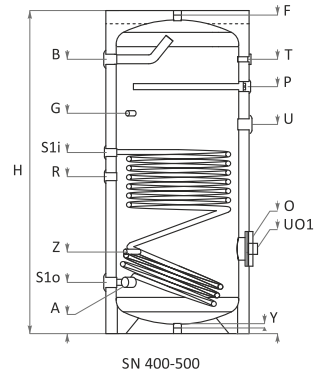
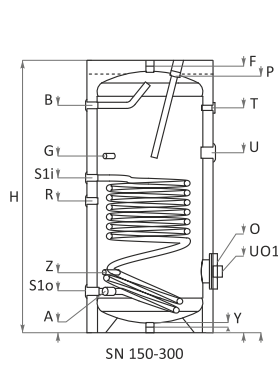
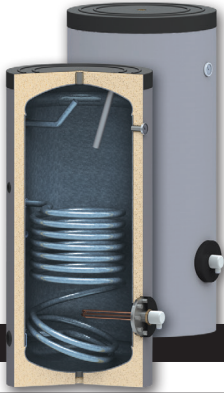


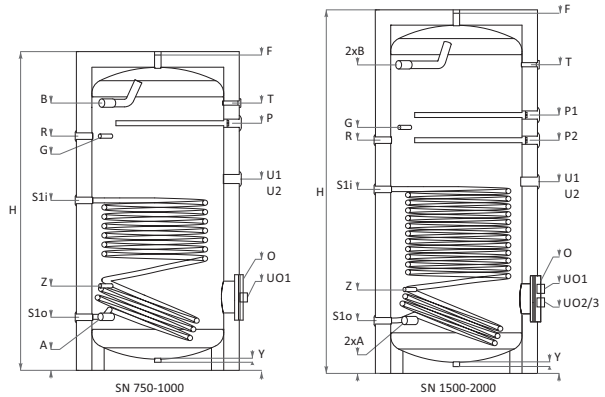
## 5.2. SN - with one coil



		SN 150	SN 200	SN 300	SN 400	SN 500
Capacity	L	150	200	300	400	500
Height / Min. vertical clearance	H, mm	1070/1210	1340/1460	1420/1580	1490/1670	1720/1890
Diameter	D, mm	∅ 560	∅ 560	∅ 660	∅ 750	∅ 750
Insulation	50 mm rigid PPU					
Oper. pressure / max. temperature	bar/°C	8/95	8/95	8/95	8/95	8/95
Test pressure of tank	bar	13	13	13	13	13
Electric heating element (optional)	kW	2 x (3÷6)	2 x (3÷6)	2 x (3÷6)	2 x (3÷7.5)	2 x (3÷7.5)
Weight	kg	59	73	104	145	167
Cold water inlet	A, mm	Rp1"/202	Rp1"/202	Rp1"/215	Rp1 1/4"/270	Rp1 1/2"/270
Hot water outlet	B, mm	Rp1"/868	Rp1"/1140	Rp1"/1170	Rp1 1/4"/1204	Rp1 1/2"/1453
Recirculation	R, mm	Rp 3/4"/450	Rp 3/4"/500	Rp 3/4"/663	Rp1"/673	Rp1"/831
Oper. pressure / max. Coil temp.S1	bar/°C	16/110	16/110	16/110	16/110	16/110
Test pressure S1	bar	25	25	25	25	25
Coil capacity S1	L	4.56	5.55	7.40	9.25	11.10
Heat exchange surface S1	m <sup>2</sup>	0.74	0.9	1.2	1.5	1.8
Coil inlet	S1i, mm, Rp1"	592	692	805	850	960
Coil outlet	S1o, mm, Rp1"	202	202	215	270	270
Prolonged power acc. to DIN 4708; 80°C/60°C/45°C, S1	kW (m3/h)	25(0.61)	29(0.71)	53(1.30)	62(1.52)	72(1.77)
NL – power coefficient at 60°C, S1	NL 60°C	2.5	4.5	11	13	18
Pressure drop Δp, S1	Δp, mbar	65	75	120	180	210
Sensor sleeve for thermostat	G, mm, Rp1/2"	738	892	995	950	1168
Air vent sleeve	F, mm, Rp1"	1070	1340	1410	1480	1710
Inspection opening/Flange	O, mm, ∅, mm	180/309 ∅ 110	180/309 ∅ 110	180/320 ∅ 110	180/450 ∅ 110	180/450 ∅ 110
Drain sleeve	Y, mm, Rp1"	20	20	20	20	20
Thermometer	T, mm, Rp1/2"	868	1138	1170	1204	1453
Anode	P, mm, Rp1 1/4"	1070	1340	1410	1079	1340
Sleeve for Electric element on water tank body	U, mm,	Rp1 1/2"/680	Rp1 1/2"/850	Rp1 1/2"/850	Rp1 1/2"/900	Rp1 1/2"/1130
Sleeve for El. element on inspection opening flange	Uo, mm,	Rp1 1/2"/309	Rp1 1/2"/309	Rp1 1/2"/320	Rp1 1/2"/450	Rp1 1/2"/450
Additional sensor sleeve	Z, mm, Rp1/2"	422	392	407	450	568

\* optional positioning of an electric heater

# INSTALLATION and OPERATION MANUAL



		SN 750	SN 1000	SN 1500	SN 2000
Capacity	L	750	1000	1500	2000
Height / Min. vertical clearance	H, mm	2000/2030	2050/2080	2310/2370	2310/2370
Diameter	D, mm	∅ 950	∅ 1050	∅ 1050	∅ 1350
Insulation	100 mm soft PPU, removable				
Oper. pressure / max. temperature	bar/°C	8/95	8/95	8/95	8/95
Test pressure of tank	bar	13	13	13	13
Electric heating element (optional)	kW	2 x (3÷7.5)	4 x (3÷7.5)	5 x (3÷7.5)	5 x (3÷7.5)
Weight	kg	242	286	392	712
Cold water inlet	A, mm	Rp1 <sup>1/2</sup> /300	Rp1 <sup>1/2</sup> /320	2 x Rp1 <sup>1/2</sup> /320	2 x Rp1 <sup>1/2</sup> /385
Hot water outlet	B, mm	Rp1 <sup>1/2</sup> /1630	Rp1 <sup>1/2</sup> /1700	2 x Rp1 <sup>1/2</sup> /1975	2 x Rp1 <sup>1/2</sup> /1885
Recirculation	R, mm	Rp1 <sup>1/2</sup> /1405	Rp1 <sup>1/2</sup> /1487	Rp1 <sup>1/2</sup> /1487	Rp1 <sup>1/2</sup> /1635
Oper. pressure / max. Coil temp.S1	bar/°C	16/110	16/110	16/110	16/110
Test pressure S1	bar	25	25	25	25
Coil capacity S1	L	12.95	16.65	18.50	25.28
Heat exchange surface S1	m <sup>2</sup>	2.1	2.7	3	4.1
Coil inlet	S1i, mm, Rp1 <sup>1/2</sup>	970	1070	1170	1265
Coil outlet	S1o, mm, Rp1 <sup>1/2</sup>	300	320	320	385
Prolonged power acc. to DIN 4708; 80°C/60°C/45°C, S1	kW (m3/h)	80(1.97)	105(2.58)	131(3.22)	180(4.42)
NL – power coefficient at 60°C, S1	NL 60°C	32	42	64	80
Pressure drop Δp, S1	Δp, mbar	210	260	310	420
Sensor sleeve for thermostat	G, mm, Rp1 <sup>1/2</sup>	1435	1487	1487	1685
Air vent sleeve	F, mm, Rp1 <sup>1/2</sup>	1950	2020	2320	2311
Inspection opening/Flange	O, mm, ∅, mm	280/450 ∅ 200	280/460 ∅ 200	280/460 ∅ 200	560/555 ∅ 400
Drain sleeve	Y, mm, Rp1 <sup>1/2</sup>	20	40	40	30
Thermometer	T, mm, Rp1 <sup>1/2</sup>	1630	1700	1975	1835
Anode	P, mm, Rp1 <sup>1/4</sup>	1435	1570	2 x 1570/1650	2 x 1625/1705
Sleeve for El. element on water tank body	U, mm,	Rp1 <sup>1/2</sup> /1040	2 x Rp1 <sup>1/2</sup> /1145	2 x Rp1 <sup>1/2</sup> /1220	2 x Rp1 <sup>1/2</sup> /1330
Sleeve for El. element on inspection opening flange	Uo, mm,	Rp1 <sup>1/2</sup> /450	2 x Rp1 <sup>1/2</sup> /460	3 x Rp1 <sup>1/2</sup> /460	3 x Rp1 <sup>1/2</sup> /555
Additional sensor sleeve	Z, mm, Rp1 <sup>1/2</sup>	535	520	520	745

\* optional positioning of an electric heater