



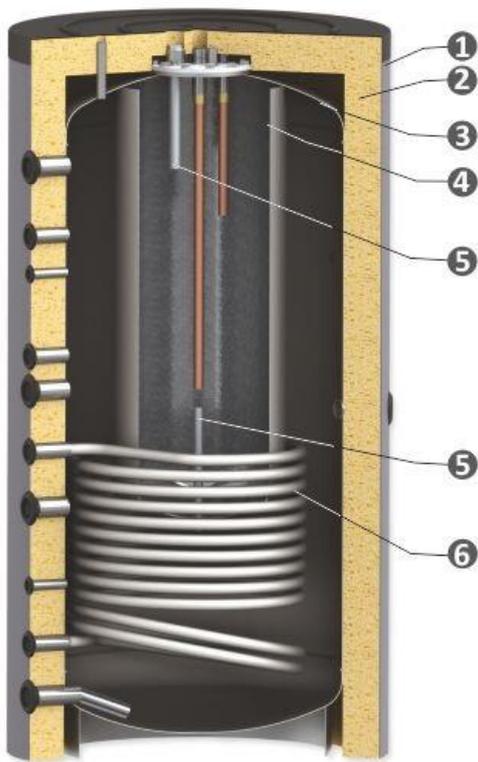
**Modifications and sizes:**

**600/150 L; 800/200 L; 1000/220 L; 1500/300 L**

Combined water tank with tank-in-tank construction: water heater for domestic hot water + buffer tank for heating system. The added heat exchanger coil enables the unit to work with different heat sources.

**Product features:**

- Tank-in-tank construction.
- Removable insulation with thickness 100 mm and outer casing of PVC with RAL 9006 color.
- Multi-position mounting of temperature sensor.
- Complex corrosion protection of DHW tank realized by means of titanium enamel and two anode protectors.
- Heat exchanger coil.
- All threads are internal.
- Easy installation.
- Optional kit for electric heating with nominal power 3kW or 4.5kW.



- 1 . Aesthetic PVC jacket with color RAL 9006
- 2. Insulation
- 3. Water tank of low-carbon steel
- 4. DHW tank made of low carbon steel coated with titanium enamel (DIN 4753-3)
- 5. Anode protector (DIN 4753-6)
- 6. Heat exchanger coil
- 7. Safety valve, 8 bar



		KSC 1 600/150	KSC 1 800/200	KSC 1 1000/220	KSC 1 1500/300
Capacity I		600	800	1000	1500
Buffer capacity/DHW tank capacity I		450/150	600/200	780/220	1200/300
Height H / Min. vertical clearance	mm	1880/1970	1910/2020	2090/2185	2220/2375
Diameter D /w. insulation	mm	ø 650/850	ø 790/990	ø 790/990	ø 1000/1200
Heat exchange surface	m <sup>2</sup>	1.7	2.9	3.0	3.4
Coil capacity I		10.5	17.9	18.5	21.0
Oper. pressure / max. coil temp.	bar/°C	16/110	16/110	16/110	16/110
Oper. pressure / max. buffer temp.	bar/°C	3/95	3/95	3/95	3/95
Oper. pressure / max. DHW tank temp.	bar/°C	10/95	10/95	10/95	10/95
Recommended boiler size, connected to the buffer	kW	10-17	15-27	18-33	27-50
Thermometer		optional	optional	optional	optional
Anode protector		✓	✓	✓	✓
Electric heater (optional)	kW	3/4.5	3/4.5	3/4.5	3/4.5
Weight	kg	184	213	241	428
Sensor sleeve A,	mm	G½"/440	G½"/570	G½"/580	G½"/875
Electric heating element (optional) B,	mm	G1½"/860	G1½"/920	G1½"/1130	G1½"/1130
Sensor sleeve C,	mm	G½"/1440	G½"/1290	G½"/1500	G½"/1700
Air vent sleeve D,	mm	G½"/1880	G½"/1910	G½"/2090	G½"/2220
Boiler heat carrier inlet/sleeve E,	mm	G1½"/1550	G1½"/1573	G1½"/1742	G1½"/1808
Upper coil inlet S2/sleeve F,	mm	G1"/1300	G1"/1390	G1"/1520	G1"/1635
Sensor sleeve G,	mm	G½"/1150	G½"/1290	G½"/1450	G½"/1525
Boiler heat carrier / sleeve H,	mm				G1½"/1305
Upper coil outlet S2 I,	mm	G1"/1020	G1"/1072	G1"/1172	G1"/1225
Boiler heat carrier / sleeve J,	mm	G1½"/910	G1½"/980	G1½"/1060	G1½"/1130
Sleeve K,	mm				G½"/975
Lower coil inlet S1/sleeve L,	mm	G1"/800	G1"/820	G1"/880	G1"/895
Boiler heat carrier / sleeve M,	mm	G1½"/650	G1½"/670	G1½"/730	G1½"/765
Sensor sleeve N,	mm	G½"/490	G½"/465	R½"/495	G½"/520
Lower coil outlet S1/sleeve O,	mm	G1"/280	G1"/310	R1"/310	G1"/375
Boiler heat carrier / sleeve P,	mm	G1½"/150	G1½"/170	G1½"/170	G1½"/235
Recirculation Q,	mm	G¾"/1880	G¾"/1910	G¾"/2090	G¾"/2220
Hot water outlet R,	mm	G1"/1880	G1"/1910	G1"/2090	G1"/2220
Air vent sleeve S,	mm	G½"/1880	G½"/1910	G½"/2090	G½"/2200
Cold water inlet T,	mm	G1"/1880	G1"/1910	G1"/2090	G1"/2220
DHW tank	Anode protectors U <sub>1</sub>	G1¼"/1880	G1¼"/1910	G1¼"/2090	G1¼"/2220
	U <sub>2</sub>	G1¼"/850	G1¼"/607	G1¼"/647	G1¼"/881

