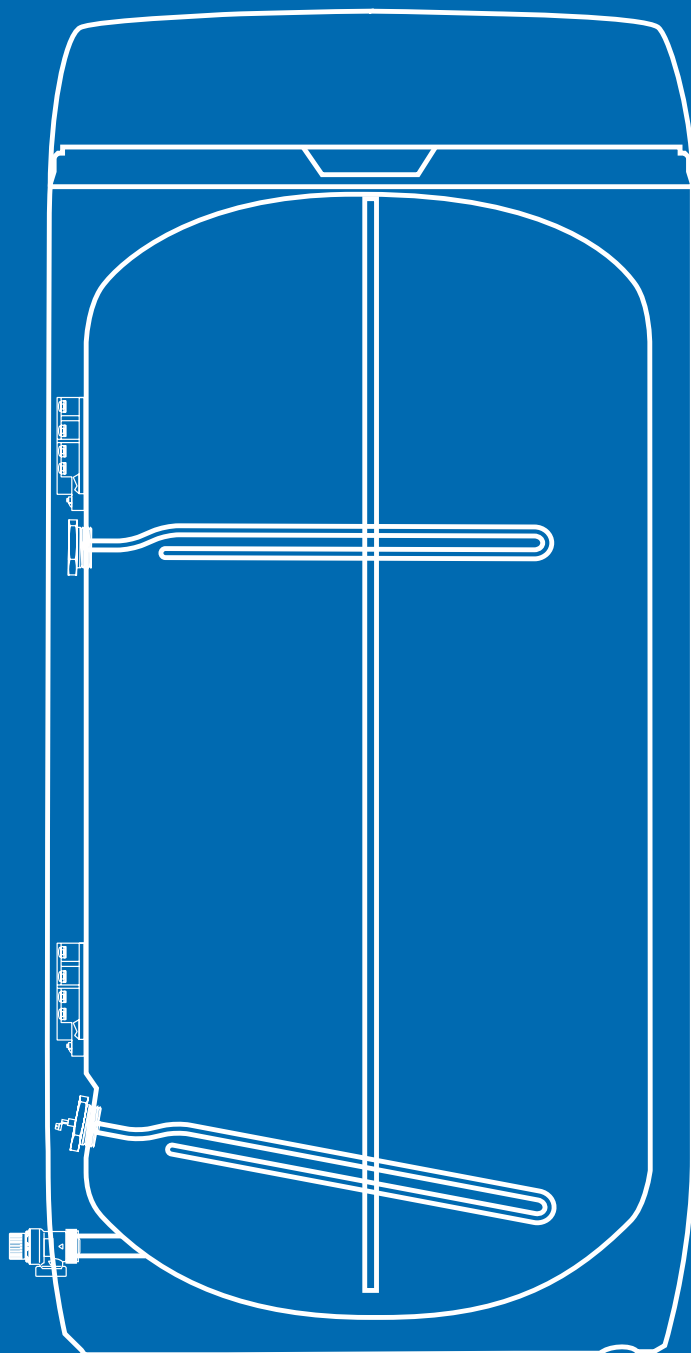
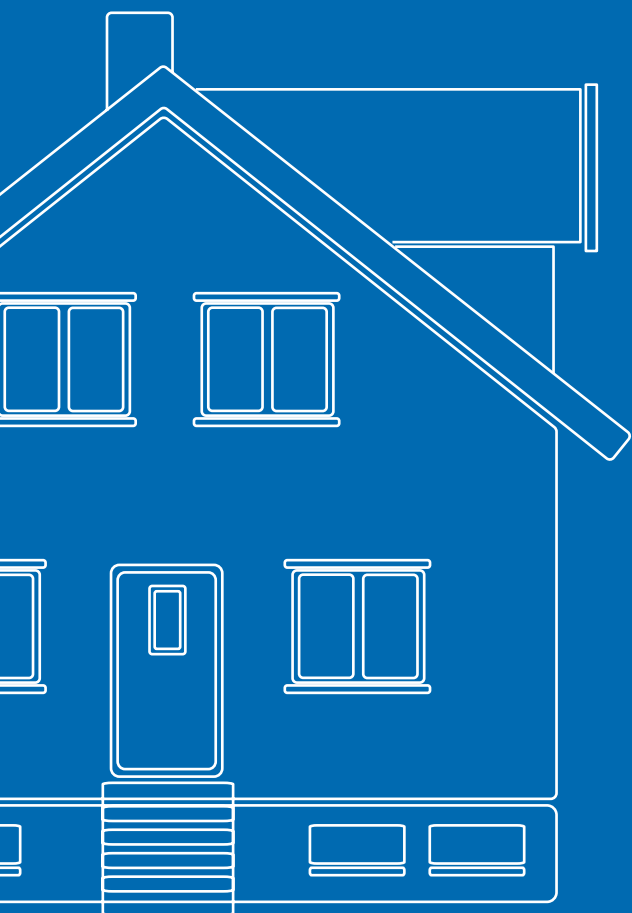


Product catalogue Domestic



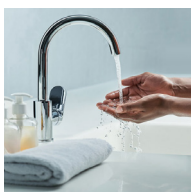
BENEFITS

Our stainless steel water heaters are in a class of their own when it comes to lifetime economy. Made in Norway by the family business OSO Hotwater since 1932.



WORLD LEADING QUALITY

Produced in Norway since 1932 by the family business OSO Hotwater.



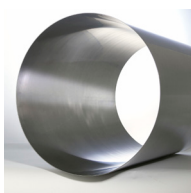
MOST WARM WATER

15% more hot water than others with smart solutions.



UNIQUE INSULATION

The market's best insulated boilers save approx. 500 kWh/year.



STRONGER

OSO withstands more with EVERLAST™ steel and ULTRAWELD™ technology.



TOUGHER

Maximum durability in calcareous water with INCOTEC™ heating elements.



ENVIRONMENTALLY FRIENDLY

Large resource savings and minimal environmental impact with a 25-year lifespan.



CERTIFIED AND DEDICATED

ISO 9001 / 14001 / 45001 / 3834-2 certified for increased safety.

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WHY OSO?

QUALITY

For over 50 years, we have perfected the stainless water heater. The optimal combination of high-alloy materials, automated production and intelligent solutions means that our products last longer.

EFFICIENCY

We design for minimal heat loss and maximum efficiency, without making compromises, which make our customers' heat system extremely cost-effective.

WARRANTY

We stand behind our products 100%. That is why we offer our customers upto 25 years warranty* on the stainless pressure tank.

**conditions apply*

THE WATER HEATING COMPANY



EUROPE'S LEADING PRODUCER OF STAINLESS STEEL

THE FOUNDATION

Founded in 1932 by Reidar Braathen sr., originally a lieutenant and blacksmith, Oslo Sveisebedrift became the first manufacturer of boilers in Norway. After only 10 years in operation, over 100 skilled employees worked at OSO. His ingenuity led to the development of the first stainless boilers in Europe in 1965. Since then, more than 4 million OSO boilers with outstanding life cycle economy have been delivered.

THE FUTURE

Today, OSO Hotwater is still a family business after three generations of continuous improvement of our products and processes, and we are proud of to represent Norway's most robotic production company. The founding spirit continued with constant product innovations, focus on material technology, increased corrosion resistance and added value for our customers. We are proud of contributing to value creation and jobs in Norway.



NG

HOT WATER HEATERS

SEE THE PRODUCTS [➔](#)

SUPER XPRESS - SX

Pre-plumbed



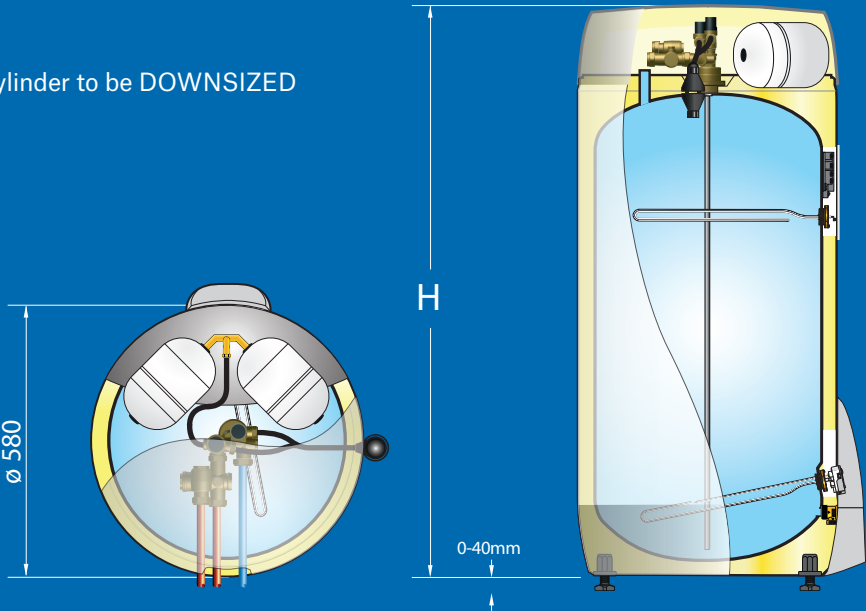
The SUPER XPRESS VIP is an electrically heated direct hot water unvented cylinder that has a unique pre-plumbed patented design making the installation quick and efficient; with concealed cable routing, integral concealed expansion vessels and all the pipework connections on top of cylinder hidden under a lid. SX has a 25 year warranty.

SX is insulated with award winning OSO Vacuum Insulation Panel (VIP) technology, ensuring reduced heat loss and energy consumption. SX has a lower SAP score than any other direct cylinder. In addition, the OSO SX has up to 20% higher hot water capacity than the competition, enabling a lower volume cylinder thus saving on both cost and energy usage. Downsizing also saves space and improves the already low heat loss figure, further helping with SAP/building regulations Part L compliance.

SX provides mains pressure hot water to all showers and outlets without the need of a pump.

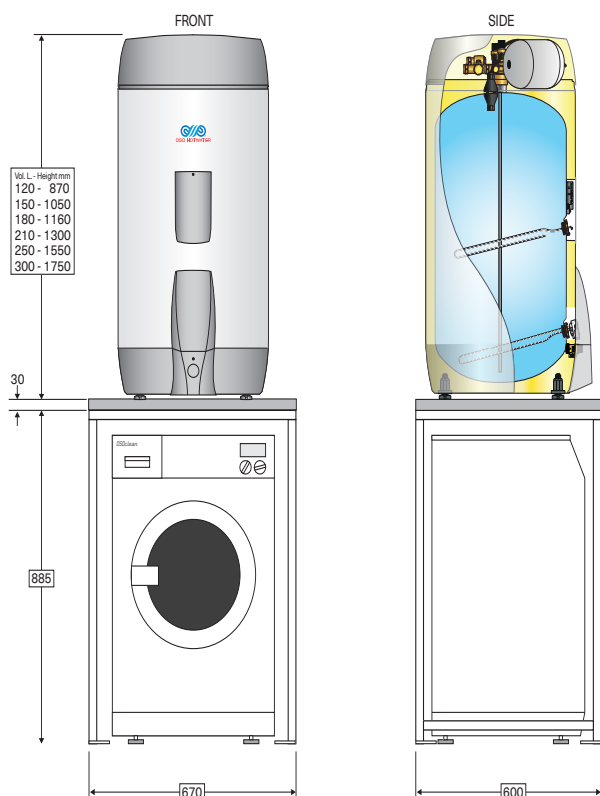
WHY SUPER XPRESS?

- 20% MORE HOT WATER than other cylinders enabling cylinder to be DOWNSIZED
- Downsizing reduces heat loss figure
- Integral expansion vessels
- Practically pre-plumbed unit
- Labour saving up to 70%
- Shortest cylinder system on the market
- Unique patented design with a 25 year warranty
- Pipes and cables hidden
- Fitting template provided
- Maintenance Friendly



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	V 40 L	Weight kg.	Dia x height mm.	Actual volume	Thermostat setting °C	Heat loss kWh/d	
1080 2661	SX 120 - 2.8 kW @ 230V / 3.0 kW @ 240V VIP	1,5	162	37	ø580x 870	111	65	0.96	
1080 2662	SX 150 - 2.8+ 2.8 kW @ 230V / 3.0+3.0 kW @ 240V VIP	2,5	254	42	ø580x1050	143	70	1.128	
1080 2663	SX 180 - 2.8+ 2.8 kW @ 230V / 3.0+3.0 kW @ 240V VIP	2,5	304	47	ø580x1160	164	70	1.224	
1080 2664	SX 200 - 2.8+ 2.8 kW @ 230V / 3.0+3.0 kW @ 240V VIP	3,5	323	52	ø580x1300	193	70	1.344	
1080 2665	SX 250 - 2.8+ 2.8 kW @ 230V / 3.0+3.0 kW @ 240V VIP	3,5	386	59	ø580x1550	242	70	1.388	
1080 2666	SX 300 - 2.8+ 2.8 kW @ 230V / 3.0+3.0 kW @ 240V VIP	4,5	463	65	ø580x1750	281	70	1.632	



Powersaver Dual bridges the gap between the bulky, aged electro-mechanical immersion controllers and the complicated 'bells & whistles' digital versions.

A set of pre-selectable programs are there to choose from- covering all of the low rate electricity tariffs, including Economy 7, Economy 10 & Eco 20:20 times. Turn the Installer Switch to the program of choice (refer to Installation and User Instructions) and times will be set. The review button allows ON/OFF times to be checked & there is automatic GMT/BST changeover.

There is a ½ hour, 1 hour & 2 hour boost function with a digital display countdown clock, allowing the user to clearly see boost times. There is also a programmable boost function for further end user convenience; this program is deliberately limited to a maximum of 2 hours, meaning expensive electricity is not being wasted during peak times.

Cylinder Volume	120	150	180	210	250	300
V40 @ & 70 °C	192	254*	304*	323*	386*	463*
V40 @ & 65 °C	162*	217	267	309	369	405
V40 @ & 60 °C	148	198	248	281	355	376

COMPONENTS

Mixing valve - Preset 60°C
 Thermostat - Adjustable 40-70°C - Preset 70°C
 immersion 3kW
 P&T safety valve 10 bar - 90-95°C
 Integrated G3 kit including:
 Expansion vessel 2 x 6L supplied factory fitted*
 Strainer
 PRV
 Expansion relief
 Drain cock
 Tundish

*not 300 L .1 vessel on 120L



	Heat loss W	Recovery time Min bottom element	Heat up time Min bottom element	Recovery time Min upper element	Heat up time Min upper element	Load Profile ErP	Efficiency %	AEC kWh/a	ErP Rating
	40	91	130	N/A	N/A	L	37.2	2752	C
	47	121	174	52	74	XL	37.6	4453	C
	51	141	201	71	101	XL	37.2	4499	C
	56	165	235	95	135	XL	37.8	4434	C
	62	208	297	92	132	XL	37.2	4507	C
	68	243	347	92	132	XL	37.3	4490	C

SUPER COIL - SC



Virtually pre-plumbed indirect cylinder for system Boilers



The SUPER COIL has a unique patented design making te installation quick and efficient. In conjunction with a System boiler the SUPER COIL becomes a part pre-plumbed cylinder.

Concealed wire routing, integral expansion vessels and all pipework connections on top of cylinder hidden under a lid give the SC a unique design within the market.

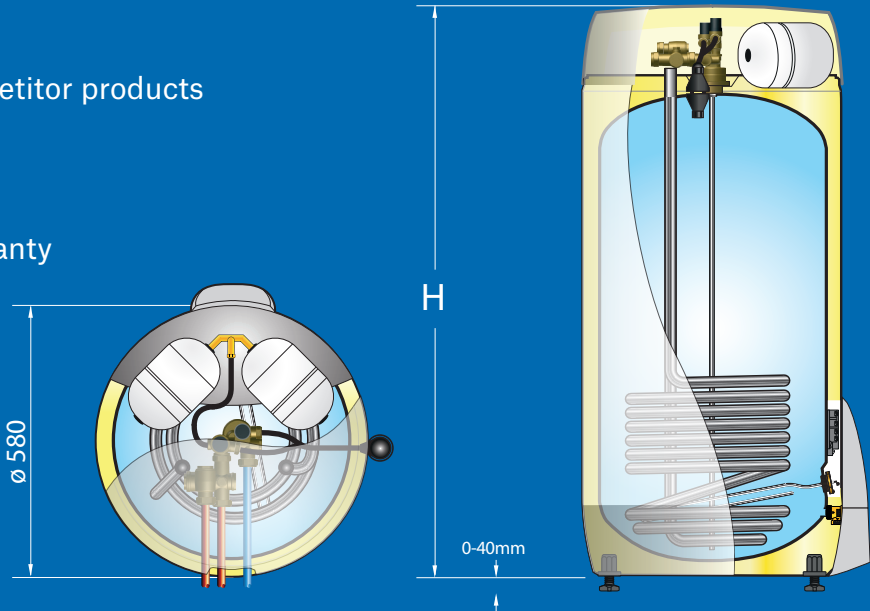
Smooth limescale resisting heating coil ensuring efficient heat transfer.

The SC comes standard with ultra grade INCOTEC immersion heater as back up which can be connected to Solar panels.

SC range to 210 litres can share a footprint with a washing machine using an additional washing machine frame

WHY SUPER XPRESS?

- Labour saving up to 70% compared to competitor products
- Pre-plumbed unit for system boiler
- Integral expansion vessels
- Shortest cylinder system in the market
- Unique space efficiency
- Unique patented design with a 25 year warranty
- Pipes and cables hidden
- Fitting template provided
- Maintenance friendly



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	V 40 L	Weight kg.	
1080 2951	SC 120 - 2.8 kW @ 230V / 3.0 kW @ 240V+coil 0,5m ²	1,5	148	32	
1080 2952	SC 150 - 2.8 kW @ 230V / 3.0 kW @ 240V+coil 0,8m ²	2,5	198	40	
1080 2953	SC 180 - 2.8 kW @ 230V / 3.0 kW @ 240V+coil 0,8m ²	3,5	248	43	
1080 2954	SC 200 - 2.8 kW @ 230V / 3.0 kW @ 240V+coil 0,8m ²	4,5	281	46	
1080 2955	SC 250 - 2.8 kW @ 230V / 3.0 kW @ 240V+coil 0,8m ²	5,5	355	49	
1080 2956	SC 300 - 2.8 kW @ 230V / 3.0 kW @ 240V+coil 0,8m ²	6,5	376	50	

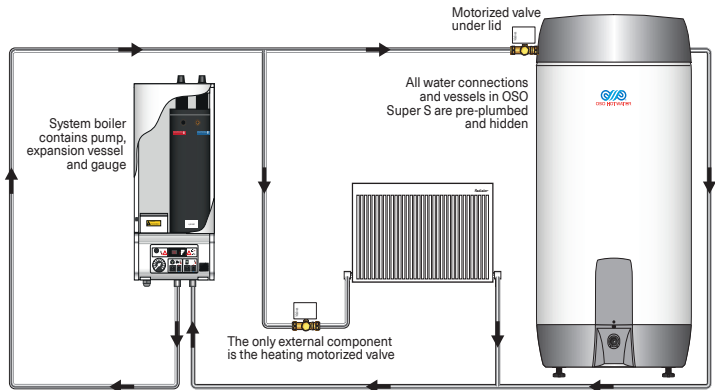


Illustration of System boiler with SC cylinder, requiring only an additional Motorised valve for heating circuit



COMPONENTS

- Mixing valve - Preset 60°C
- Thermostat - Adjustable 40-70°C - Preset 60°C
- Immersion 3kw
- P&T safety valve 10 bar - 90-95°C
- Integrated G3 kit including:
- 2 port zone valve (honeywell)
- Strainer
- PRV
- Expansion relief
- Drain cock
- Tundish
- Expansion vessel 2 x 6L supplied factory fitted*

*not 300 L .1 vessel on 120L



	Dia x height mm.	Actual volume l.	Thermostat setting °C	Heat loss kWh/d	Heat loss W	Coil rating kW	Recovery time Min.	Heat up time Min.	Rating ErP
	ø580x 870	109	60	1.06	44	13	19	28	B
	ø580x1050	142	60	1.30	54	16	21	29	B
	ø580x1160	163	60	1.46	61	17	24	34	C
	ø580x1300	190	60	1.61	67	17	27	39	C
	ø580x1550	239	60	1.92	80	17	34	48	C
	ø580x1750	277	60	2.13	89	17	38	54	C

DELTA COIL - DC

Full range A-rated Indirect cylinder - Ideal for all boilers



DELTA series is the most efficient hot water cylinder available, utilising unique Vacuum Panel Insulation and is the only full range of ErP* A-rated cylinders available from 150 - 300 L. DELTA series can save enough energy to pay for the entire cylinder over its lifetime.

DELTA COIL—DC is elegant and functional in its design, and is compatible with all boilers

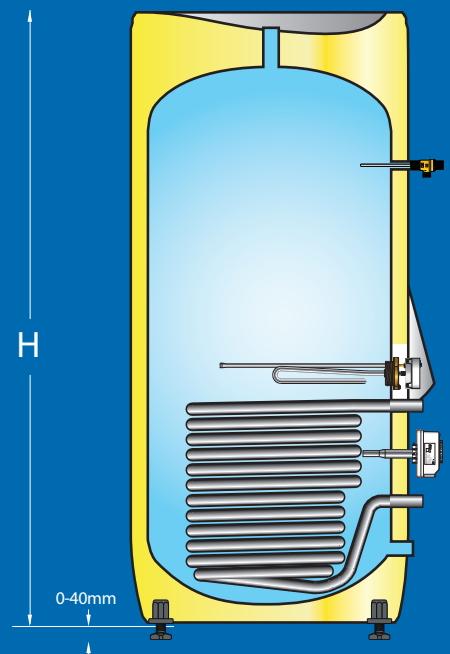
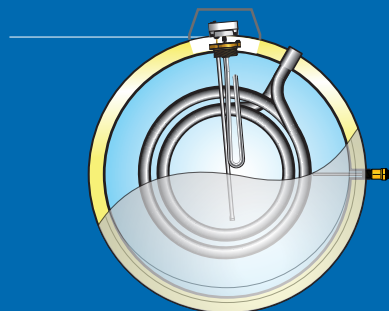
The DC units can be controlled either via its own thermostat or using a thermistor probe. DELTA uses a high performance fully flooded design, with separate expansion vessel, and an ultra-grade INCOTEC immersion heater as back-up above the heating coil, providing maximum operational safety. A complete set of inlet control valves comes standard. DELTA COIL is also supplied with a digital thermostat compatible with both S & Y plan systems which displays the water temperature

WHY DELTA COIL?

- Reduce heat loss by 400 kWh**/year with NANOPUR and VIP*
- ErP "A" rating and the most efficient cylinder on the market
- Helps housebuilders achieve SAP energy requirements
- 25 year warranty on the stainless steel tank
- Smooth scale resistant coil
- Delta has holiday and anti-legionella functionality.

COMPONENTS

Immersion th.stat	Adjustable 20-70°C - Preset 60°C
Cylinder th. stat	Electronic dual cylinder thermostat
T&P relief valve	10 bar - 90-95°C
G3 kit	Strainer/PRV/exp. relief/drain cock/tundish
Motorized valve	Honeywell V4043H1056C
Expansion vessel	12-24 L supplied
Appliance feet	Adjustable - Factory fitted



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	Weight kg.	Dia x height mm.	Actual volume	Coil rating W	Heat loss kWh/d	Heat loss W	Temp. setting °C	Recovery time Min.	Heat up time Min.	Rating ErP
1020 1400	DC 150 - 3kW/1x240V+HX 0,8m ²	2,5	40	ø595x1005	145	17	0.94	39	60	17	24	A
1020 1600	DC 210 - 3kW/1x240V+HX 0,8m ²	4,5	44	ø595x1270	194	17	1.03	43	60	22	32	A

DELTA GEOCOIL - DGC

Full range A-rated Indirect cylinder - Designed for heat pumps



DELTA GEO series is the most efficient heat pump cylinder available, utilising unique Vacuum Panel Insulation and is the only range of ErP* A-rated heat pump cylinders available from 200 - 300 L.

DELTA series can save enough energy to pay for the entire cylinder over its lifetime.

DELTA GEOCOIL—DGC is ideal for domestic hot water production from heat pumps up to 10 kW (200 L / 1,4m².) or 15 kW (250 L and 300 L / 1,8m²). DGC can also be fitted with gas or oil boilers for super fast heat up times.

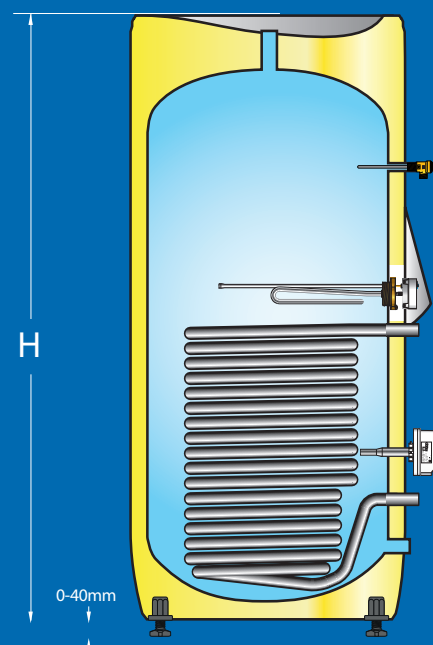
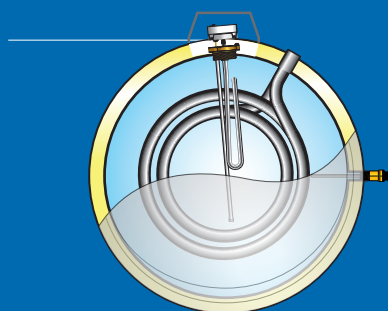
The DGC units can be controlled either via its own digital thermostat or using thermistor probe(s). Compatible with S & Y plan systems.

WHY DELTA GEOCOIL - DGC

- Reduce heat loss by 400 kWh*/year with NANOPUR and VIP**
- Helps housebuilders achieve SAP energy requirements
- Ultra-grade INCOTEC immersion heater as booster above the heating coil, raising the DHW temperature to increase capacity.
- 25 year warranty on the stainless steel tank
- Smooth scale resistant coil
- Delta has holiday and anti-legionella functionality.

COMPONENTS

Immersion th.stat	Adjustable 20-70°C - Preset 60°C
Cylinder th. stat	Electronic dual cylinder thermostat
T&P relief valve	10 bar - 90-95°C
G3 kit	Strainer/PRV/exp. relief/drain cock/tundish
Motorized valve	Honeywell V4043H1056C
Expansion vessel	18,24 L supplied
Appliance feet	Adjustable - Factory fitted



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	Weight kg.	Dia x height mm.	Actual volume	Coil Rating	Heat loss W	Heat loss kW/h	Recovery time Min.	Rating ErP
1022 1600	DGC 200 - 3kW/1x240V+HX 1,4m ²	2,5	57	ø595x1270	191	26	43	1.03	14.6	A
1022 1800	DGC 300 - 3kW/1x240V+HX 1,8m ²	3,5	67	ø595x1750	279	32	49	1.18	18.3	A

DELTA POWERCYL - DCF



Indirect - Ultimate energy efficiency and maximum flow rate



DELTA POWERCYL -1" hot and cold DHW connections allow for Delta Powercyl to achieve considerably higher flow rates(Up to 80 litres / minute) when compared with a cylinder with ¾ connections. Delta Powercyl is the ideal choice for larger domestic and semi commercial applications and benefits from having an adjustable PRV. Expansion vessels are also larger to accommodate the increased volume of thermal expansion.

DFC is a perfect partner to the SUPERSTREAM system where mains flow rates are insufficient. DELTA series is the most efficient hot water cylinder available utilising unique Vacuum Panel Insulation.

DELTA series can save enough energy to pay for the entire cylinder over its lifetime.

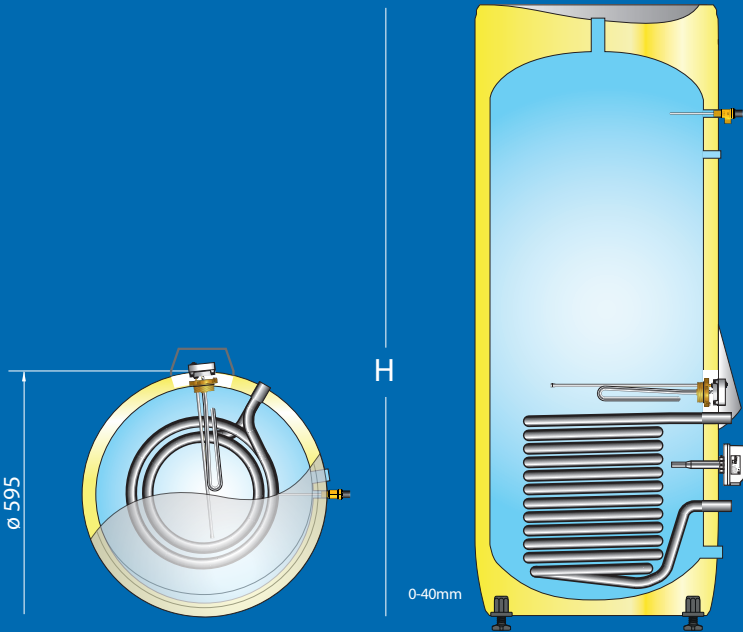
DELTA POWERCYL can be controlled either via using a thermistor probe or its own digital thermostat with digital display of water temperature.

WHY DELTA POWERCYL?

- 1" connections for high flow rates
- Reduce heat loss by 400 kWh*/year with NANOPUR and VIP*
- Helps housebuilders achieve SAP energy requirements
- 25 year warranty on the stainless steel tank
- Smooth scale resistant coil
- Delta has holiday and anti-legionella functionality.

COMPONENTS

Immersion th.stat	Adjustable 20-70°C - Preset 60°C
Cylinder th. stat	Electronic dual cylinder thermostat
T&P relief valve	10 bar - 90-95°C
G3 kit	Strainer/PRV/exp. relief/drain cock/tundish
Motorized valve	Honeywell V4043H1056C
Expansion vessel	24 - 35 L supplied
Appliance feet	Adjustable - Factory fitted



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	Weight kg.	Dia x height mm.	Actual Volume L	Coil rating W	Heat loss W	Heat Loss kWh/d	Recovery time Min.	Heat up time Min.	Temp. setting °C	Rating ErP
1023 1800	DCF 300 - 3kW/1x240V+HX 0.8m ²	5.5	58	ø595x1750	284	32	49	1.18	18	26	60	A

SLIMLINE - RI

Indirect domestic cylinder for installation in tight spaces



SLIMLINE is the slimmest domestic cylinder available at only 430 mm diameter, making the cylinder ideal for installation in tight spaces. The cylinder has a large heating coil for fast heating and also back-up electric heating from an immersion heater. Low heat loss comes from utilising unique Vacuum insulation Panel technology with NANOPUR insulation. High flow rates provide powerful showers.

The cylinder is floor mounted and is supplied with a wall bracket for stabilization. An external expansion vessel is supplied, complete with its own wall bracket.

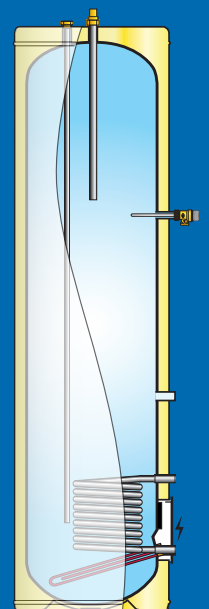
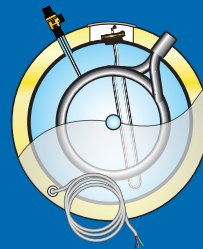
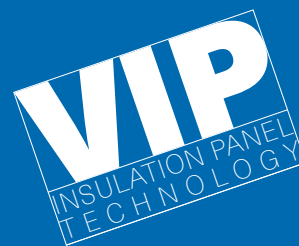
SLIMLINE is easy to fit and follows a similar installation technique to the OSO Delta and Ecoline cylinders. Heating coils in OSO cylinders are made of smooth coil that will not encourage lime-scale deposits and offer longer and more efficient life than finned or rippled coils. OSO coils have increased length compared to finned coils, carry more heating fluid and therefore have a greater heat transfer capacity.

WHY SLIMLINE?

- It is the slimmest domestic cylinder available at only 430 mm
- Reduce heat loss by 300 kWh**/year with NANOPUR and VIP
- Smooth scale resistant coil
- 25 year warranty on the stainless steel tank

COMPONENTS

Thermostat Adjustable 40-70°C - Preset 65°C
 P&T safety valve 10 bar - 90-95°C
 Integrated G3 kit Strainer/PRV/exp. relief/drain cock/tundish
 Expansion vessel Supplied, incl. wall bracket
 Stability bracket Stainless steel - included



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	Weight kg.	Dia x height mm.	Actual Volume L	Coil rating W	Heat Loss kWh/d	Heat loss W	Recovery time Min.	Heat up time Min.	Temp. setting °C	Rating ErP
1326200	RI 150 - 2kW/1x240V+coil 0.7m ²	2.5	46	ø430x1610	141	17	1.82	76	17	24	60	C

NANO - N5

5 Litre point-of-use water heater with full capacity in 8 min



NANO — N is ideal as a point-of-use unit .

NANO fits easily under sink and more than adequate for hand wash, kitchenettes or similar demands.

NANO comes standard with 3 kW ultra-grade INCOTEC immersion heater. The unit is ready for use after just 8 minutes, with a capacity of 7L 40°C hot water / hour.

NANO can be fitted anywhere due to its modest size, and wall bracket as well as safety valve is included.

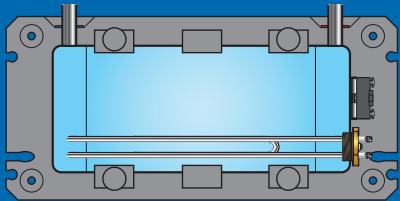
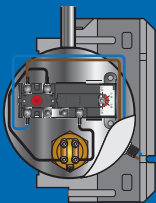


WHY NANO?

- Perfect for point-of-use installations or limited hot water needs
- 7 L 40°C / hour, fully charged after only 8 minutes
- 10 year warranty on the stainless steel pressure tank

COMPONENTS

Thermostat	Adjustable 40-70°C - Preset 65°C
El. power cable	Not including plug - 2,5 m
Wall mount	Stainless steel - included



TECHNICAL DATA

Prod. No.	Product code:	Capacity persons	Weight kg.	Dimensions mm.	Freight vol. m³	V40 L	AEC kWh/a	Heat loss W	Temp. setting °C	Energy eff. %	Rating ErP	Profile ErP
10806051	N 5 - 3 kW / 1x240V	0.5	12	250x234x500	0.03	7	525	13	65	35	A	XXS

MULTIPOINT - W

Multi-outlet water heater



The Multipoint – W is an electrically heated, stainless steel, hot water heater. Multipoint hot water heater is suitable for bedsits and light commercial applications. The 30 and 50 litre units will fit into a standard kitchen base unit. Multipoint heats the water to 70 degrees via a 3 kW INCOTEC immersion heater producing 20% more hot water than competitor units of the same size by blending to 60 degrees through the tamperproof blending valve making the 50 and 80 litre units to be suitable for a single shower. Multipoint can be floor or wall mounted and is a compact and space saving unit.

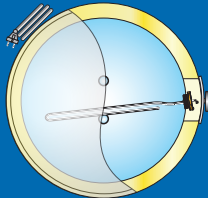
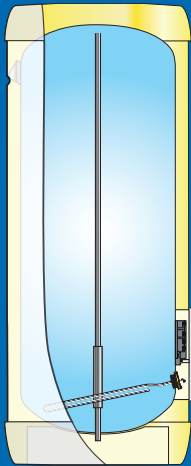
Multipoint has low heat losses through us of NANOPUR insulation. Downsizing also saves space and improves the already low heat loss figure. Multipoint has a 10 year warranty and is supplied with full G3 fittings kit.

WHY MULTIPOINT?

- Water delivery 60 degrees through tamper proof blender
- The 20% extra usable water means the unit can be downsized
- The unit will be smaller and take up less space
- Stainless steel construction with 10 year warranty
- 4 sizes 30/50/80/100 litres
- Wall or floor mounted
- Suitable for light commercial applications
- 50 and 80 litre units are suitable for a single shower

COMPONENTS

- Thermostat Adjustable 40-70°C - Preset 65°C
- P&T safety valve 10 bar - 90-95°C
- Integrated G3 kit Strainer/PRV/exp. relief/drain cock/tundish
- Expansion vessel Supplied, incl. wall bracket
- Stability bracket Stainless steel - included



TECHNICAL DATA

Prod. No.	Product code	Capacity persons	Weight kg.	Dia x height mm.	Freight vol. m³	V40 L	AEC kWh/a	Energi eff. %	Rat-ing ErP	Profil ErP
800 0461	W 30 - 2 kW/1x230V	1.0	11	ø434x542	0.1	52	539	34	C	S
800 0462	W 50 - 2 kW/1x230V	1.5	16	ø434x705	0.2	84	1 384	37	C	M
800 0463	W 80 - 2 kW/1x230V	2.0	21	ø434x1025	0.2	113	1 411	36	C	M
800 0464	W 100 - 2 kW/1x230V	2.0	26	ø434x1245	0.3	141	2 653	39	C	L

SUPERSTREAM - OSI

Accumulator technology for BOOSTED flow rates



SUPERSTREAM provides boosted performance for poor mains supplies. Cold water storage using patented accumulator technology guarantees unrivalled pressure and flow rates for multi-outlet demand. Traditional unvented cylinders depend on incoming mains pressure and water volume to produce high flow rates. When mains performance is compromised, SuperStream uses stored cold water in a large virgin butyl diaphragm to deliver enhanced performance to hot and cold outlets.

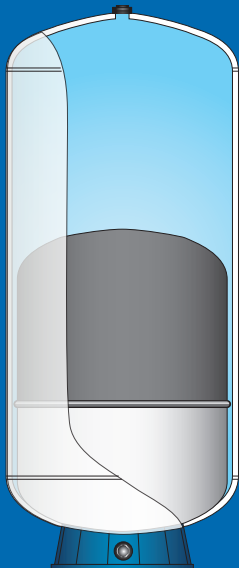
SUPERSTREAM has a composite construction which is resilient and lightweight and is guaranteed for 5 years. The system is typically used in large properties with multiple outlets or commercial situations with high water demand. If static mains pressure is poor, a Charger Pump can be used, contact OSI for details. SuperStream requires an additional purchase of an Upstream fittings kit which is supplied separately in 22 or 28mm to connect to the cold mains and hot water cylinder. 200 and 250 litre models can be installed horizontally in optional cradle.

WHY SUPERSTREAM?

- Boost performance for poor mains supply
- No moving parts - silent operation
- Perfect with Delta PowerCyl DCF Cylinder
- 5 year warranty on the tank
- Composite lightweight body



THE SUPERSTREAM EFFECT



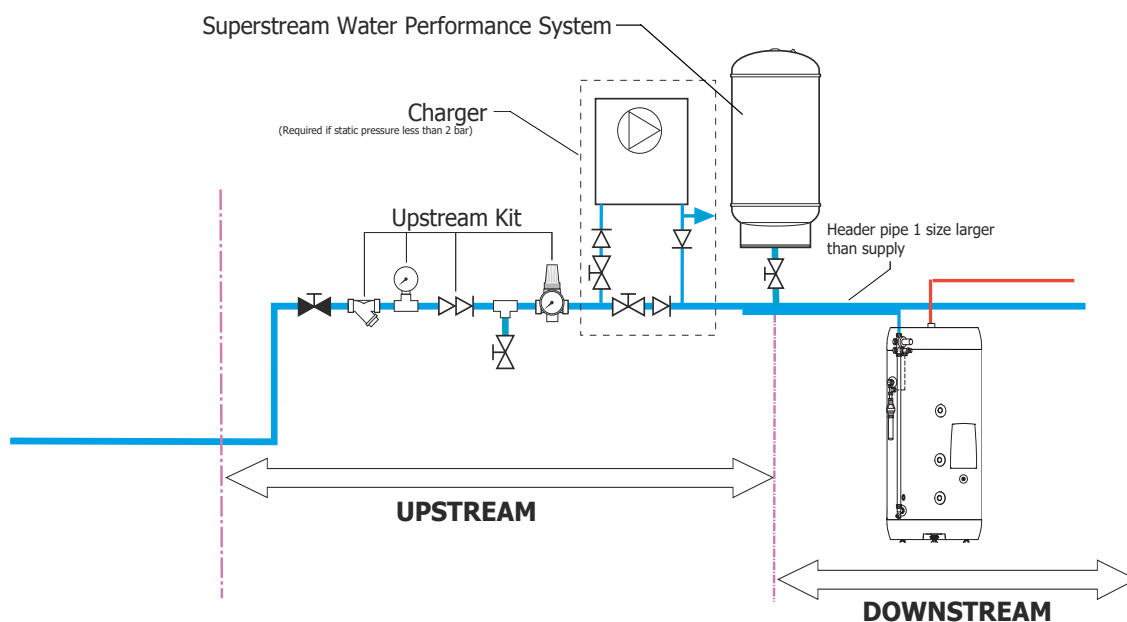
COMPONENTS

SUPERSTREAM requires an additional purchase of an Upstream fittings kit supplied separately in 22 or 28mm.

200 and 250 litre models can be installed horizontally in optional cradle.

TECHNICAL DATA

Prod. No.	Product code:	Nominal Capacity L	Weight Kg	Dia x height mm.	Water capacity L*	Water connection
OSI130	Accumulator 130 l	130	16	ø418x1227	65	1" BSP male
OSI200	Accumulator 200 l	200	22	ø542x1098	100	1 1/4" BSP male
OSI250	Accumulator 250 l	250	27	ø542x1303	125	1 1/4" BSP male
OSI350	Accumulator 350 l	350	35	ø614x1448	175	1 1/4" BSP male
OSI450	Accumulator 450 l	450	46	ø614x1831	225	1 1/4" BSP male



SUPERSTREAM CHARGER

- Use in conjunction with the SUPERSTREAM
- Pump direct from the incoming main, without the need for break tanks
- Increases water pressure to a maximum of 3.5Bar
- Green Energy saving bypass
- Low energy consumption
- Quiet running - 38dBA
- Flexibility of location
- Minimal maintenance
- 2 year warranty on Charger MJ1 pump
- Patent protected design
- Dimensions 287 x 464 x 185 mm



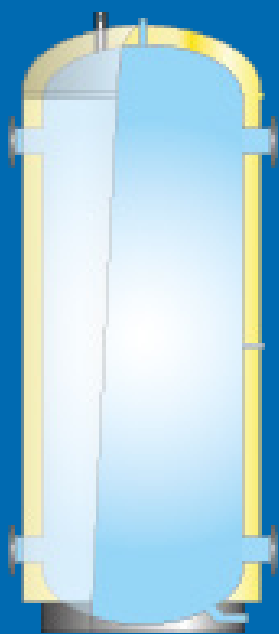
For a site visit to help design your solution please contact OSO direct
Tel 0191 482 0800

MAXI - COMMERCIAL RANGE

Stainless steel cylinders fro 300 litre to 15,000 litre



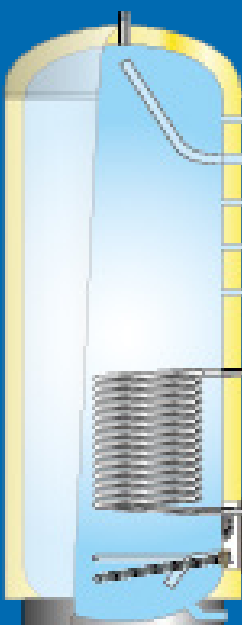
- A comprehensive range of competitively priced commercial units.
- Demystifying commercial hotwater.
- 12 models in 5 types available from 300 up to 1000 litres.
- All in Stainless steel.
- Buffer with electric backup, buffer with fast electric recovery backup, indirect, heat pump/fast recovery and buffer tank.
- The units are held in UK stock for speedy despatch.
- Cylinder price includes full G3 fittings kit and potable vessel.
- Units all have 1.5" hot and cold tapings as standard.
- Fittings kit comes as standard in 1½" but 28mm can be supplied on request.
- Immersion heaters can be configured as single or three phase.
- Can be partnered with OSO Superstream Accumulators.
- Prefabricated link pipes available for connecting units in series



Cylinder for hot water accumulation. 400 - 1000 litre. Cool water accumulator available on request



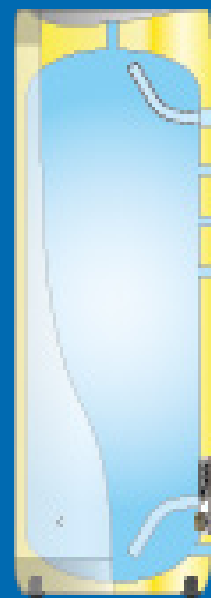
Specifically designed for heating via heat pump or super fast recovery from a boiler. 3.1 - 7.0m² coils. Electric backup 9-15 kW. 400 - 1000 litre



Cylinder with 1,00m² stainless steel coil for indirect heating from external heat source. Electric backup available 15kW. 600- 1000 litre



Buffer with 27kW immersion heater backup. 600-1000 litre

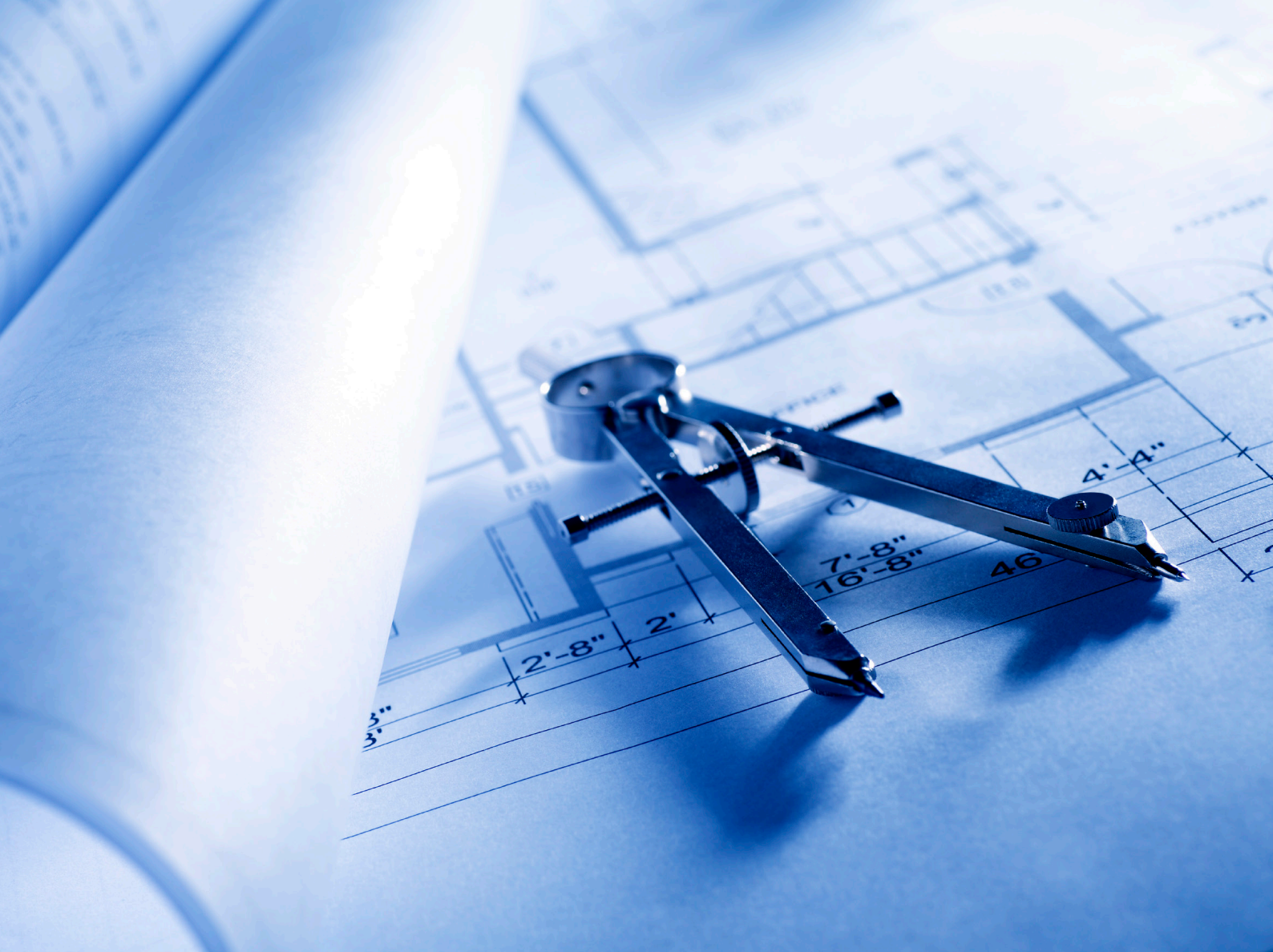


Buffer with 15kW immersion heater backup. 300 -400 litre

1" or 1 1/2" valve kit to be specified on order
MX cylinders require elements to be ordered
seperately - Part number 11010542
All elements can be configured single or three
phase

		Dry Weight kg	Dia and height	Usually Ex Stock?	Secondary Return	Hydraulic Conns H&C	Tapping sizes F&R	Tapping sizes H&C	Vessel Size Litres	G3 kit and vessel included?	ErP	Heat Loss W	Immersion recovery	Immersion power	Recovery time coil Heat pump	Coil size m2	Recovery time	Coil size kW	Code	Actual volume Litre
MS	DIRECT/BUFFER VESSEL WITH ELECTRIC BACK-UP																			
10241551	OSO MAXI STANDARD MS300 BUFFER/DIRECT 7.5kW + 7.5kW	280	MS300	n/a	n/a	n/a	15kW	46	83	C	Y	35	1.5"	n/a	n/a	n/a	n/a	n/a	595 x 1685	57
10241552	OSO MAXI STANDARD MS400 BUFFER/DIRECT 7.5kW + 7.5kW	372	MS400	n/a	n/a	n/a	15kW	61	90	C	Y	35	1.5"	n/a	n/a	n/a	n/a	n/a	595 x 2175	77
MX	DIRECT/BUFFER VESSEL WITH FAST RECOVERY ELECTRIC BACK-UP																			
10241653	OSO MAXI XPRESS MX600 BUFFER/DIRECT 9kW+9kW+9kW	580	MX600	n/a	n/a	n/a	27kW	47	120	C	Y	60	1.5"	n/a	n/a	n/a	n/a	n/a	780 x 2000	139
10241654	OSO MAXI XPRESS MX1000 BUFFER/DIRECT 9kW+9kW+9kW	885	MX1000	n/a	n/a	n/a	27kW	72	142	C	Y	100	1.5"	n/a	n/a	n/a	n/a	n/a	1000 x 2100	244
MC	INDIRECT UNITS																			
10241753	OSO MAXI COIL INDIRECT MC600 CYLINDER 7.5kW + 7.5kW	564	MC600	30	46	1.0	15kW	92	119	C	Y	60	1.5"	1"	n/a	n/a	n/a	n/a	780 x 2000	139
10241754	OSO MAXI COIL INDIRECT MC1000 CYLINDER 7.5kW + 7.5kW	877	MC1000	30	72	1.0	15kW	143	142	C	Y	100	1.5"	1"	n/a	n/a	n/a	n/a	1000 x 2100	244
MGC	UNITS SUITABLE FOR HEAT-PUMPS OR FASTER RECOVERY INDIRECTS																			
10241852	OSO MAXI GEOCOIL MGC400 CYLINDER 9 kW	363	MGC400	90	10	3.1	18*	n/a	96	C	Y	35	1.5"	3/4"	n/a	n/a	n/a	n/a	595 x 2175	95
10241853	OSO MAXI GEOCOIL MGC600 CYLINDER 7.5kW + 7.5kW	534	MGC600	135	10	4.6	26*	n/a	118	C	Y	60	1.5"	1.5"	n/a	n/a	n/a	n/a	780 x 2000	160
10241854	OSO MAXI GEOCOIL MGC1000 CYLINDER 7.5kW + 7.5kW	877	MGC1000	200	11	7.0	43*	n/a	141	C	Y	100	1.5"	1.5"	n/a	n/a	n/a	n/a	1000 x 2100	265
MA	ACCUMULATOR/BUFFER VESSEL																			
8001352	OSO MAXI ACCU ACCUMULATOR MA400 SS/PLUS 6 bar	376	MA400	n/a	n/a	n/a	n/a	n/a	96	C	N	n/a	n/a	n/a	n/a	n/a	n/a	n/a	595 x 2175	77
8001353	OSO MAXI ACCU ACCUMULATOR MA600 SS/PLUS 6 bar	580	MA600	n/a	n/a	n/a	n/a	n/a	119	C	N	n/a	n/a	n/a	n/a	n/a	n/a	n/a	780 x 2000	148
8001354	OSO MAXI ACCU ACCUMULATOR MA1000 SS/PLUS 6 bar	885	MA1000	n/a	n/a	n/a	n/a	n/a	140	C	N	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1000 x 2100	238

*Please note that these recovery times are based on a 40kw 3 phase heat pump and delta T 40



CERTIFIED AND DEDICATED

Today, certification according to current international standards is absolutely necessary to enter the market. OSO started early with this process and is certified in accordance with all current standards and directives for our field:

- ISO 9001 - Quality
- ISO 14001 - Environment
- ISO 45001 - Working environment and internal security

Our products are designed and manufactured according to

- EN-ISO 3834-2 - Standard for welding quality
- EN 60335-2-21 - Security standard
- PED 2014/68/EU - Directive for the production of pressure tanks



WARRANTY CONDITIONS

1. Scope

OSO Hotwater UK(hereinafter called OSO) warrants for 2 years from the date of purchase, that the Product will: i) conform to OSO specification, ii) be free from defects in materials and workmanship, subject to conditions below. All components carry a 2-year warranty.

The warranty is voluntarily extended by OSO to 25 years for the stainless steel inner tank. This extended warranty only applies to Products purchased by a consumer, that has been installed for private use and that has been distributed by OSO or by a distributor where the Products have been originally sold by OSO.

The extended warranty does not apply to Products purchased by commercial entities or for Products that have been installed for commercial use. These shall be subject only to the mandatory provisions of the law. The conditions and limitations set out below shall apply.

2. Coverage

If a defect arises and a valid claim is received within the statutory warranty period, at its option and to the extent permitted by law, OSO shall either; i) repair the defect, or; ii) replace the product with a product that is identical or similar in function, or; iii) refund the purchase price.

If a defect arises and a valid claim is received after the statutory warranty period has expired, but within the extended warranty period, OSO will supply a product that is identical or similar in function. OSO will in such cases not cover any other associated costs. In addition, for every year after the statutory warranty period, the claimant must contribute 4 % of the list price of the cylinder in question to OSO.

Any exchanged Product or component will become the legal property of OSO. Any valid claim or service does not extend the original warranty. The replacement Product or part does not carry a new warranty.

3. Conditions

The Product is manufactured to suit most public water supplies. However, there are certain water chemistries (outlined below) that can have a detrimental effect on the Product and its life expectancy. If there are uncertainties regarding water quality, the local water supply authority can supply the necessary data.

The warranty applies only if the conditions set out below are met in full:

- The Product has been installed by a professional installer, in accordance with the instructions in the installation manual and all relevant Codes of Practice and Regulations in force at the time of installation.
- The Product has not been modified in any way, tampered with or subjected to misuse and no factory fitted parts have been removed for unauthorized repair or replacement.
- The Product has only been connected to a domestic mains water supply in compliance with the European Drinking Water Directive EN 98/83 EC, or latest version. The water should not be aggressive, i.e. the water chemistry shall comply with the following:
 - Chloride < 250 mg / L
 - Electric Conductivity (EC) @25°C < 750 µS / cm
 - Saturation Index (LSI) @80°C > - 1,0 / < 0,8
 - pH level > 6,0 / < 9,5
- The immersion heater has not been exposed to hardness levels exceeding 10°dH (180 ppm CaCO₃). A water softener is recommended in such cases.
- Any disinfection has been carried out without affecting the Product in any way whatsoever. The Product shall be isolated from any

system chlorination.

- The Product has been in regular use from the date of installation. If the Product is not intended to be used for 60 days or more, it must be drained.
- The immersion heater element must be removed for inspection on service after 5 years. The threads must be checked for corrosion. If signs of corrosion are evident, the element must be replaced. Subsequently the element must be removed and examined every 3 years. Failure to do so in areas of aggressive water may result in the element separating from the cylinder with consequential escape of water.
- Service and/or repair shall be done according to the installation manual and all relevant codes of practice. Any replacement parts used shall be original OSO spare parts.
- The Service record logbook has been completed and updated after each annual service. Invoices should be kept as proof of service.
- The Commissioning Checklist certificate has been completed at the time of installation.
- Any third-party costs associated with any claim has been authorized in advance by OSO in writing.
- The purchase invoice and/or installation invoice, a water sample as well as the defective product is made available to OSO upon request.

Failure to follow these instructions and conditions may result in product failure, and water escaping from the Product.

4. Limitations

The warranty does not cover:

- Any fault or costs arising from incorrect installation, incorrect application, lack of regular maintenance in accordance with the installation manual, neglect, accidental or malicious damage, misuse, any alteration, tampering or repair carried out by a non-professional, any fault arising from the tampering with or removal of any factory fitted safety components or measures.
- Any consequential damage or any indirect loss caused by any failure or malfunction of the Product whatsoever.
- Any pipework or any equipment connected to the Product.
- The effects of frost, lightning, voltage variation, lack of water, dry boiling, excess pressure or chlorination procedures.
- The effects of stagnant (de-aerated) water if the Product has been left unused for more than 60 days consecutively.
- Damage caused during transportation. Buyer shall give the carrier notice of such damage.
- Costs arising if the Product is not immediately accessible for servicing.
- Connection to a private water supply

These warranties do not affect the Buyer's statutory rights.

OSO
HOT WATER

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