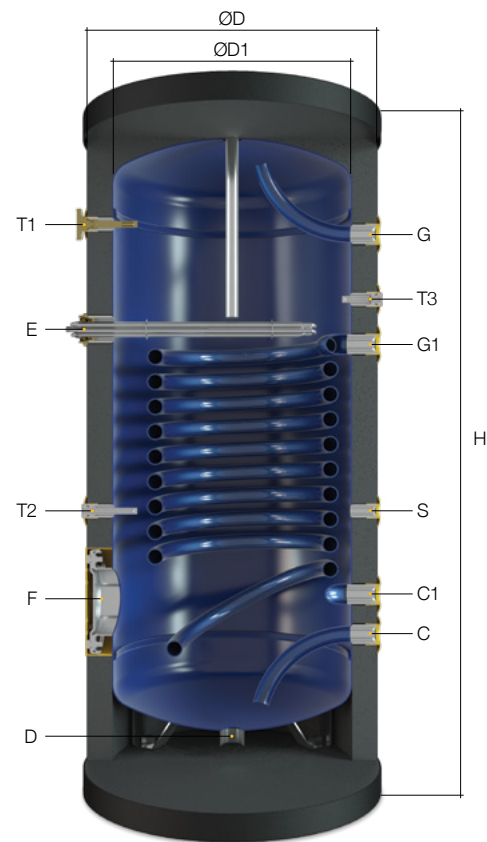


# RSS Series

## SINGLE COIL BOILER

Pressure vessels with an enamel-coated inner surface transfer the heat from the heating fluid coming from a single heat source to the hygienic water prepared inside the enamelcoated body using built-in heat exchangers (coils), producing hot and hygienic water. In RUSH single-coil hot water heaters, the heating fluid is typically hot water from boilers or cascade 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.



### RSS Series Technical Specifications

PRODUCT CODE		RSS100	RSS160	RSS200	RSS300	RSS500	RSS800	RSS1000	RSS1250	RSS1500	RSS2000	RSS2500	RSS3000	
Volume	lt	100	160	200	300	500	800	1000	1250	1500	2000	2500	3000	
ØD1	Inner Diameter	mm	380	480	480	640	850	850	960	1150	1150	1300	1300	
ØD	Outer Diameter	mm	480	580	580	740	1010	1010	1120	1310	1310	1460	1460	
H	Tank Height (± 30mm)	mm	1026	1116	1276	1826	1896	1756	2026	2076	1926	2236	2606	
A	Anod	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"			
T1	Thermo. & Sensor Connection	inch	1/2"											
T2/T3	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