



NON-ENAMELED BUFFER TANKS WITH TWO HEAT EXCHANGERS - S2

PARAMETERS

Model	...	BCS2 200K60	BCS2 300K	BCS2 500K80	BCS2 750K	BCS2 1000K
Volume range	...	200	300	500	750	1000
Energy efficiency class	...	B	B	B	A	B
Rated pressure	MPa	0.3	0.3	0.3	0.3	0.3
Lower heat exchanger surface area	m ²	0.90	1.12	1.85	2.03	3.04
Lower heat exchanger inside volume	L	4.33	5.44	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	18.1	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	30	43	65	70
Lower heat exchanger pressure drop (EN 12897)	mbar	80	75	40	30	35
Upper heat exchanger surface area	m ²	0.38	0.86	1.15	1.22	2.03
Upper heat exchanger inside volume	L	1.82	4.18	7.53	7.99	13.34
Standing loss	W	49	52	76	65	82
Gross weight	kg	72	96	144	221	255
Insulation type	...	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam

CONNECTIONS

		G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F
1: Inlet / Outlet		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	G1 F	G1 F	G1 F
3: Lower heat exchanger		G3/4 F	G3/4 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
5: Additional socket		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

DIMENSIONS

	mm	200	205	220	330	330
A	mm	200	205	220	330	330
B	mm	260	235	260	360	360
C	mm	855	835	980	880	1050
D	mm	600	670	800	1100	1100
E	mm	1000	885	1040	930	1105
F	mm	515	575	635	645	760
G	mm	75	85	80	125	125
H	mm	1430	1605	1765	1675	2020
I	mm	550	530	630	470	630
J	mm	230	400	380	290	470
K	mm	855	945	1045	960	1190
L	mm	1180	1315	1460	1270	1620