



### **Combi tank KSC 2 - with two coils.**

To produce and accumulate domestic hot water (DHW) and hot water for space-heating system. Tank-in-Tank construction - DHW tank protected with titanium enamel and anode + Buffer tank powering space-heating system.

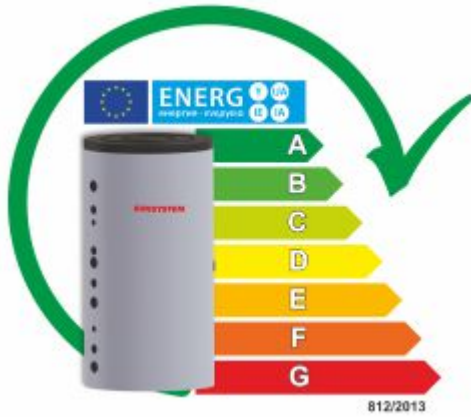
Allows utilization of up to three external heat sources and an optional electric heating element.

### **Modifications and sizes, Liters:**

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

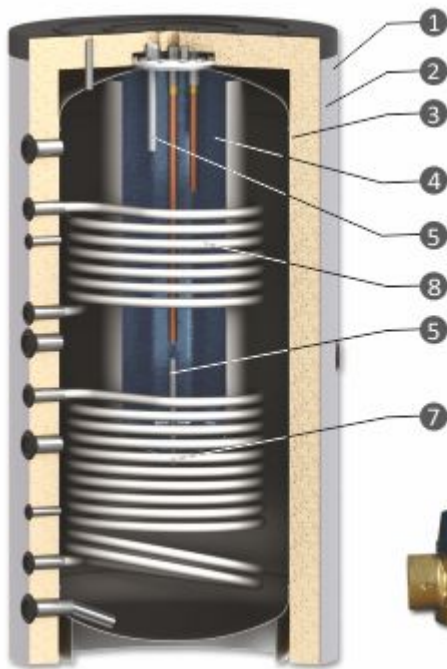
### **Product features:**

- Removable High efficiency insulation with thickness 100 mm and outer casing of PVC with RAL9006 color
- Multi-position mounting of temperature sensor
- Complex corrosion protection of DHW (domestic hot water) tank realized by means of titanium enamel and two anode protectors
- All threads are internal
- Easy installation
- Heat exchanger coils enables the unit to work with different heat sources
- Optional kit for electric heating with nominal power 3kW; 4.5kW



**Energy Efficiency Directive 2010/30 /EU,  
Regulation 812/2013:**

**Class E - capacity from 600 to 1500 Liters.**



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)

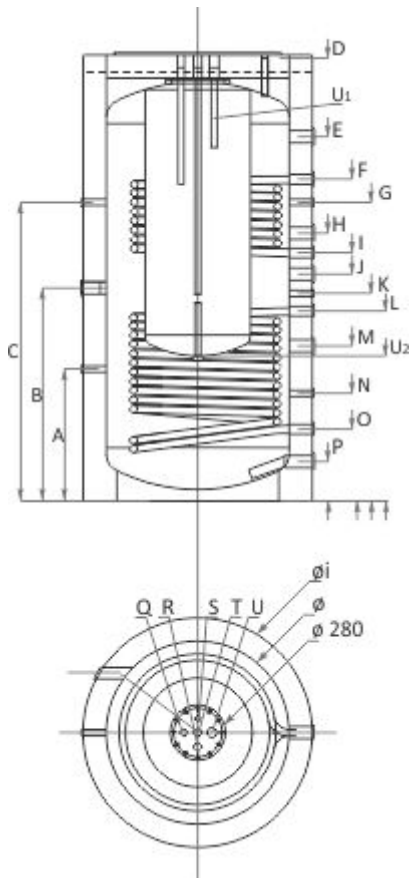
6. Safety valve, 8 bar

7. Lower heat exchanger coil S1

8. Upper heat exchanger coil S2



**Technical specification:**



		KSC 2 600/150	KSC 2 800/200	KCS 2 1000/220	KSC 2 1500/300	
Capacity	L	600	800	1000	1500	
Buffer capacity/DHW tank capacity	L	450/150	600/200	780/220	1200/300	
Height H / Min. vertical clearance	mm	1880/1970	1910/2020	2090/2185	2220/2375	
Diameter D /with insulation	mm	ø 650/850	ø 790/990	ø 790/990	ø 1000/1200	
Lower heat exchanger coil S1						
Heat exchange surface	m <sup>2</sup>	1.7	2.9	3.0	3.4	
Coil capacity	L	10.5	17.9	18.5	21.0	
Upper heat exchanger coil S2						
Heat exchange surface	m <sup>2</sup>	1.0	1.8	2.0	2.4	
Coil capacity	L	6.2	11.1	12.3	14.8	
Oper. pressure / max. coil temperature	bar/°C	16/110	16/110	16/110	16/110	
Oper. pressure / max. buffer temperature	bar/°C	3/95	3/95	3/95	3/95	
Oper. pressure / max. DHW tank temperature	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				
Electric heater (optional)	kW	3/4.5	3/4.5	3/4.5	3/4.5	
Weight	kg	195	237	267	460	
Sensor sleeve	A, mm G½"	440	570	580	875	
Electric heating element (optional)	B, mm G1½"	860	920	1130	1130	
Sensor sleeve	C, mm G½"	1440	1290	1500	1700	
Air vent sleeve	D, mm G½"	1880	1910	2090	2220	
Boiler heat carrier inlet/sleeve	E, mm G1½"	1550	1573	1742	1808	
Upper coil inlet S2	F, mm G1"	1300	1390	1520	1635	
Sensor sleeve	G, mm G½"	1150	1290	1450	1525	
Boiler heat carrier / sleeve	H, mm G1½"				1305	
Upper coil outlet S2	I, mm G1"	1020	1072	1172	1225	
Boiler heat carrier / sleeve	J, mm G1½"	910	980	1060	1130	
Sleeve	K, mm G½"				975	
Lower coil inlet S1	L, mm G1"	800	820	880	895	
Boiler heat carrier / sleeve	M, mm G1½"	650	670	730	765	
Sensor sleeve	N, mm G½"	490	465	495	520	
Lower coil outlet S1	O, mm G1"	280	310	310	375	
Boiler heat carrier / sleeve	P, mm G1½"	150	170	170	235	
DHW tank	Recirculation	Q, mm G¾"	1880	1910	2090	2220
	Hot water outlet	R, mm G1"	1880	1910	2090	2220
	Air vent sleeve	S, mm G½"	1880	1910	2090	2200
	Cold water inlet	T, mm G1"	1880	1910	2090	2220
	Anode protectors	U1 mm G1¼" U2 mm G1¼"	1880 850	1910 607	2090 647	2220 881