



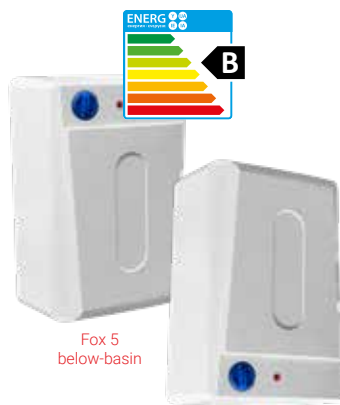
WATER HEATERS

 EN - flyer 03/z/2019



ELECTRIC WATER HEATERS TYPE FOX 5-10

- ▶ Small dimensions and the possibility of mounting both above and below the sink.
- ▶ Can work as a pressure type heater (after purchasing a safety valve).
- ▶ The heater is of non-pressure type by default (to work with a three-way pressure-less battery).
- ▶ Insulated with polystyrene foam.
- ▶ Additional protection with magnesium anode.



Fox 5
below-basin

Fox 5
above-basin

specification	unit	Fox	
storage capacity	l	5	10
load profile ¹	-	XXS	XXS
ErP energy efficiency class	-	B	B
tank's maximum working pressure	MPa	0,6	0,6
voltage	V~	230	230
electric heater power	kW	1,5	1,5
range of working temperatures	°C	30÷75	30÷75
estimated time to warm up the water [Δt=35°C]	min	9	18
height x width x depth	mm	385 x 250 x 215	435 x 290 x 270

ELECTRIC WATER HEATERS TYPE FOX 30-120

- ▶ Capacities from 30 to 120 l.
- ▶ Double protection against corrosion: ceramic enamel + magnesium anode.
- ▶ Insulation: polyurethane foam.
- ▶ Electric heater: 1,5 kW (30) or 2 kW (50-120).
- ▶ Control: manual.



Fox 80

specification	unit	Fox				
storage capacity	l	30	50	80	100	120
load profile ¹	-	S	M	M	M	L
ErP energy efficiency class	-	C	C	C	C	C
tank's maximum working pressure	MPa	0,6	0,6	0,6	0,6	0,6
voltage	V~	230	230	230	230	230
electric heater power	kW	1,5	2,0	2,0	2,0	2,0
range of working temperatures	°C	30÷75	30÷75	30÷75	30÷75	30÷75
estimated time to warm up the water [Δt=35°C]	min	60	90	150	180	200
height	mm	550	540	790	945	1110
diameter	mm	360	440	440	440	440

^{*} Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.



SGW(S) Mini Tower insulated with polyurethane foam


SGW(S) Vulcan Kombi free-standing 100-140



SGW(S) Vulcan Kombi wall-mounted 100-140


INDIRECT WATER HEATERS TYPE SGW(S) MINI TOWER

- ▶ Faster heating of water thanks to the large surface area of the spiral coil.
- ▶ Works with all types of boilers: oil, gas, coal, etc.
- ▶ Ability to install an electrical set.
- ▶ Thermometer is standard.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.

specification	unit	SGW(S) Mini Tower		
		100	120	140
storage capacity ¹	l	102	114	129
ErP 	polystyrene foam	-	C	C
	polyurethane foam	-	B	B
tank's / coil's max. working pressure	MPa	0,6 / 1,6		
tank's / coil's max. working temperature	°C	95 / 110		
coil surface	m ²	0,6	0,95	0,95
coil power (70/10/45°C)	kW	16	23	23
height	mm	1040	1150	1290
diameter	mm	518		

INDIRECT WATER HEATERS TYPE SGW(S) VULCAN KOMBI

- ▶ Wall-mounted or free-standing.
- ▶ All connections in either the top or the bottom cover.
- ▶ Faster heating of water thanks to the large surface area of the spiral coil.
- ▶ Works with all types of boilers: oil, gas, coal, etc.
- ▶ Ability to install an electrical set.
- ▶ Thermometer is standard.
- ▶ Up to 50% longer life thanks to the RESIST-TECH® technology.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.

specification	unit	SGW(S) Vulcan Kombi			
		100	120	140	200
storage capacity ¹	l	101	113	127	194
ErP 	energy efficiency class	-	C	C	C
tank's / coil's max. working pressure	MPa	0,6 / 1,6			
tank's / coil's max. working temperature	°C	95 / 110			
coil surface	m ²	1,2	1,2	1,2	1,6
coil power (70/10/45°C)	kW	29	29	29	39
height	mm	1050	1150	1300	1190
width x depth	mm	455x455		650x650	

* Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.



INDIRECT WATER HEATERS TYPE SGW(S) TOWER (ERP A)

- ▶ Faster heating of water thanks to the large surface area of the spiral coil.
- ▶ Works with all types of boilers: oil, gas, coal, etc.
- ▶ Ability to install an electrical set.
- ▶ Thermometer is standard.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.



anti-corrosion
DIELECTRIC PROTECTION®



SGW(S) Tower 200
(front)

SGW(S) Tower
(back)



SGW(S)B Tower Biwal

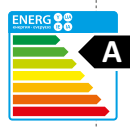
specification	unit	SGW(S) Tower		
		200	250	300
storage capacity ¹	l	205	247	292
ErP polyurethane foam	-	A	A	A
tank's / coil's max. working pressure	MPa	1,0 / 1,6		
tank's / coil's max. working temperature	°C	95 / 110		
coil surface	m ²	0,8	1,0	1,4
coil power (70/10/45°C)	kW	21,4	23,6	33,6
height	mm	1355	1565	1825
diameter	mm	670	700	700

INDIRECT WATER HEATERS TYPE SGW(S)B TOWER BIWAL (ErP A)

- ▶ Bivalent water heater that can heat domestic hot water both through the CH boiler and a solar collector.
- ▶ Ability to install an electrical set.
- ▶ Thermometer is standard.
- ▶ Works with all types of boilers: oil, gas, coal, etc.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.

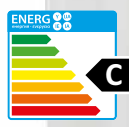
specification	unit	SGW(S)B Tower Biwal		
		200	250	300
storage capacity ¹	l	199	240	286
ErP polyurethane foam	-	A	A	A
tank's / coil's max. working pressure	MPa	1,0 / 1,6		
tank's / coil's max. working temperature	°C	95 / 110		
surface of the solar collector's coil	m ²	0,8	1,0	1,4
power of the solar collector's coil (70/10/45°C)	kW	21,4	23,6	33,6
surface of the CH coil	m ²	0,6	0,8	0,8
power of the CH coil (70/10/45°C)	kW	14,2	21,5	21,5
height	mm	1355	1565	1825
diameter	mm	670	700	700

▶ The water heaters marked with the **energy class A** symbol meet the highest technical requirements and are very energy efficient.



* Details in the warranty card.
¹ According to the regulation - (UE) 812/2013, 814/2013.

NEW!



SG(S) Fusion

LAYER TANK FOR COMBI GAS BOILERS TYPE SG(S) FUSION

- ▶ Perfect fusion with your combi gas boiler.
- ▶ Maximum utilization of the water that is stored in layers.
- ▶ Savings on gas with small water consumption.
- ▶ Short heating time.
- ▶ 3-stage circulation pump of adjustable output in standard.
- ▶ Small dimensions.

specification	unit	SG(S) Fusion 100	
storage capacity ¹	l	104	
ErP energy efficiency class	-	C	
tank's maximum working pressure	MPa	1,0	
tank's maximum working temperature	°C	95	
constant delivery of DHW Δt=30K	l/h (kW)	660 (24)	774 (28)
approximate heating time at Δt=45K	min (kW)	20 (24)	16 (28)
magnesium anode top cover 5/4" plug	mm	25x390	
height	mm	900	
diameter	mm	600	

WATER HEATER FOR GAS BOILERS TYPE SGW(S) RONDO PREMIUM

- ▶ Energy efficiency class - A.
- ▶ All connections in the top cover.
- ▶ Faster heating of water thanks to the large surface area of the spiral coil.
- ▶ Works with every type of boiler: oil, gas, coal etc.
- ▶ Ability to install an electrical set.
- ▶ Thermometer is standard.
- ▶ Up to 50% longer life thanks to the RESIST-TECH® technology.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.



SGW(S) Rondo Premium

specification	unit	Rondo Premium	
		120	140
storage capacity ¹	l	123	139
ErP energy efficiency class	-	A	A
tank's / coil's maximum working pressure	MPa	1,0 / 1,6	1,0 / 1,6
tank's / coil's maximum working temperature	°C	95 / 110	95 / 110
coil's surface	m ²	1,2	1,2
coil's capacity	l	8	8
coil's power (70/10/45°C)	kW	29	29
efficiency	l/h	700	700
magnesium anode top cover 5/4" plug	mm	38x400	38x400
height	mm	910	1005
diameter	mm	660	660


* Details in the warranty card.
¹ According to the regulation - (UE) 812/2013, 814/2013.



Neptun² Kombi
(left version)

INDIRECT WATER HEATERS TYPE SGW(S) NEPTUN² KOMBI

- ▶ Faster heating of water thanks to the large surface area of the spiral coil.
- ▶ Works with all types of boilers: oil, gas, coal, etc.
- ▶ Electric heater + thermostat with precise temperature control.
- ▶ Up to 50% longer life thanks to the RESIST-TECH® technology.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.
- ▶ Possibility to order the water heater with an electronic LED display.
- ▶ Connections on either left or right side.

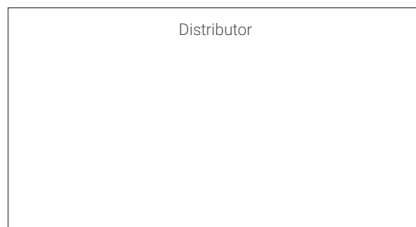
specification	unit	SGW(S) Neptun ² Kombi			
		80	100	120	140
storage capacity ¹	l	71,5	102,2	112	130
ErP  energy efficiency class	-	C	C	C	C
electric heater power (230 V~)	kW	1,5	1,5	2,0	2,0
tank's / coil's max. working pressure	MPa	0,6 / 1,6			
tank's / coil's max. working temperature	°C	95 / 110			
coil surface	m ²	0,6	0,6	0,95	0,95
height	mm	920	1080	1200	1340
diameter	mm	480			

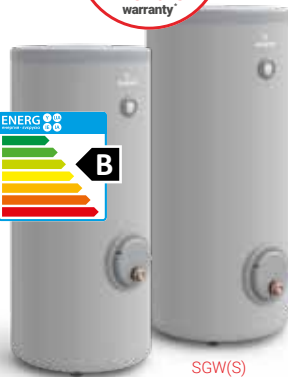
* Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.



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SGW(S)B
Maxi Plus 300

SGW(S)
Maxi 300

INDIRECT WATER HEATERS TYPE SGW(S) MAXI, SGW(S)B MAXI PLUS

- ▶ Maxi Plus is equipped with two spiral coils and can be connected to two heat sources at once (f.ex. to a heat pump and CH boiler).
- ▶ Ability to install an electrical set.
- ▶ Thermometer is standard.
- ▶ Up to 50% longer life thanks to the RESIST-TECH® technology.
- ▶ Highest quality ceramic enamel EXTRA GLASS® + magnesium anode.
- ▶ Ability to purchase water heater in capacities up to 1000 l (applies to SGW(S) Maxi water heaters).



Both Maxi and Maxi Plus water heaters are equipped with a **maximum size heat exchanger**, the so-called „coil within a coil” - a bent tube with two diameters, a larger one and a smaller one inside the first one.

specification	unit	SGW(S) Maxi				SGW(S)B Maxi Plus		
		250	300	400	500	300	400	500
storage capacity ¹	l	236	284	376	471	293	373	465
ErP energy efficiency class	-	B	B	C	B	B	C	B
tank's / coil's max. working pressure	MPa	1,0 / 1,6				1,0 / 1,6		
coil surface (Maxi Plus - solar/heat pump)	m ²	3,0	3,8	5,0	6,0	1,0 / 2,2	1,5 / 3,8	1,8 / 4,8
coil power (Maxi Plus - solar) (80/10/45°C)	kW	71,5	91	108	114	26	34	38
coil power (Maxi Plus - heat pump) (50/10/45°C)	kW	22	28	37	39	22,5	28,5	35
height	mm	1300	1615	1750	1950	1615	1750	1950
diameter	mm	670	670	700	755	670	700	755



SGW(S)M Tower Multi 300

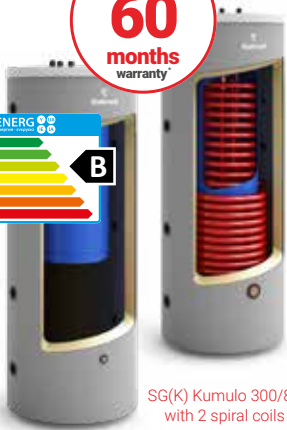
INDIRECT WATER HEATERS TYPE SGW(S)M TOWER MULTI

- ▶ Three spiral coils - three separate heating circuits.
- ▶ Up to 50% longer life thanks to the RESIST-TECH® technology.
- ▶ Highest quality ceramic enamel EXTRA GLASS® + magnesium anode.
- ▶ Ability to install an electrical set.
- ▶ Can be connected to several heat sources at once.

specification	unit	SGW(S)M Tower Multi		
		300	400	500
storage capacity ¹	l	295	391	488
ErP energy efficiency class	-	B	C	B
tank's / coil's max. working pressure	MPa	1,0 / 1,6		
surface of the solar collector's coil	m ²	1,0	1,8	2,0
power of the solar collector's coil (80/10/45°C)	kW	24	43	48
coil surface for an add. source	m ²	1,0	1,0	1,0
coil power for an add. source (80/10/45°C)	kW	24	24	24
surface of the CH coil	m ²	0,7	1,1	1,1
power of the CH coil (80/10/45°C)	kW	17	26,4	26,4
height	mm	1615	1750	1950
diameter	mm	670	700	755

* Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.



SG(K) Kumulo 300/80 with 2 spiral coils

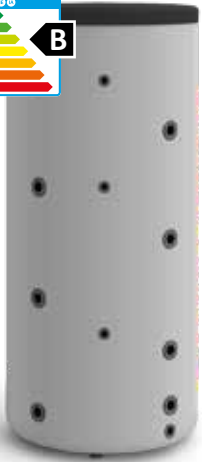
SG(K) Kumulo 300/80 without spiral coils

COMBINED HEAT ACCUMULATION VESSELS - TYPE SG(K) KUMULO

- ▶ May be equipped with one or two coils (e.g. for the solar and central heating systems).
- ▶ Available types: without a coil or with one coil in the external tank, one coil in the internal tank or two spiral coils (e.g. for a solar installation and central heating system).
- ▶ Large, not enamelled external tank, small internal container for DHW coated with the highest quality ceramic enamel EXTRA GLASS®.
- ▶ Ability to install an electrical set.
- ▶ Additional protection with magnesium anode

▶ By installing the SG(K) Kumulo heat accumulation vessel in your boiler room you can **save up to 2700 cm²** of space.

specification	unit	SG(K) Kumulo with 2 spiral coils					
		300/80	380/120	500/160	600/200	800/200	1000/200
capacity (CH system water vessel)	l	220	260	340	400	600	800
capacity (DHW vessel)	l	80	120	160	200	200	200
ErP energy efficiency class	-	B	B	C	C	C	C
tank's maximum working pressure (CH system water / DHW)	MPa	0,3 / 0,6					
coil's maximum working pressure	MPa	0,6					
tank's / coil's max. working temperature	°C	95 / 110					
lower coil's surface (external tank)	m ²	1,6	2,1	2,1	2,1	2,4	2,4
top coil's surface (internal tank)	m ²	0,8	0,8	1,0	1,0	1,0	1,0
height	mm	1470	1840	1670	1840	1650	1850
diameter	mm	700	700	855	855	1055	1055



SG(B) 200 in polyurethane foam

BUFFERS, NON-ENAMELLED VESSELS WITHOUT SPIRAL COIL - TYPE SG(B)

- ▶ Capacities from 200 l to 5000 l.
- ▶ Water tank (buffer) for de-mineralised boiler water.
- ▶ Insulated with polyurethane foam.
- ▶ Heat supply from several independent sources of heat.
- ▶ Also available with one or two spiral coils.

specification	unit	SG(B)		
		200	300	400
storage capacity ¹	l	223	322	396
ErP energy efficiency class	-	B	B	C
tank's max. working pressure	MPa	0,3		
tank's max. working temp.	°C	95		
height	mm	1140	1615	1685
diameter	mm	670	670	700

* Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.



Multi-Inox
in detachable
Neodul® insulation

Multi-Inox
with two
steel coils
(cross-section)

HYGIENIC STRATIFICATION BUFFER TANKS - TYPE MULTI-INOX

- ▶ Stratified accumulators cooperate perfectly with wood, pellet, gas and oil-fired boilers and in heat recuperation systems.
- ▶ Spirally corrugated, stainless steel heat exchanger SPIRAFLEX guarantees hygienic domestic hot water preparation.
- ▶ Low temperatures at the bottom part of the accumulator make it possible to obtain low water temperature on the solar collector return, thus efficiently use the solar energy. The low return temperature is especially advantageous for condensing boilers, as it allows for using optimally the fuel calorific value.
- ▶ High heating surface of the coil at higher boiler water temperatures provides high domestic hot water temperature, while the exchanger at low temperature range is used to initially heat water and cool down the accumulator.
- ▶ Corrugated stainless steel water heater (material 1.4404 AISI 316L) cleans itself automatically under pressure. The turbulences inside the accumulator prevent the lime scale from depositing on the heater's inner surface.
- ▶ The accumulator can be fitted with one or two additional coils made of boiler steel P235GH: lower one (solar) for using the solar potential; additional one to quickly heat domestic hot water by using the central heating boiler.
- ▶ The accumulator is thermally insulated with soft, detachable Neodul® insulation.

specification	unit	Multi-Inox					
		450	600	800	1000	1500	2000
storage capacity ¹	l	450	597	726	911	1390	1904
ErP	polyurethane foam	-	C	-	-	-	-
	Neodul®	-	-	C	C	C	C
tank's maximum working pressure	MPa	0,3					
maximum working temperature of the tank with a CH water	°C	90					
maximum working temperature of the solar spiral coil / C.H. spiral coil	°C	110					
coil surface (upper /down)	m ²	-	1,4/1,4	1,8/1,8	1,8/1,8	3,0/2,4	4,5/3,0
coil capacity	l	-	9,8/9,8	12,6/12,6	12,6/12,6	20,9/16,8	33,5/20,9
maximum working pressure of the upper spiral coil	MPa	-	1,6				
maximum working pressure of the solar spiral coil	MPa	-	1,6				
maximum working pressure of domestic hot water – SPIRAFLEX	MPa	0,6					
maximum working temperature of domestic hot water – SPIRAFLEX	°C	90					
coil capacity of domestic hot water – SPIRAFLEX	m ²	4,7	5,65	5,65	6,95	6,95	8,00
coil surface for DHW – SPIRAFLEX	l	32,5	39	39	48	48	56
flow through the DHW exchanger at 45°C – SPIRAFLEX	l/min	25	25	30	36	45	53
flow efficiency at 65°C (constant temperature at constant tank volume) at water temperature 45°C	l	195	240	290	360	430	525
power of the SPIRAFLEX stainless steel water heater (feed temperature approx. 65°C)	kW	50	61,5	61,5	90	105	128
height	mm	1930	1900	1880	2270	2665	2500
diameter	mm	700	860	950	950	1100	1300

^{*} Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.



SGW(L)x2

HORIZONTAL WATER HEATERS - TYPE SGW(L)x2 WITH A DOUBLE U-SHAPED COIL

- ▶ Patented insulation technology makes polystyrene foam to conform to the shape of the surface of the tank, creating a uniform coating without any joints, breaks and thermal bridges.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.
- ▶ The double U-shaped coil is made from one piece of a 5/4" pipe.
- ▶ Circulation coupling as standard.
- ▶ Coupling for CH boiler sensor as standard.
- ▶ Ability to install an electrical set.

specification	unit	SGW(L)x2					
		80	100	120	140	200	300
storage capacity ¹	l	85	103,5	114	132	204	272
ErP	polystyrene foam	-	C	C	C	C	C
	polyurethane foam	-	C	C	C	C	-
tank's / coil's max. working pressure	MPa	0,6 / 0,6	0,6 / 0,6	0,6 / 0,6	0,6 / 0,6	0,6 / 0,6	0,6 / 0,6
tank's / coil's max. working temperature	°C	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
coil surface	m ²		0,38		0,52	0,58	0,64
coil power (70/10/45°C)	kW		9,15		12,5	14	15,3
width	mm	930	1090	1200	1350	1180	1460
diameter	mm	470	470	470	470	660	660



SGW(L)P

DOUBLE-JACKET WATER HEATERS TYPE SGW(L)P

- ▶ HIGH EFFICIENCY – water is heated using a steel jacket placed on almost the entire surface of the tank.
- ▶ Patented insulation technology makes polystyrene foam to conform to the shape of the surface of the tank, creating a uniform coating without any joints, breaks and thermal bridges.
- ▶ Highest quality ceramic enamel EXTRA GLASS®.
- ▶ Additional protection with magnesium anode.
- ▶ Circulation coupling as standard.
- ▶ Coupling for CH boiler sensor as standard.
- ▶ Ability to install an electrical set.

specification	unit	SGW(L)P 80	SGW(L)P 100	SGW(L)P 120	SGW(L)P 140
		storage capacity ¹	l	88,5	107
ErP	polystyrene foam	-	B	B	B
	polyurethane foam	-	C	C	C
tank's / coil's max. working pressure	MPa	0,6 / 0,2	0,6 / 0,2	0,6 / 0,2	0,6 / 0,2
tank's / coil's max. working temperature	°C	95 / 110	95 / 110	95 / 110	95 / 110
coil surface	m ²	0,50	0,70	0,83	1,02
coil power (70/10/45°C)	kW	12,0	16,7	19,8	24,4
demand for heating water from CH boiler	m ³ /h	1,4	1,4	1,6	1,6
width	mm	850	1000	1090	1290
diameter (polyurethane / polystyrene)	mm	470 / 505	470 / 505	470 / 505	470 / 540

* Details in the warranty card.

¹ According to the regulation - (UE) 812/2013, 814/2013.