



Hot water cylinders

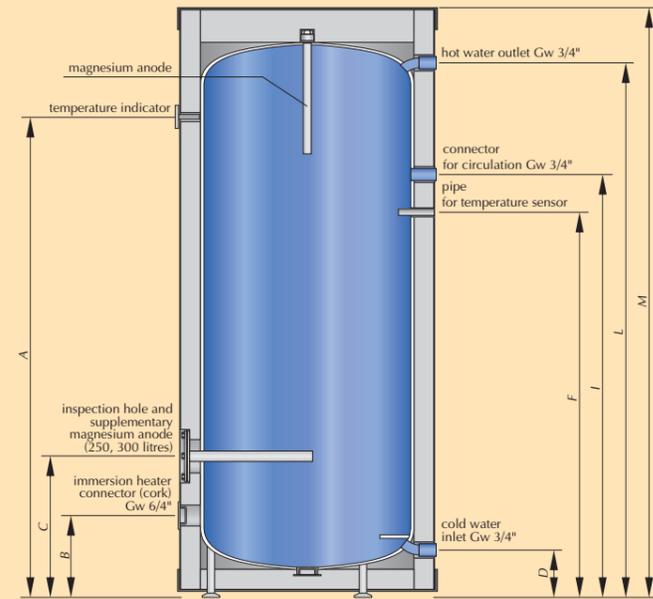


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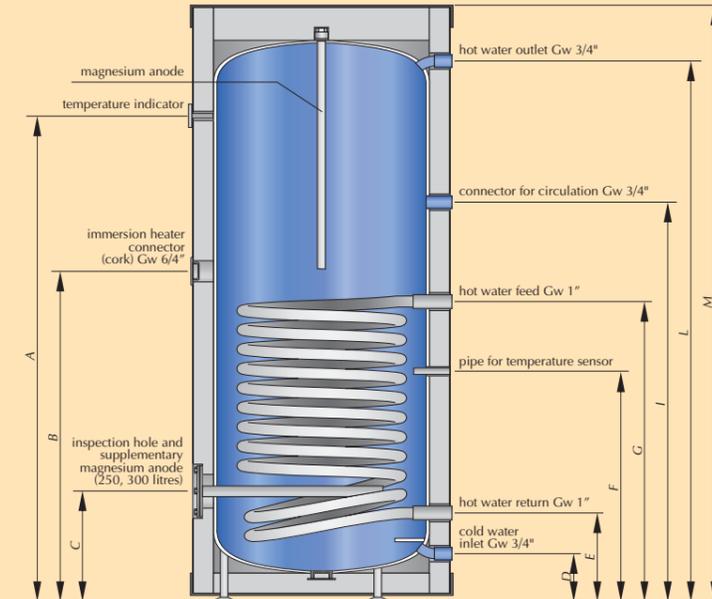
Vertical hot water cylinders TERMO MAX TERMO SOLAR



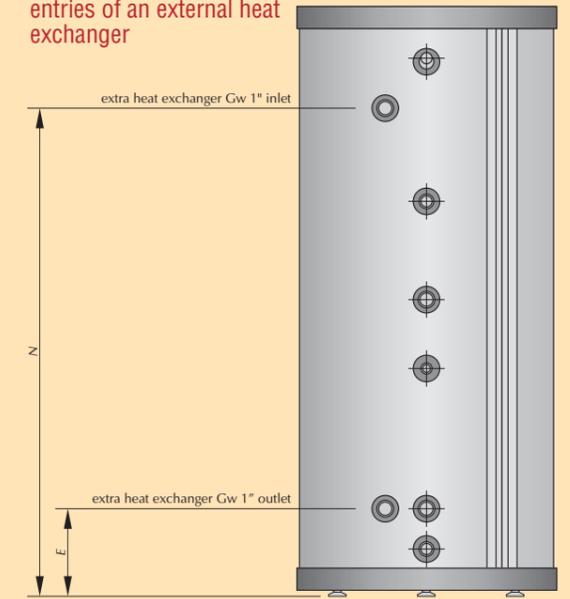
SE TERMO MAX 200, 250, 300, 400 litres



SW TERMO MAX single coil 200, 250, 300, 400 litres



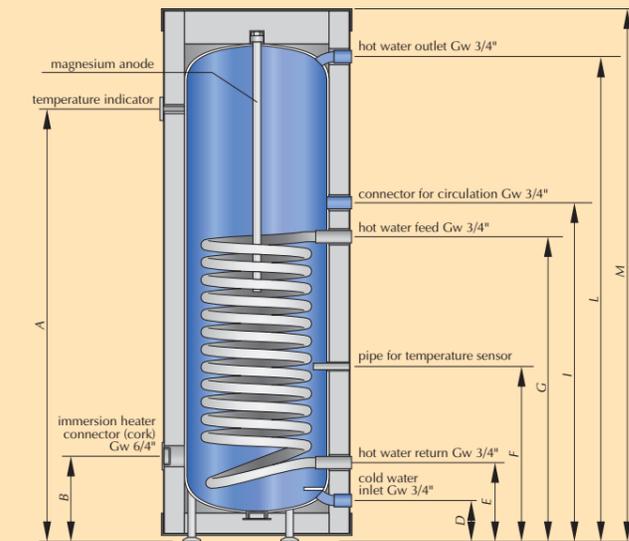
SWZ TERMO MAX single coil 200, 250, 300, 400 litres
entries of an external heat
exchanger



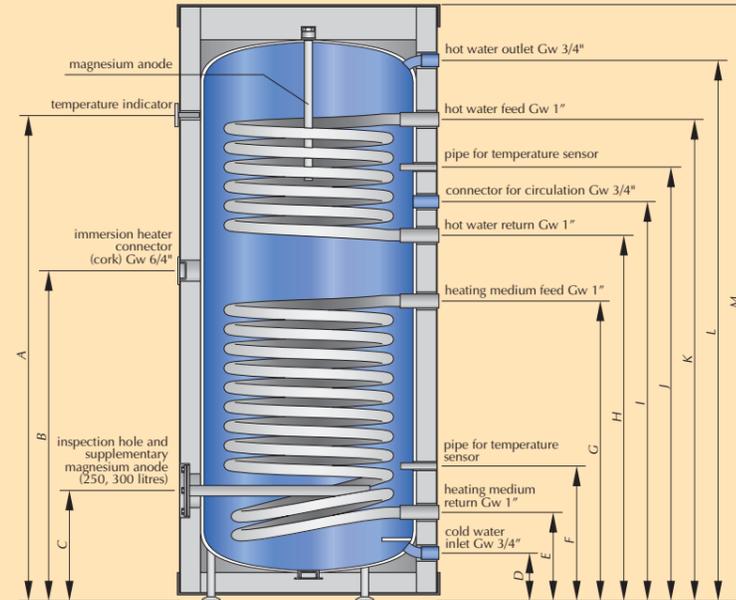
The most modern enamelling technology

Kospel boasts the most modern fully automatic dry enamelling line for manufacturing hot water cylinders. The dry enamelling technology is an advanced method of applying enamel with optimal, even thickness over the entire inner surface of the cylinder. This method as compared to traditional wet enamelling technology improves quality of enamel coat and ensures long-lasting cylinder performance.

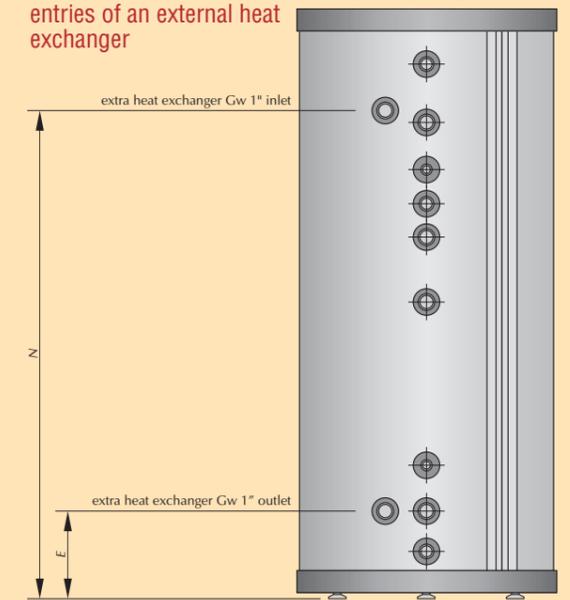
SW TERMO MAX single coil 100, 120, 140 litres



SB TERMO SOLAR twin coil 200, 250, 300, 400 litres



SBZ TERMO SOLAR twin coil 200, 250, 300, 400 litres
entries of an external heat
exchanger



High performance hot water cylinders

Cylinders feature a large surface area of heating coils, the lower one positioned at the very bottom of the cylinder. It guarantees fast heat transfer and steady water temperature distribution.

Highly effective thermal insulation

Effective thick thermal insulation minimises heat losses from the cylinder.

Its rigid silver colour enclosure ensures aesthetic look and provides protection against mechanical damages.



Immersion heaters may be fitted to the cylinders

A very extensive range of immersion heaters can be used in our cylinders. They are available from 1.4kW up to 9kW.



Model		SE-200	SE-250	SE-300	SE-400	SW-100	SW-120	SW-140	SW-200 SWZ-200	SW-250 SWZ-250	SW-300 SWZ-300	SW-400 SWZ-400	SB-200 SBZ-200	SB-250 SBZ-250	SB-300 SBZ-300	SB-400 SBZ-400	
Storage capacity	l	200	250	300	400	100	120	140	200	250	300	400	200	250	300	400	
Rated pressure	MPa	0,6															
Surface area of lower coil	m ²	-	-	-	-	0,8	1,0	-	1,1	1,2	1,5	1,7	1,1	1,0	1,5	1,7	
Power of lower coil 80/10/45°C*	kW	-	-	-	-	34	37	-	39	42	50	56	39	37	50	56	
Surface area of upper coil	m ²	-	-	-	-	-	-	-	-	-	-	-	0,75	-	0,8	0,9	
Power of upper coil 80/10/45°C*	kW	-	-	-	-	-	-	-	-	-	-	-	32	-	34	36	
24hrs electricity losses**	kWh	2,0	2,1	2,7	2,4	1,2	1,3	1,4	2,0	2,1	2,7	2,4	2,0	2,1	2,7	2,4	
Dimensions	Diameter	600	695	755	755	500	500	600	600	695	755	755	600	695	755	755	
	A	1306	1089	1323	1335	923	1094	1163	1306	1089	1323	1335	1306	1089	1323	1335	
	B	266	249	253	253	230	230	230	858	777	916	920	858	687	916	920	
	C	-	443	447	447	-	-	-	-	-	316	-	-	-	316	-	
	D	-	127	124	124	111	111	111	-	127	124	124	-	127	124	124	
	E	-	-	-	-	214	214	214	258	241	245	245	258	241	245	245	
	F	989	833	983	1015	423	471	471	675	602	714	717	395	378	378	381	
	G	-	-	-	-	727	822	822	813	740	852	856	813	628	852	856	
	H	-	-	-	-	-	-	-	-	-	-	-	903	746	980	986	
	I	1109	943	1093	1125	817	912	912	913	841	958	986	993	836	1070	1076	
	J	-	-	-	-	-	-	-	-	-	-	-	-	1098	941	1175	1181
	K	-	-	-	-	-	-	-	-	-	-	-	-	1290	1079	1313	1319
	L	1464	1230	1464	1498	1064	1235	1305	1464	1230	1464	1498	1464	1230	1464	1498	
	M	1609	1379	1614	1660	1195	1365	1435	1610	1379	1614	1660	1610	1379	1614	1660	
N	-	-	-	-	-	-	-	1333	1121	1355	1551	1333	1121	1355	1551		

* Following parameters: 80/10/45°C – heating water temp./ feed water temp./ domestic water temp, flow rate of heating water through the coil -3 m³/h.

** Constant water temp.(60°C).

Horizontal hot water cylinders

designed for cooperation with solid fuel sources of heat

TERMO HIT



Temperature indicator



Exceptional thermal insulation

The thermal insulation made of black hardened polystyrene foam designed for application in advanced heat engineering. The hardened and very dense foam provide better thermal insulation and protection against mechanical damages.

Water diffuser

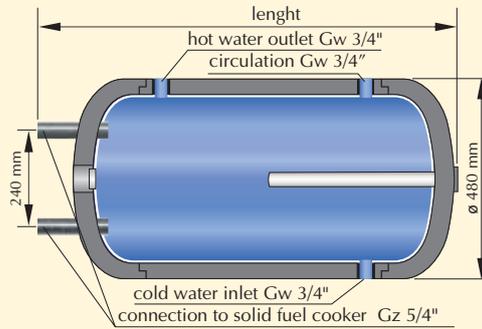
The water diffuser to reduce mixing of cold and hot water. It guarantees steady water temperature distribution.



Ideal for co-operation with solid fuel cookers, boilers and fire-places

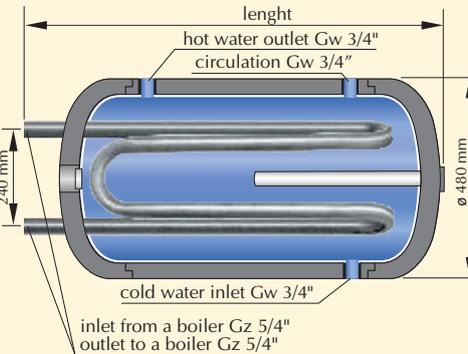
WZ model

for co-operation with a traditional solid fuel cooker



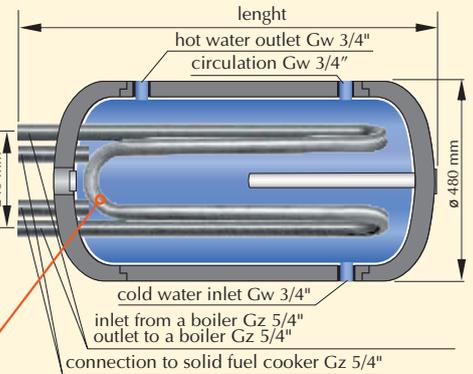
WW model (twin heating coil)

for co-operation with a low temperature solid fuel boiler



WB model (twin heating coil)

for co-operation with both a solid fuel cooker and a low temp. solid fuel boiler



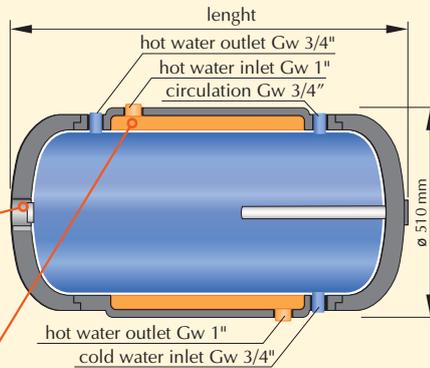
A large surface of heat transfer and high thermal power support domestic hot water very quickly.

WP and WPZ*** (double jacket)

for co-operation with a low temperature solid fuel boiler

A hole that enables to insert an immersion heater Gw 6/4\" (in all models of heat exchangers)

The double jacket model is characterised with the largest surface of heat transfer and the highest thermal power which ensures the shortest heating time.



Immersion heater with a thermostat – power 1400W or 2000W

Model		WZ-80 WW-80 WB-80	WZ-100 WW-100 WB-100	WZ-120 WW-120 WB-120	WZ-140 WW-140 WB-140	WP-100 WPZ-100***	WP-120 WPZ-120***	WP-140 WPZ-140***
Capacity	l	80	100	120	140	100	120	140
Rated pressure	MPa	tank 0,6 / coil 0,6				tank 0,6 / double jacket 0,15**		
Surface of heat transfer	m ²	0,3		0,4		0,7	0,93	1,0
Thermal power*	kW	9,5		11,4		19,3	25,2	26,8
Efficiency*	l/h	235		295		405	526	567
Cylinder length	mm	920	1125	1295	1365	1085	1255	1325

* Following parameters: 80/15/45°C (heating water temp./feed water temp./domestic water temp.), heating water flow through the coil 2,67m³/h.

** WP model is designed for open vented central heating systems.

*** WPZ double jacket hot water cylinder has additional entries for a solid fuel cooker – connecting pipes as in WZ model.

All technical data is based on standards of Central European countries. However, Kospel S.A. is fully flexible to adjust its appliances to other standards.



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