

# INOX DOMESTIC HOT WATER TANKS

## TB

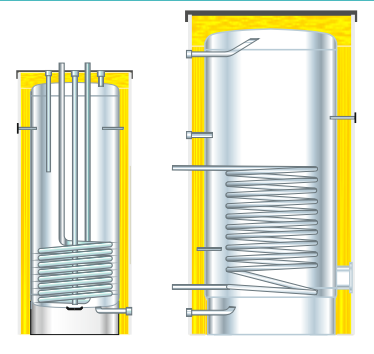
120 - 850 (inox)

The TB 120, 150, 200, 300, 600 and 850 stainless steel (inox) domestic hot water tanks, are engineered for heating and storage of domestic hot water with the connection to the boiler circuit or to some other heat source. Often they are connected to solar systems for additional storage alongside a STB, inox solar domestic hot water tanks. The domestic hot water tanks are made of stainless steel, which assures a high level of hygiene. Use of the latest technologies, the quality of the material and carefully researched development gives efficient heat exchange and minimal heat loss. Produced in compliance with ISO 9001 and ISO 14001 norms.



### TECHNICAL DATA OF TB STAINLESS STEEL DOMESTIC HOT WATER TANKS:

TB		120	150	200	300	600	850
Capacity	(l)	121	150	200	294	545	860
Nom. heat output <sup>(1)</sup> 80°C	(kW)	16,6	24,7	33,1	50,1	76,6	109,9
	(l/h)	408	605	814	1226	1876	2691
Heating water flow	(m <sup>3</sup> /h)	1,5	1,5	1,5	3	3	3
Heat exch. surface	(m <sup>2</sup> )	0,42	0,63	0,83	1,32	2,12	3,17
Heating water content	(l)	1,9	2,8	3,8	7,4	11,8	17,7
Tanks mass	(kg)	36	39	46	62	118	151
Width/Height	(mm)	640/1020	640/1210	640/1420	640/1900	810/1995	960/1940
Heat exchanger inlet/outlet	(R)	3/4"	3/4"	3/4"	1"	1"	1"
Domestic water inlet/outlet	(R)	3/4"	3/4"	3/4"	3/4"	5/4"	5/4"
Max. operating pressure	(bar)	6	6	6	6	6	6
Energy efficiency class		B	C	C	C	C	C



<sup>(1)</sup>entering temperature of the tank hot water 80°C, domestic hot water 10/45°C

## STB

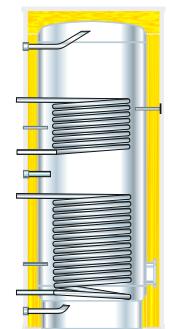
200 - 850 (inox)

The STB 200, 300, 600 and 850 stainless steel (inox) solar domestic hot water tanks, are engineered for the heating and storage of domestic hot water from solar energy and from other sources of heating. The tanks are made of stainless steel, which assures high level of hygiene. Use of the latest technologies and carefully researched development delivers the most economical use of all available energy sources. Possible upgrade of the system with digital solar controller Cm-Sol. Produced in compliance with ISO 9001 and ISO 14001 norms.



### TECHNICAL DATA OF STB INOX SOLAR DOMESTIC HOT WATER TANKS:

STB		200		300		600		850	
Capacity	(l)	198		283		537		850	
Tube heat exchanger		upper	lower	upper	lower	upper	lower	upper	lower
	Nominal heat output <sup>(1)</sup> 80°C	(kW)	16,1	33,1	19,5	37,4	37,6	63,7	53,1
	(l/h)	395	814	479	916	922	1561	1299	2053
Heating surface	(m <sup>2</sup> )	0,42	0,83	0,53	1,06	1,06	2,12	1,06	2,12
Heating water content	(l)	1,9	3,8	3,0	5,9	5,9	11,8	8,8	17,7
Heating water flow	(m <sup>3</sup> /h)	1,5		3	1,5	3	1,5	1,59	3,17
Tank dimensions Ø / height	(mm)	640/1420		640/1900		810/1995		960/1940	
Boiler heat exchanger inlet/outlet	(R)	3/4"		1"		1"		1"	
Solar heat exchanger inlet/outlet	(R)	3/4"		1"		1"		1"	
Max. operating pressure	(bar)	6		6		6		6	
Tank mass	(kg)	49		66		125		162	
Energy efficiency class		C		C		C		C	



<sup>(1)</sup>entering temperature of the tank hot water 80°C, domestic hot water 10/45°C

HEATING TECHNIQUE

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# ENAMELLED DOMESTIC HOT WATER TANKS

## SF/E

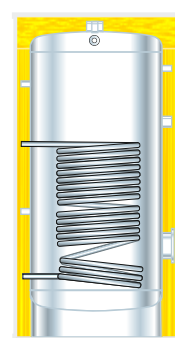
150 - 1000 lit. (enamelled)

The SF/E enamelled domestic hot water tanks with volumes of 150, 200, 300, 400, 500, 600, 800 and 1000 litres, are engineered for heating and storage of domestic hot water with the connection to the boiler circuit or to some other heat source. The storage tanks are made from high quality steel in accordance with EN 10025. The storage tanks are designed, manufactured and certified in accordance with EN 12897:2014. Dual-fired two-layer enamelling in accordance with DIN 4753. Generous magnesium protection anode in accordance with DIN 4753-3. Storage tanks with separate insulation are coated on the exterior with an anticorrosion paint. The storage tanks have one large-surface heat exchanger.



### TECHNICAL DATA OF SF/E ENAMELLED DOMESTIC HOT WATER TANKS:

SF/E		150	200	300	400	500	600	800	1000
Capacity	(l)	144	191	304	408	498	562	830	925
Nominal heat output <sup>(1)</sup> 80°C	(kW)	14,7	19,1	23,6	28,0	35,3	35,3	54,5	54,4
	(l/h)	362	471	580	688	870	870	1339	1339
Heating water flow	(m <sup>3</sup> /h)	1,3	1,6	2,0	2,4	3,0	3,0	4,7	4,7
Heat exch. surface	(m <sup>2</sup> )	1,0	1,3	1,6	1,9	2,4	2,4	3,7	3,7
Heating water content	(l)	5,8	7,8	9,9	12,4	15,5	15,5	24,2	24,2
Tank mass	(kg)	69	87	116	136	161	173	258	274
Width/Height	(mm)	600/950	600/1215	650/1570	750/1500	750/1800	750/2000	990/1990	990/2190
Tank water inlet/outlet	(G")	1"	1"	1"	1"	1"	1"	1 1/4"	1 1/4"
Domestic water inlet/outlet	(G")	1"	1"	1"	1"	1"	1"	1 1/4"	1 1/4"
Max. operating pressure	(bar)	6	6	6	6	6	6	6	6
Energy efficiency class		A	A	B	B	B	B	C	C

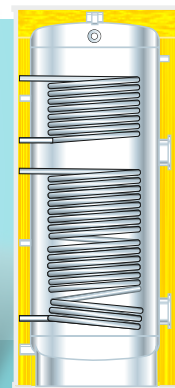


<sup>(1)</sup>entering temperature of the tank hot water 80°C, domestic hot water 10/45°C

## DSFF/E

150 - 1000 lit. (enamelled)

The DSFF/E enamelled solar domestic hot water tanks with volumes of 200, 300, 600, 800 and 1000 litres, are engineered for the heating and storage of domestic hot water from solar energy and from other sources of heating. The storage tanks are made from high quality steel in accordance with EN 10025. The storage tanks are designed, manufactured and certified in accordance with EN 12897:2014. Dual-fired two-layer enamelling in accordance with DIN 4753. Generous magnesium protection anode in accordance with separate insulation are coated on the exterior with an anticorrosion paint. The storage tanks have two large-surface heat exchangers. Possible upgrade of the system with digital solar controller Cm-Sol.



### TECHNICAL DATA OF DSFF/E ENAMELLED SOLAR DOMESTIC HOT WATER TANKS:

DSFF/E		200		300		400		500		600		800		1000	
Capacity	(l)	191		304		408		498		562		830		925	
Tube heat exchanger		upper	lower	upper	lower	upper	lower	upper	lower	upper	lower	upper	lower	upper	lower
	Nominal heat output <sup>(1)</sup> 80°C	(kW)	7,4	14,7	13,3	23,6	11,8	28,0	19,2	35,3	28	35,3	26,5	54,5	32,4
	(l/h)	181	362	326	580	290	688	471	870	687	870	651	1339	796	1339
Heating surface	(m <sup>2</sup> )	0,5	1	0,9	1,6	0,8	1,9	1,3	2,4	1,9	2,4	1,8	3,7	2,2	3,7
Heating water content	(l)	2,9	5,8	5,7	9,9	4,5	12,4	8,5	15,5	12,3	15,5	15	24,2	18,6	24,2
Heating water flow	(m <sup>3</sup> /h)	0,7	1,3	1,2	2,0	1,2	2,4	1,7	3,0	2,4	3,0	2,3	4,7	2,8	4,7
Tank dimensions Ø / height	(mm)	600/1215		650/1570		750/1500		750/1800		750/2000		990/1990		990/2190	
Water inlet/outlet-boiler circuit	(G")	1"		1"		1"		1"		1"		1 1/4"		1 1/4"	
Water inlet/outlet-solar circuit	(G")	1"		1"		1"		1"		1"		1 1/4"		1 1/4"	
Max. operating pressure	(bar)	6		6		6		6		6		6		6	
Tank mass	(kg)	98		134		152		185		205		279		318	
Energy efficiency class		A		B		B		B		B		B		B	

<sup>(1)</sup>entering temperature of the tank hot water 80°C, domestic hot water 10/45°C

HEATING TECHNIQUE

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