



### NON-ENAMELED BUFFER TANKS WITH TWO HEAT EXCHANGERS

#### TECHNICAL DATA

Model	...	BCS2 200K60	BCS2 300K	BCS2 500K80	BCS2 750K	BCS2 1000K	BCS2 1500F	BCS2 2000F
Volume group	...	200	300	500	750	1000	1500	2000
Energy efficiency class	...	B	B	B	-	-	-	-
Standing loss heat	W	49	52	76	65	82	161	186
Rated pressure	MPa	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Volume	L	184	258	465	721	920	1455	1978
Insulation thickness	mm	75	85	80	125	125	100	100
Gross weight	kg	72	96	144	202	255	342	414

#### HEAT EXCHANGERS

		BCS2 200K60	BCS2 300K	BCS2 500K80	BCS2 750K	BCS2 1000K	BCS2 1500F	BCS2 2000F
Surface area S1	m <sup>2</sup>	0.90	1.12	1.85	2.03	3.04	3.04	5.78
Volume S1	L	4.33	5.44	12.15	13.34	19.95	19.95	32.00
Pressure loss S1	mbar	120	50	35	30	35	35	35
Surface area S2	m <sup>2</sup>	0.38	0.86	1.15	1.22	2.03	2.03	2.73
Volume S2	L	1.82	4.18	7.53	7.99	13.34	13.34	17.97
Pressure loss S2	mbar	15	55	55	30	35	35	35

#### CONNECTIONS

		BCS2 200K60	BCS2 300K	BCS2 500K80	BCS2 750K	BCS2 1000K	BCS2 1500F	BCS2 2000F
1: Inlet / Outlet		G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G2 F	G2 F
2: S1		G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F	G1 F
3: S2		G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F	G1 F
5: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F
6: Additional socket		G1 1/2 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
7: Inlet / Outlet		G3/4 F	G3/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F	G2 F	G2 F

#### DIMENSIONS

		BCS2 200K60	BCS2 300K	BCS2 500K80	BCS2 750K	BCS2 1000K	BCS2 1500F	BCS2 2000F
A	mm	200	205	220	330	330	385	395
B	mm	260	235	260	360	360	425	435
C	mm	855	835	980	880	1050	1220	1230
D	mm	600	670	800	1100	1100	1250	1400
E	mm	1000	885	1040	930	1105	1245	1255
F	mm	515	575	635	645	760	845	855
G	mm	75	85	80	125	125	100	100
H	mm	1430	1605	1765	1675	2020	2210	2255
I	mm	550	530	630	470	630	730	730
J	mm	230	400	380	290	470	470	470
K	mm	855	945	1045	960	1190	1305	1315
L	mm	1180	1315	1460	1270	1620	1765	1775