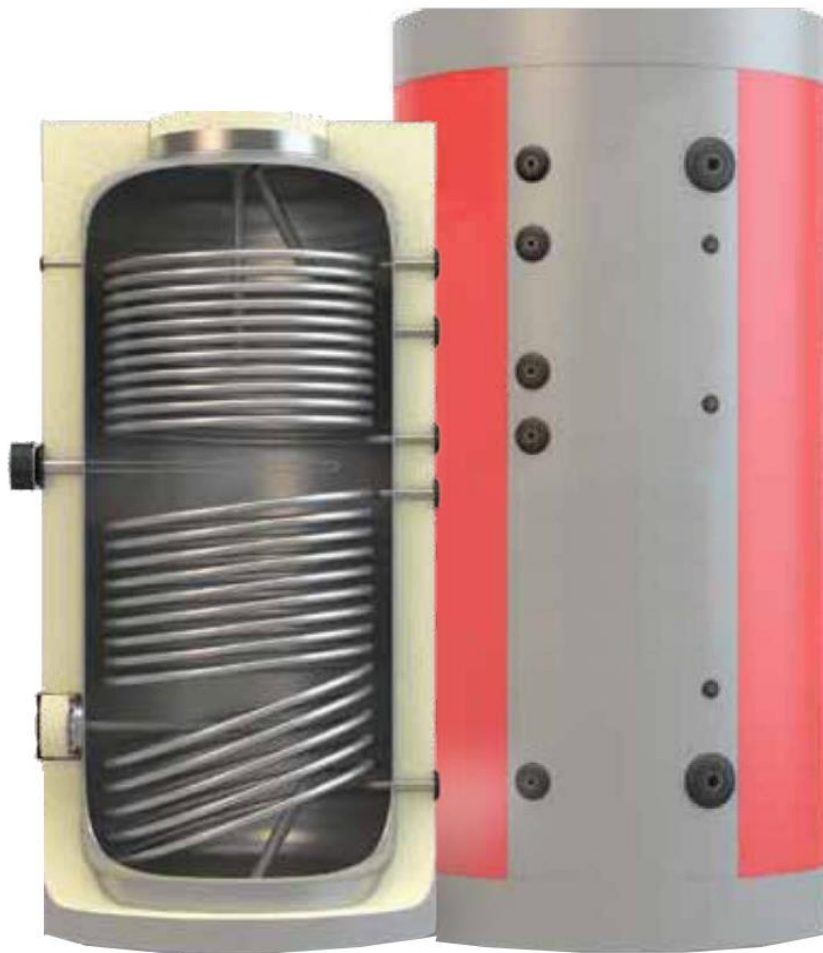




**Floor standing
DHW (Domestic Hot Water) storage tanks
for Forced Circulation Solar systems**

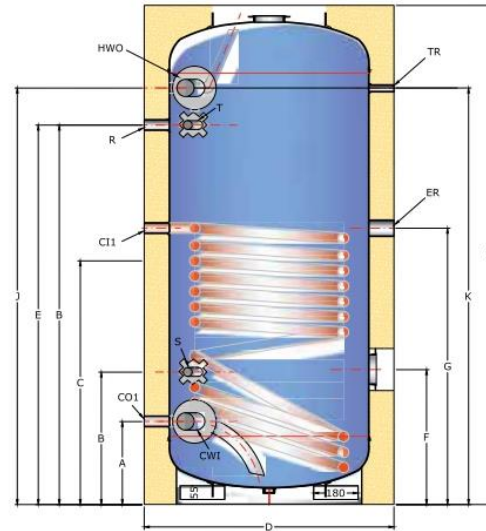


Floor standing single coil DHW storage tanks

- **Material:** Steel sheet EN-10130 Al DC0-1 DCP
- **Welding:** Metal-Tungsten Inert Gas welding
- **Protection coating:** Protection Coating: High quality glass – Enamel and magnesium anode protection
- **Maximum working pressure:** 10 bar
- **Maximum water test pressure:** 16 bar
- **Maximum operating temperature:** 95°C
- **Insulation:** Soft Polyurethane foam of 100mm thickness, vinyl external.
- **Coil type exchanger:** Steel Tube
- **Maximum exchanger test pressure:** 25 bar
- **Back up electric heater:** Upon request
- **Flange:** Diameter Ø 170 mm

For all Forced Circulation systems where Solar DHW storage tanks enamelled, epoxy protected and combined are included, it is necessary:

- Installation of expansion vessel/s,
- Security pressure relief valve/s
- Cathodic protection anode for both primary and secondary circuits.

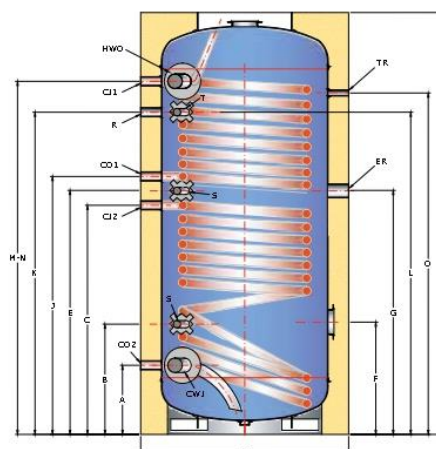


	PART Nr.	BLTGL750	BLTGL1000
	Total actual capacity	757	881
	Exchanger's actual capacity	15,20	19,20
	Exchanger S1 inlet/outlet	1"	1"
	Exchanger's area (m²)	3,02	2,39
	Exchanger's diameter	1"	1"
	Cold water inlet	1½"	1½"
	Hot water outlet	1½"	1½"
	Anode - Flange diameter	1"	1"
	Output, th. fluid 90°C, water from 10° to 45° (kW/L/h)	30,15 900	39,5 900
A	Cold water inlet	305	280
J	Hot water outlet	1475	1670
C	Exchanger S1 inlet	995	1040
A	Exchanger S1 outlet	305	265
B	Recirculation	1285	1470
F	Flange - manhole	515	485
H	Total height	1800	2000
E	Thermostat	1285	1480
K	Thermometer	1410	1670
G	Back-up heating element posit.	1040	1150
D	Diameter	Ø1000	Ø1000
	Diagonal (mm)	2059,1	2236,1
	Operation pressure (bars)	10	10
	Total weight	228	243

Back-up electric element is not included. To be ordered separately at capacity required.

Floor standing double coil DHW storage tanks

- **Material:** Steel sheet EN-10130 Al DC0-1 DCP
- **Welding:** Metal-Tungsten Inert Gas welding
- **Protection coating:** High quality glass – Enamel and magnesium anode protection
- **Maximum working pressure:** 10 bar
- **Maximum water test pressure:** 16 bar
- **Maximum operating temperature:** 95°C
- **Insulation:** Soft Polyurethane foam of 100mm thickness, vinyl external.
- **Coil type exchanger:** Steel Tube
- **Maximum exchanger test pressure:** 25 bar
- **Back up electric heater:** Upon request
- **Flange:** Diameter Ø 170 mm



For all Forced Circulation systems where Solar DHW storage tanks enamelled, epoxy protected and combined are included, it is necessary:

- Installation of expansion vessel/s,
- Security pressure relief valve/s
- Cathodic protection anode for both primary and secondary circuits.

PART Nr.	BLLTGL750/2	BLLTGL1000/2
Total actual capacity	747,10	865,40
Exchanger's actual capacity	23,80	31,70
Exchanger S1 & S2 inlet/outlet	1"	1"
Exchanger's S1 & S2 area (m²)	1,35 / 2,39	1,97 / 3,02
Exchanger's diameter	1"	1"
Cold water inlet	1½"	1½"
Hot water outlet	1½"	1½"
Drainage	1"	1"
Anode - Flange diameter	Ø170 & Ø170	Ø170 & Ø170
S1 Output, th. fluid 90°C, water from 10° to 45° (kW/L/h)	27,20 476,40	37,10 632,60
S2 Output, th. fluid 90°C, water from 10° to 45° (kW/L/h)	30,15 900	38,5 900
A Cold water inlet	305	290
N Hot water outlet	1475	1670
J Exchanger S1 inlet	1135	1230
A Exchanger S2 inlet	305	280
M Exchanger S1 inlet	1435	1679
C Exchanger S2 inlet	995	1055
K Recirculation	1285	1507
E Temp. sensor	1025	1142,5
G Back-up heating element posit.	1025	1142,5
H Total height	1800	2000
L Thermostat	1325	1532
O Thermometer	1420	1725
B Temp. sensor	505	515
F Flange - manhole	555	485
D Diameter	Ø1000	Ø1000
Total weight	231	273

Back-up electric element is not included. To be ordered separately at capacity required.



**Floor standing
DHW (Domestic Hot Water) storage tanks
with removable coil type heat exchangers**

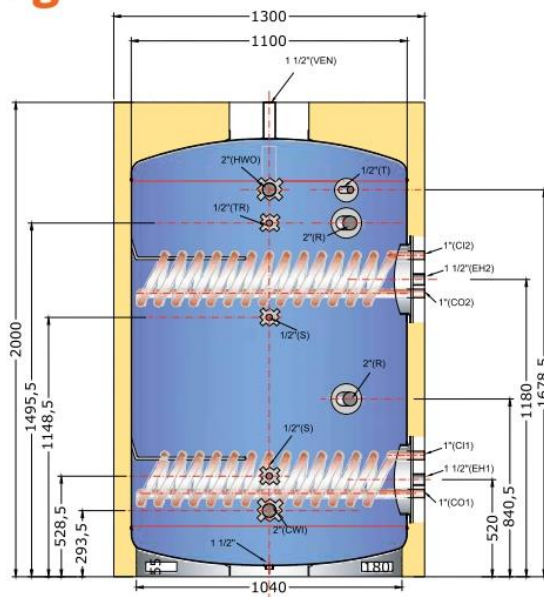




THERSOL

Floor standing 1500 lit. storage tanks with two removable heat exchangers

- Material: Steel sheet 5mm
- Protection Coating: Epoxy resin coating.
Anode rod protection
- Coil type excahnger: Steel Tube
- Maximum Working Pressure: 10 bar
- Maximum operating temperature: 95°C
- Maximum exchanger pressure: 25 bar
- Insulation: Soft Polyurethane foam of 100mm thickness
- Outer shell: Soft PVC fabric removable
(steel outer shell on order)
- Back up electric Heater: Not included



For all Forced Circulation systems where Solar DHW storage tanks enamelled, epoxy protected and Combined are included, it is necessary:

- installation of expansion vessel/s,
- security pressure relief valve/s
- cathodic protection anode for both primary and secondary circuits.

SYMBOL LEGEND	
CWI	Cold Water Inlet
HWO	Hot Water Outlet
R	Recirculation
VEN	Ventilation
CI	Exchanger inlet
CO	Exchanger outlet
S	Temp. sensor
T	Thermostat
TR	Thermostat
EL	Electric back-up element

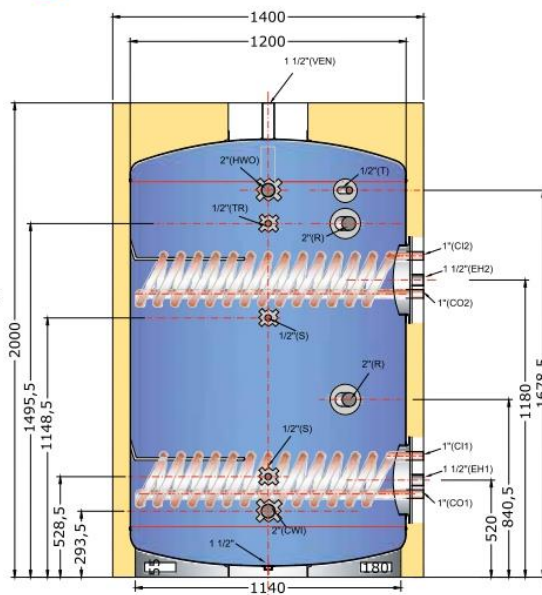
PART NUMBER		BLLTR1500		
Nominal capacity		1500		
Actual capacity		1480		
Area of outer shell (m ²)		8		
Flange - manhole Nr. / inner diam. / Outer diam.		2 / ø420 / ø508		
Tank Body weight (Kg)		420		
Exchanger weight 3,2m ² (Kg)		78		
Exchanger weight 5,4m ² (Kg)		109		
Total weight of outer shell weight (kg)		20		
Possible Exchanger Configurations	Exchanger S1 (S1 in m ²) + Exchanger S2 (S2 in m ²) = Total (m ²)	a. S1 + S2 = 3,2 + 3,2 = 6,4 b. S1 + S2 = 5,4 + 3,2 = 8,6 c. S1 + S2 = 5,4 + 5,4 = 10,8		
Total weight in regard with different configurations (kg)		596 Kg (6,4m ²)	627 Kg (8,6m ²)	658 Kg (10,8m ²)
Diagonal (mm)		2385,3		

Back-up electric element is not included. To be ordered separately.

Floor standing 2000 lit. storage tanks with two removable heat exchangers

- Material: Steel sheet 5mm
- Protection Coating: Epoxy resin coating.
Anode rod protection
- Coil type exchanger: Steel Tube
- Maximum Working Pressure: 10 bar
- Maximum operating temperature: 95°C
- Maximum exchanger pressure: 25 bar
- Insulation: Soft Polyurethane foam of 100mm thickness
- Outer shell: Soft PVC fabric removable
(steel outer shell on order)
- Back up electric Heater: Not included

SYMBOL LEGEND	
CWI	Cold Water Inlet
HWO	Hot Water Outlet
R	Recirculation
VEN	Ventilation
CI	Exchanger inlet
CO	Exchanger outlet
S	Temp. sensor
T	Thermostat
TR	Thermostat
EL	Electric back-up element



For all Forced Circulation systems where Solar DHW storage tanks enamelled, epoxy protected and Combined are included, it is necessary:

- installation of expansion vessel/s,
- security pressure relief valve/s
- cathodic protection anode for both primary and secondary circuits.

PART NUMBER		BLLTR2000		
Nominal capacity		2000		
Actual capacity		1940		
Area of outer shell (m ²)		9,3		
Flange - manhole Nr. / inner diam. / Outer diam.		2 / ø420 / ø508		
Tank Body weight (Kg)		490		
Exchanger weight 3,2m ² (Kg)		78		
Exchanger weight 5,4m ² (Kg)		109		
Total weight of outer shell weight (kg)		24		
Possible Exchanger Configurations	Exchanger S1 (S1 in m ²) + Exchanger S2 (S2 in m ²) = Total (m ²)	a. S1 + S2 = 3,2 + 3,2 = 6,4 b. S1 + S2 = 5,4 + 3,2 = 8,6 c. S1 + S2 = 5,4 + 5,4 = 10,8		
Total weight in regard with different configurations (kg)		670 Kg (6,4m ²)	701 Kg (8,6m ²)	732 Kg (10,8m ²)
Diagonal (mm)		2441,3		

Back-up electric element is not included. To be ordered separately.



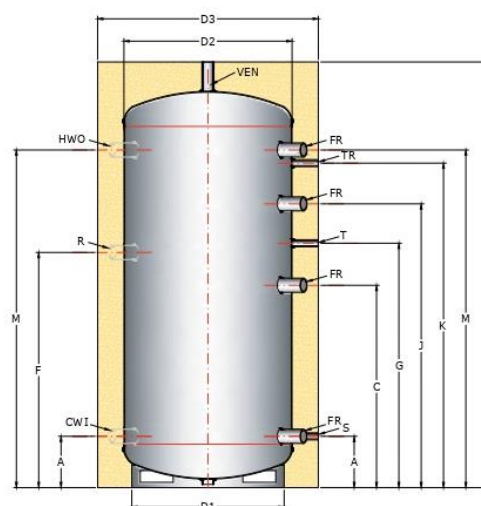
Buffer tanks and Combined DHW storage tanks



Buffer tanks

No exchanger

	500L	750L	1000L	1500L	2000L
A	235	280	320	340	395
B	-	-	-	-	-
C	810	855	1000	950	855
D1	Ø580	Ø750	Ø750	Ø1040	Ø1140
D2	Ø640	Ø800	Ø800	Ø1100	Ø1200
D3	Ø840	Ø1000	Ø1000	Ø1300	Ø1400
E	-	-	-	-	-
F	935	980	1150	1200	1105
G	970	1015	1235	1250	1010
H	1000	1120	1400	1620	2000
J	1120	1165	1355	1425	1330
K	1275	1320	1530	1710	1460
L	-	-	-	-	-
M	1325	1370	1660	1710	1615



CAPACITY	500L	750L	1000L	1500L	2000L
Part Number	BUAC500/0	BUAC750/0	BUAC1000/0	BUAC1500/0	BUAC2000/0
Actual capacity (lit)	492	746	882	1539	1831
Thickness (mm))	3,0mm	3,0mm	3,0mm	4,0mm	2,5mm
Weight (kg)	77	118	139	267	302
Insulation thickness (mm)	REMOVABLE SOFT POLYURETHANE FOAM INSULATION				
	100	100	100	100	100
Diagonal	1824,8	2059.1	2236.1	2385.4	2441.3