litres
- ErP compliant up to 2,000 litres (self-certified)
- ISO 9001 quality management, audited by BSI

Storage Calorifiers Stainless steel storage calorifiers

Model		440 SSCAL	550 SSCAL	700 SSCAL	800 SSCAL	900 SSCAL	1000 SSCAL	1200 SSCAL	1350 SSCAL	1500 SSCAL	1800 SSCAL	2000 SSCAL	2300 SSCAL
Nominal capacity (litres)		440	550	700	800	900	1000	1200	1350	1500	1800	2000	2300
Height (mm)		1800	1700	1750	1950	2000	1950	2100	2350	1950	2300	2500	2400
Diameter (mm)		600	675	750	750	800	850	900	900	1050	1050	1050	1150
Approximate weight (kg)	Empty	250	260	280	300	335	340	395	420	500	565	600	640
	Maximum working pressure	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)	6.7 Bar (design)
	Test pressure	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar
Insulation type		Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent	Polyurethane (PU) insulation with CO2 blowing agent
ODP of insulation		0	0	0	0	0	0	0	0	0	0	0	0



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Storage Calorifiers Stainless steel storage calorifiers (continued)

Model	440 SSCAL	550 SSCAL	700 SSCAL	800 SSCAL	900 SSCAL	1000 SSCAL	1200 SSCAL	1350 SSCAL	1500 SSCAL	1800 SSCAL	2000 SSCAL	2300 SSCAL
GWP of insulation	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5
Supply lead time	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks	≤ 500 L: 4 to 6 Week-s; 501 – 1,000 L: 6 to 8 Week-s; 1,001 – 2,000 L: 6 to 8 Week-s; > 2,000 L: 8 to 10 Weeks
	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.	Lead times are live information and change. Shown as at 17 October 2026. Please check current lead times with World Heat sales on 0161 343 8610.
Lead time information												

Model		2500 SSCAL	3000 SSCAL	3500 SSCAL	4000 SSCAL	4500 SSCAL	5000 SSCAL	6000 SSCAL	7000 SSCAL	8000 SSCAL	9000 SSCAL	10000 SSCAL
Nominal capacity (litres)		2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
Height (mm)		2450	2900	2700	3050	3400	3200	3800	3300	3700	4200	4600
Diameter (mm)		1200	1200	1350	1350	1350	1450	1450	1680	1680	1680	1680
Approximate weight (kg)	Empty	685	985	1025	1135	1240	1245	1460	1830	2050	2230	2490
	Maximum working pressure	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)	6.7 Bar (design-n)
	Test pressure	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar	10.0 Bar
Insulation type		Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent	Polyur-ethane (PU) insulation with CO2 blowing agent
ODP of insulation		0	0	0	0	0	0	0	0	0	0	0



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Storage Calorifiers Stainless steel storage calorifiers (continued)

Model	2500 SSCAL	3000 SSCAL	3500 SSCAL	4000 SSCAL	4500 SSCAL	5000 SSCAL	6000 SSCAL	7000 SSCAL	8000 SSCAL	9000 SSCAL	10000 SSCAL
GWP of insulation	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5	Less than 5
Supply lead time	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;	≤ 500 L: 4 to 6 Weeks;
	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;	501 – 1,000 L: 6 to 8 Weeks;
Lead time information	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;	1,001 – 2,000 L: 8 to 10 Weeks;
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* Dimensions are for general information: a fully detailed drawing is produced for each order

** Galvanised mild steel calorifiers and bespoke sizes available on request

*** All pictures shown are for illustration purposes only



**MADE IN
MANCHESTER**

