



[CL Hot Water Tanks of 150 - 1000 lts]

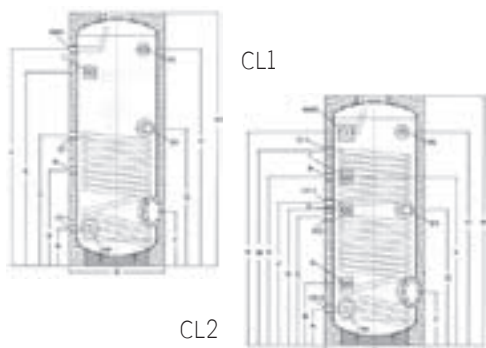
Designed for performance
and robustness!

Calpak
powered by the sun

[Calpak CL Hot Water Tanks of 150 - 1000 lts]

Calpak hot water tanks are designed and manufactured according to the European and German standards (EN 12897:2006, EN 10130). They ensure perfect operating conditions, high energy savings and long life expectancy.

- They can be combined with 1 or 2 heat exchangers, and their volume varies from 150 to 1000L.
- All tanks are enamelled according to DIN 4753.
- All tanks have expanded polyurethane insulation according to DIN 53420.
- In each tank, the anti-corrosive protection is completed by 1 or 2 Magnesium anodes according to DIN 1243-2,2 that are installed under the top flange of the tanks, for easy access.
- All the tanks have also a lateral flange of $\varnothing 170$ to allow easy cleaning.
- All tank connections have female threads.
- The insulation protection and the tank's cover are made of PVC, they have a zip, and can be changed easily if necessary.
- Calpak avails electric immersion heaters of 1,5-9 kw.



	CL1-150	CL1-200	CL2-200	CL1-300	CL2-300	CL2-500	CL1-800	CL1-1000
Gross volume (L)	144,3 L	202,8 L	201,4 L	287,6 L	285,8 L	462,2 L	772,2 L	900,2 L
Net volume (L)	139,3 L	196,4 L	190 L	277,7 L	269,6 L	442,4 L	757 L	881 L
Heat exchanger volume (L)	5 L	6,4 L	11,4 L	9,9 L	16,2 L	19,8 L	15,2 L	19,2 L
Insulation thickness (mm)	62mm		47mm		47mm	62mm	100mm	100mm
Lower heat exchanger area (m2)	0,78m ²		0,99 m ²		1,55 m ²	1,92 m ²	2,4 m ²	3 m ²
Upper heat exchanger area (m2)			0,78 m ²		0,99 m ²	1,20 m ²		
Upper heat exchanger yield* according to EN 12897			13,60KW		16,40KW	19,20KW		
Lower heat exchanger yield*	13,10KW	14,40KW	14,40KW	22,90KW	22,90KW	25,80KW	30,15KW	28,50KW
Tank Heat losses	1,2Kwh/24h	1,3Kwh/24h	1,3Kwh/24h	1,5Kwh/24h	1,5Kwh/24h	1,8Kwh/24h	2,1Kwh/24h	2,6Kwh/24h
Cold Water Inlet (mm) (CWI)	245mm	200mm	200mm	278mm	278mm	250mm	345mm	365mm
Hot Water Outlet (mm) (HWO)	880mm	1135mm	1135mm	1284mm	1284mm	1265mm	1475mm	1725mm
S1 Heat exchanger outlet (mm) (CO 1)	245mm	200mm	810mm	278mm	915mm	900mm	345mm	365mm
S2 Heat exchanger outlet (mm) (CO2)			200mm		278mm	250mm		
S1 Heat exchanger inlet (mm) (CI 1)	597mm	690mm	1109mm	767mm	1215mm	1200mm	995mm	1115mm
S2 Heat exchanger inlet (mm) (CI 2)			690mm		767mm	755mm		
Recirculation (mm) (R)	485mm	540mm	985mm	638mm	1120mm	1100mm	1325mm	1532mm
Total Height (mm) (H)	1080mm	1380mm	1380mm	1580mm	1580mm	1580mm	1820mm	2070mm
Electric heater connection (mm) (ER)	648mm	745mm	745mm	855mm	855mm	840mm	980mm	1130mm
Thermostat (mm) (T)	650mm	1035mm	985mm	1120mm	1120mm	1100mm	1325mm	1532mm
Thermometer (mm) (TR)	870mm	1135mm	1135mm	1300mm	1284mm	1265mm	1420mm	1725mm
Diameter (mm) (D)	$\varnothing 560$ mm	$\varnothing 560$ mm	$\varnothing 560$ mm	$\varnothing 600$ mm	$\varnothing 600$ mm	$\varnothing 750$ mm	$\varnothing 1010$ mm	$\varnothing 1010$ mm
Side flange (mm) (F)	425mm	400mm	400mm	430mm	430mm	450mm	555mm	535mm
Weight (kg)	60,5Kg	86 Kg	100 Kg	110 Kg	130 Kg	177 Kg	231 Kg	273 Kg
Heat exchangers inlet/outlet	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$
Domestic water inlet (CWI)	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$
Domestic hot water outlet (HWO)	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$
Recirculation connection (R)	$\varnothing \frac{3}{4}''$	$\varnothing \frac{3}{4}''$	$\varnothing \frac{3}{4}''$	$\varnothing \frac{3}{4}''$	$\varnothing \frac{3}{4}''$	$\varnothing 1''$	$\varnothing 1''$	$\varnothing 1''$
Thermometer sensor connection (T)	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$	$\varnothing \frac{1}{2}''$
Electric heater connection (ER)	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$	$\varnothing 1\frac{1}{2}''$
Anode(s)	1 x $\varnothing 32$ x 500mm			2 x $\varnothing 26$ x 450 mm		2 x $\varnothing 32$ x 500 mm		
Cylinder wall thickness of DCP Steel	2,5 mm	3mm	3mm	3mm	3mm	3mm	4 mm	4 mm
Diameter of side flange	$\varnothing 170$ mm	$\varnothing 170$ mm	$\varnothing 170$ mm	$\varnothing 170$ mm	$\varnothing 170$ mm	$\varnothing 170$ mm	$\varnothing 170$ mm	$\varnothing 170$ mm

* Heat exchanger's yield for D.H.W. temperature from 15°C to 60°C, with flow rate of 900L/hr, and with solar liquid temperature of 80°C.