

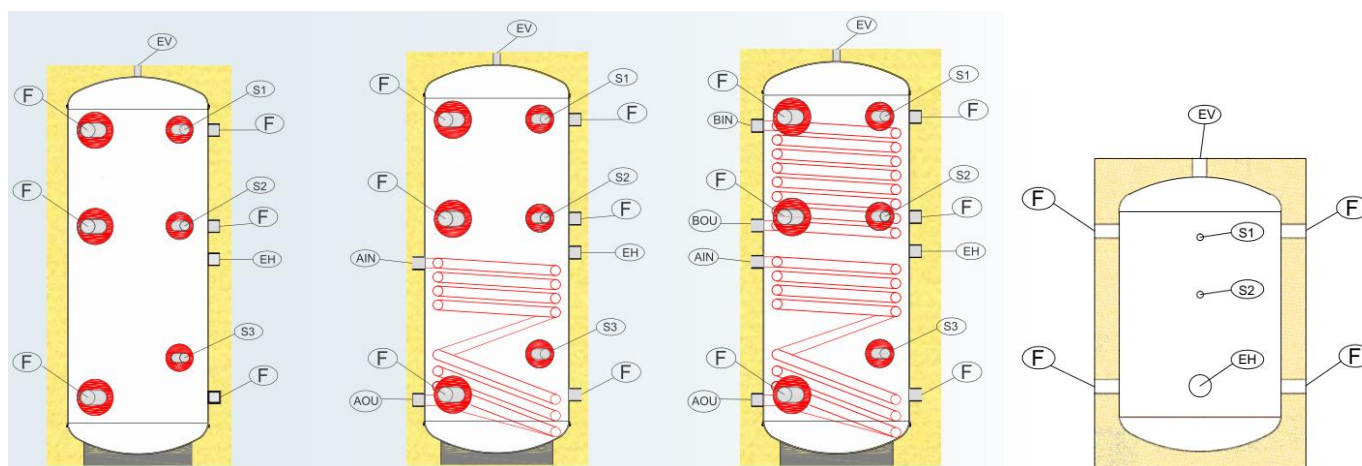
SPECIAL BUFFER TANKS FROM 40 TO 300L WITH METALIC OUTER COVER IDEAL FOR OUTDOORS INSTALALTION
For heating or cooling closed loops

ARTICLE NUMBER	POSITIONING	DIMENSIONS		CAPACITY (lt)	WEIGHT EMPTY (kg)
		Diameter (mm)	Height (mm)		
COS-40-0P	Vert. wall / floor mounted	500	500	40	15
COS-60-0P	Vert. wall / floor mounted	500	665	60	20
COS-80-0P	Vert. wall / floor mounted	500	835	80	25
COS-110-0P	Vert. floor mounted	500	1100	110	30
COS-150-0P	Vert. floor mounted	500	1280	150	50
COS-200-0P	Vert. floor mounted	580	1280	186	56
COS-300-0P	Vert. floor mounted	580	1930	290	85

ARTICLE NUMBER	POSITIONING	DIMENSIONS		CAPACITY (lt)	WEIGHT EMPTY (kg)
		Diameter (mm)	Height (mm)		
COS-110-1P	Vert. floor mounted	500	1100	110	38
COS-150-1P	Vert. floor mounted	500	1280	150	62
COS-200-1P	Vert. floor mounted	580	1280	186	71
COS-300-1P	Vert. floor mounted	580	1930	290	108

ARTICLE NUMBER	POSITIONING	DIMENSIONS		CAPACITY (lt)	WEIGHT EMPTY (kg)
		Diameter (mm)	Height (mm)		
COS-150-2P	Vert. floor mounted	500	1280	150	72
COS-200-2P	Vert. floor mounted	580	1280	186	83
COS-300-2P	Vert. floor mounted	580	1930	290	123

- Expanded P.U. insulation 50mm thick.
- All buffers are suitable for outdoors

IDEALS FOR COOLING CIRCUITS

Without coil
Single coil
Double coil
40, 60, 80 and 110 L
BUFFER TANKS 150 – 300L
REMARK:

for all above buffer tanks, electrical elements are available (upon request) of 1.5 – 4kw or three-phase of 6 and 9kw.

BUFFER TANKS FOR CLOSED LOOPS OF HEATING AND COOLING CIRCUITS

- **Outer cover** aluminum protected with powder coating (electrostatical painting)
- **Working pressure:** 4 bar.
- **Maximum working pressure:** 6 bar.
- **Maximum working temperature:** 95°C.
- **Material:** steel.
- **Insulation:** expanded PU 50mm thick with density 52kg/m³

TECHNICAL CHARACTERISTICS		Cos 40	Cos 60	Cos 80	Cos 110	Cos 150	Cos 200	Cos 300
Energy class		C	C	C	C	C	C	C
Internal diameter	mm	400	400	400	400	400	480	480
External diameter	mm	500	500	500	500	500	580	580
Height	mm	500	665	835	1100	1280	1280	1930
Tank's thickness	mm	2	3	3	3	3	3	3
Maximum working temperature	°C	95						
Maximum working pressure	Bar	4						
Maximum working pressure of the coils	Bar	16						
Insulation		P.U.	P.U.	P.U.	P.U.	P.U.	P.U.	P.U.
Insulation thickness	mm	50	50	50	50	50	50	50
Maximum working temperature of the coils	°C	130						
Coil B surface (burner)	m ²	-	-	-	0,55	0,55	0,80	1,00
Coil A surface (solar)	m ²	-	-	-	-	0,80	1,00	1,55
Coil B capacity (burner)	L	-	-	-	3,10	3,30	5,10	6,50
Coil A capacity (solar)	L	-	-	-	-	5,10	6,50	10,00
Coil B diameter (BIN/BOU)	Inch	-	-	-	-	1'	1'	1'
Coil A diameter (AIN/AOU)	Inch	-	-	-	1'	1'	1'	1'
*Coil B production (burner)	Kw	-	-	-	-	10,40	13,60	16,40
	lt/h	-	-	-	-	900	900	900
*Coil A production (solar)	Kw	-	-	-	10,40	13,10	14,40	22,90
	lt/h	-	-	-	900	900	900	900
No of free outlets F		4	4	4	4	4	4	6
Diameter of free outlets F	Inch	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
Electrical resistance socket EH		available						
Diameter of the electrical resistance socket EH	Inch	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
Ventilation socket EV		available						
Diameter of the ventilation socket EV	Inch	½"	½"	½"	½"	½"	½"	½"
Sensor socket S1	Inch	½"	½"	½"	½"	½"	½"	½"
Sensor socket S2	Inch	-	-	-	½"	½"	½"	½"
Sensor socket S3	Inch	-	-	-	-	½"	½"	½"

(*) coil's input temperature 80°C. Tank's initial temperature 15°C. Tank's final temperature 60°C.

connection drawing

