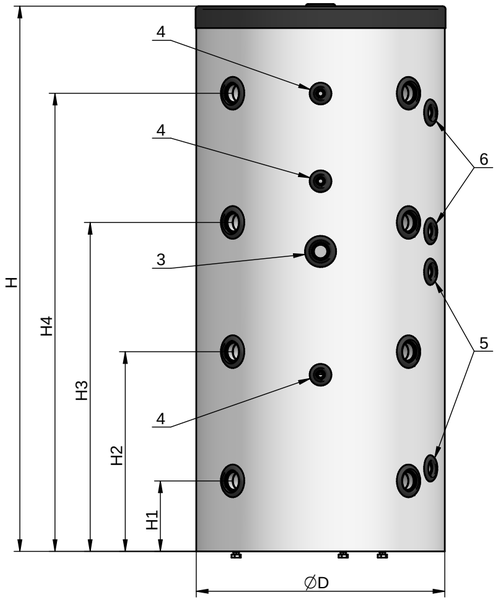
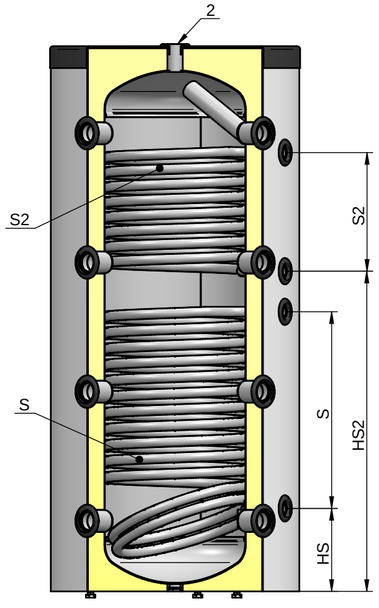
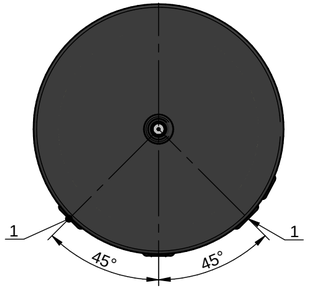






NON-ENAMELED BUFFER TANKS WITH TWO BLACK HEAT EXCHANGERS								
TECHNICAL DATA								
Model		BCS2 200K60G	BCS2 300K	BCS2 500K80	BCS2 750F	BCS2 1000F	BCS2 1500F	BCS2 2000F
Volume range		200	300	500	750	1000	1500	2000
Capacity	L	184	258	465	721	920	1455	1978
Water heating energy efficiency class		B	B	B	-	-	-	-
Standing loss heat	W	60	52	76	-	-	-	-
Rated pressure	MPa	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Operating temperature range	°C	5 / 95	5 / 95	5 / 95	5 / 95	5 / 95	5 / 95	5 / 95
Insulation thickness	mm	50	85	80	100 - removable	100 - removable	100 - removable	100 - removable
Gross weight	kg	67	96	144	193	230	-	414
HEAT EXCHANGER - S								
Max. working pressure	MPa	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Max. working temperature	°C	110	110	110	110	110	110	110
Surface area	m²	0.90	1.12	1.85	2.03	3.04	3.04	4.25
Volume	L	4.3	5.4	12.1	13.3	19.9	19.9	27.9
Pressure loss	mbar	45	50	20	20	30	30	40
HEAT EXCHANGER - S2								
Max. working pressure	MPa	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Max. working temperature	°C	110	110	110	110	110	110	110
Surface area	m²	0.45	0.86	1.15	1,22	2.03	2.03	2.73
Volume	L	2.2	4.1	7.5	7.9	13.3	13.3	17.9
Pressure loss	mbar	20	20	10	10	20	20	25
CONNECTIONS								
1: Inlet / Outlet		G1 1/2 F	G1 1/2 F	G2 F	G2 F	G2 F	G2 F	G2 F
2: Inlet / Outlet		G3/4 F	G3/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F
3: Additional socket		G1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F
4: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F
5: Heat exchanger - S		G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F	G1 F
6: Heat exchanger - S2		G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F	G1 F
DIMENSIONS								
D	mm	600	670	800	1050	1050	1250	1400
H	mm	1200	1605	1765	1630	1970	2210	2250
H1	mm	205	200	225	310	310	395	425
H2	mm	455	580	640	625	735	855	885
H3	mm	705	950	1055	940	1165	1315	1340
H4	mm	955	1330	1470	1250	1590	1775	1805
HS	mm	245	240	265	340	340	435	460
S	mm	360	530	630	470	630	730	730
HS2	mm	695	880	1025	910	1070	1255	1285
S2	mm	200	400	380	290	470	470	470

Some of the parameters/values in the table are calculated.