

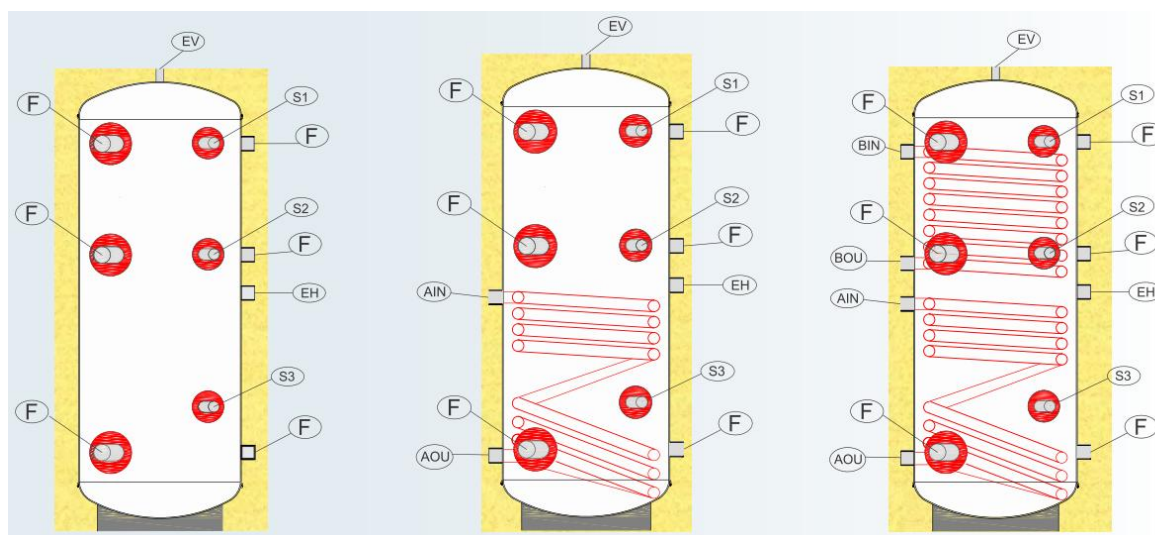
BUFFER TANKS 500-2000L FOR SOLAR HEATING

Three options: without / single / double coil

ARTICLE NUMBER	DIMENSIONS		CAPACITY (lt)	WEIGHT EMPTY (kg)
	Diameter (mm)	Height (mm)		
COS-500-0P	850	1800	520	117
COS-800-0P	1050	1800	830	170
COS-1000-0P	1050	2000	1040	195
COS-1500-0P	1400	1800	1626	267
COS-2000-0P	1400	2000	1905	302

ARTICLE NUMBER	DIMENSIONS		CAPACITY (lt)	WEIGHT EMPTY (kg)
	Diameter (mm)	Height (mm)		
COS-500-1P	850	1800	505	147
COS-800-1P	1050	1800	817	215
COS-1000-1P	1050	2000	1023	245
COS-1500-1P	1400	1800	1603	324
COS-2000-1P	1400	2000	1880	362

ARTICLE NUMBER	DIMENSIONS		CAPACITY (lt)	WEIGHT EMPTY (kg)
	Diameter (mm)	Height (mm)		
COS-500-2P	850	1800	497	165
COS-800-2P	1050	1800	800	240
COS-1000-2P	1050	2000	998	275
COS-1500-2P	1400	1800	1579	362
COS-2000-2P	1400	2000	1865	404



REMARKS:

- all above buffer tanks can take electrical element: 1.5 – 4kw or three-phase 6 -9 kw.
- under request all above tanks can be manufactured for closed COOLING
- upon request the outer cover might be metallic for outdoors installation.

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- **Material:** steel.
- **Working pressure:** 4 bar
- **Maximum working pressure:** 6 bar
- **Maximum working temperature:** 95°C
- **insulation:** soft PU, 100 mm thick
- **Coils:** steel
- **Maximum working pressure of the coils:** 16 bar
- **Maximum working temperature:** 160°C
- **Energy label:** C (only for models of 500, 800 and 1.000L)

TECHNICAL CHARACTERISTICS		COS-500	COS-800	COS-1000	COS-1500	COS-2000
Internal diameter	mm	650	850	850	1200	1200
External diameter	mm	850	1050	1050	1400	1400
Height	mm	1800	1800	2000	1800	2000
Maximum working temperature of the tank	°C	95				
Maximum working pressure of the tank	Bar	6				
Maximum working pressure of the coils	Bar	16				
Insulation type		Soft P.U.				
Insulation thickness	mm	100				
Maximum working pressure of the coils	Bar	130				
Coil B exchange surface (burner)	m ²	1.20	1.75	2.00	3.00	3.20
Coil A exchange surface (solar)	m ²	2.00	2.75	3.00	3.30	3.80
Coil B capacity (burner)	L	7.80	10.90	13.40	20.10	22.00
Coil A capacity (solar)	L	12.40	17.20	18.80	21.00	24.00
Coil B diameter (BIN/BOU)	Inch	1"				
Coil A diameter (AIN/AOU)	Inch	1"				
No of free outlets F		6				
Diameter of free outlets F	Inch	1 ½"	1 ½"	1 ½"	3"	3"
Electrical element socket EH		Available				
Diameter of the electrical element socket EH	Inch	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
Ventilation socket EV		Available				
Diameter of the ventilation socket EV	Inch	1"				
Sensor sockets S1, S2, S3	Inch	½"				