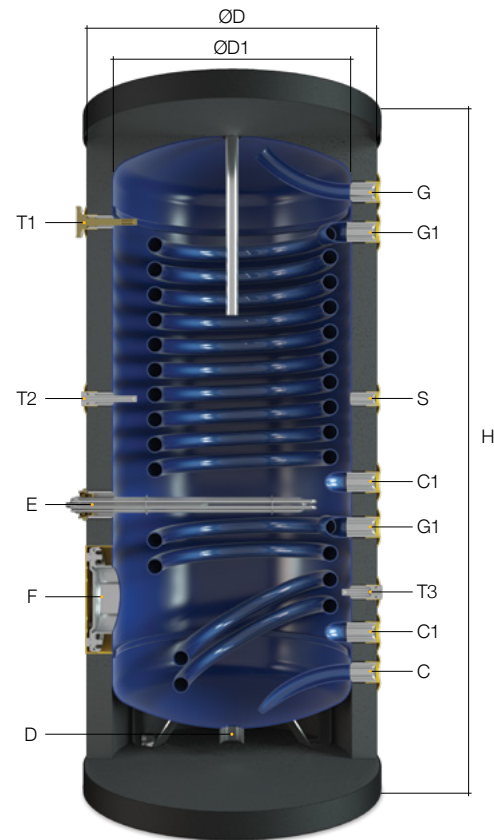


RSD Series

DOUBLE COIL BOILER

Pressure vessels with an enamel-coated inner surface transfer the heat from the heating fluids coming from two different heat sources to the hygienic water prepared inside the enamel-coated body using built-in heat exchangers (coils), producing hot and hygienic water. In RUSH double-coil hot water heaters, the large-surface-area heat exchanger (coil) uses hot water from boilers or cascade systems, while the lower heat exchanger can use heating fluid from solar energy systems. A closed circuit is created and circulation is provided by a pump. Thermostat inputs on the device allow for temperature control. Based on measurements from these inputs, flow is controlled by the pump. The inlet temperature and pump speed are adjusted according to the targeted heating time to ensure maximum efficiency. Higher temperatures can be achieved more quickly thanks to the backup electric heater input on the device.



RSD Series Technical Specifications

PRODUCT CODE		RSD200	RSD300	RSD500	RSD800	RSD1000	RSD1250	RSD1500	RSD2000	RSD2500	RSD3000
Volume	lt	200	300	500	800	1000	1250	1500	2000	2500	3000
ØD1	Inner Diameter	mm	480	480	640	850	850	960	1150	1150	1300
ØD	Outer Diameter	mm	580	580	740	1010	1010	1120	1310	1310	1460
H	Tank Height (± 30mm)	mm	1276	1826	1896	1756	2026	2076	1926	2236	2606
A	Anotd	inch	1¼"								
C	Cold Water Connection	inch	1"			1¼"					
D	Drainage	inch	1¼"								
E	Electric Resistance Connection	inch	1½"			2"					
F	Cleaning Flange	inch	4"			5"					
G	Hot Water Connection	inch	1"			1¼"					
S	Circulation Connection	inch	1/2"		3/4"		1"		1¼"		
T	Thermo. & Sensor Connection	inch	1/2"								
Steel Feeler Sleeve		STD/100 mm X 3 pcs									
Thermometer (0 - 120°C)		STD/Ø63 mm									
S1, S2	Coil Inlet - Outlet Connection	inch	1"			1¼"					
Design Pressure		bar	10								
Test Pressure		bar	13								
Max. Operating Pressure		bar	10								
Max. Water Temperature		°C	95								
Inner Coating		Enamel Coating (DIN 4753-3)									
Inner Coating Thickness		>250 µm (DIN 4753-3)									
Cathodic Protection		Mg Anod (DIN 4753-3)									
Insulation Type & Thickness		STD - 50mm Elsatomeric Rubber (42 kg/m³)			STD - 80 mm Soft PU (18 kg/m³)						
		OP - 50 mm Soft PU (18 kg/m³)									
		OP - 80 mm Soft PU (18 kg/m³)									
Outer Cover		STD - XLPE Cross-linked Polyethylene			Artificial Leather						
		OP - Artificial Leather									
		OP - Acrylonitrile Butadiene Styrene (ABS)									
Outer Cover Color		RAL 9005 - RAL 7016									

STD: Standard Hardware OP: Optional Hardware