



NON-ENAMELED BUFFER TANKS WITH TWO HEAT EXCHANGERS - S2

PARAMETERS								
Model	...	BCS2 200K60	BCS2 200K67	BCS2 300K	BCS2 500K80	BCS2 500K85	BCS2 750K	BCS2 1000K
Volume range	...	200	200	300	500	500	750	1000
Energy efficiency class	...	B	B	B	B	B	A	B
Rated pressure	MPa	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Lower heat exchanger surface area	m ²	0.90	0.86	1.12	1.85	1.85	2.03	3.04
Lower heat exchanger inside volume	L	4.33	4.18	5.44	12.15	12.15	13.34	19.95
Thermal power lower heat exchanger according EN 12897 (15-60°C; 15 l/min; 80°C)	kW	15.9	16.6	18.1	27.6	27.6	25	32.3
Warm-up time from 15-60 °C with lower heat exchanger (15 l/min; 80°C) (EN 12897)	min	30	26	30	43	43	65	70
Lower heat exchanger pressure drop (EN 12897)	mbar	80	80	75	40	40	30	35
Upper heat exchanger surface area	m ²	0.38	0.35	0.86	1.15	1.15	1.22	2.03
Upper heat exchanger inside volume	L	1.82	1.67	4.18	7.53	7.53	7.99	13.34
Standing loss	W	49	46	52	76	62	65	82
Gross weight	kg	72	69	96	148	152	202	255
Insulation type	...	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam
CONNECTIONS								
1: Inlet / Outlet		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
2: Upper heat exchanger		G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F
3: Lower heat exchanger		G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 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: 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	G3/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F
DIMENSIONS								
A	mm	200	195	205	220	220	330	330
B	mm	260	215	235	260	260	360	360
C	mm	855	675	835	980	980	880	1050
D	mm	600	670	670	800	850	1100	1100
E	mm	1000	725	885	1040	1040	930	1105
F	mm	515	445	575	635	635	645	760
G	mm	75	85	85	80	105	125	125
H	mm	1450	1215	1605	1765	1765	1675	2020
I	mm	550	390	530	630	630	470	630
J	mm	230	160	400	380	380	290	470
K	mm	855	695	945	1045	1045	960	1190
L	mm	1180	945	1315	1460	1460	1270	1620