



OWL – UNIVERSAL HOT WATER TANK

Productive hot water tank



CONSTRUCTION

OWL high-productive hot water tanks are made of quality steel plate. Each hot water tank is twice hot enameled and is also supplied with Mg-anode.

INSULATION

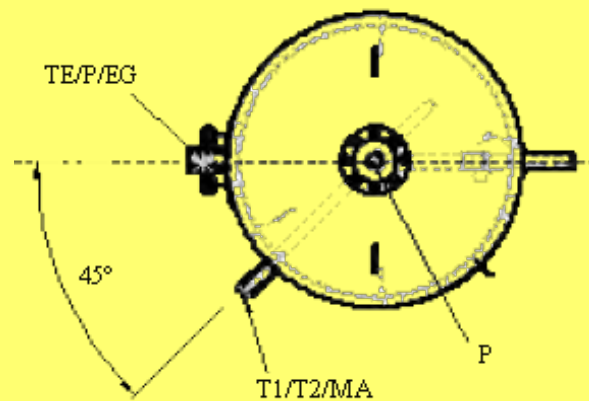
Rigid, CFC-free polyurethane foam 50 mm assure optimal insulation. The external polystyrene coating is available in different standard colors. OWL 800 and OWL 1000 have a soft foam insulation (sold separate).

HEAT EXCHANGER

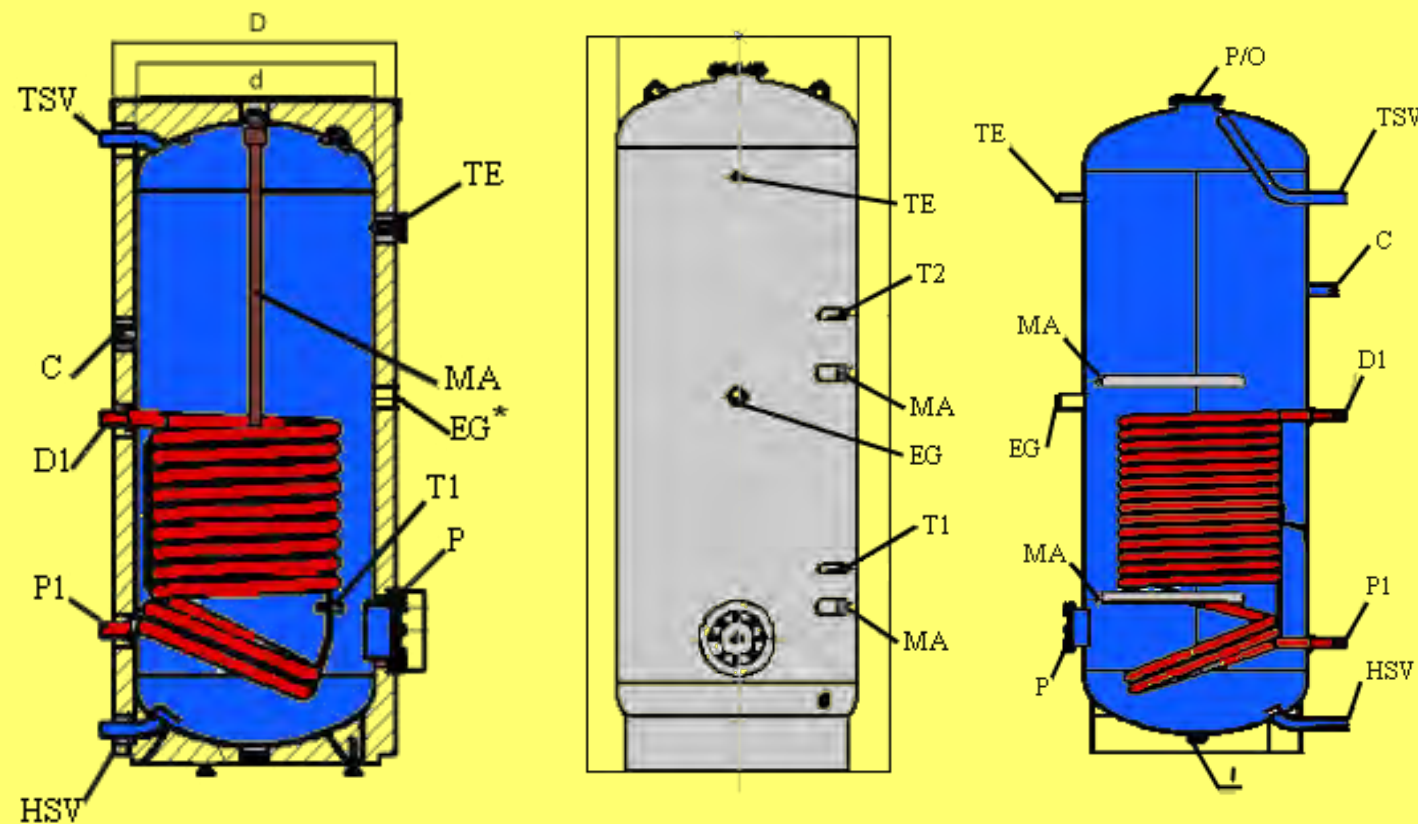
The mounted heat exchanger, enameled smooth-tubular enables quickly warming and high-productive constant capacity.

WORKING PRESSURE

Warm water: up to 12 bar
Sanitary water: 10 bar



OWL 800 / 1000



OWL 130 - 500

OWL 800 / 1000

TYPE	Storage capacity	Overall height H	Outer diameter D	Inner diameter d	Weight ¹⁾ kg	Dimensions			
						Cold water HSV	Heating return P1	Circulation C	Heating flow D1
						R1"	R1"	G3/4"	R1"
OWL 130	130	1085	550	450	75	77	253	488	588
OWL 160	160	1269	550	450	82	77	253	488	588
OWL 200	203	1538	550	450	96	77	253	773	693
OWL 300	296	1530	650	550	119	77	305	984	789
OWL 400	387	1678	700	600	146	35	281	661	761
OWL 500	503	1580	800	700	167	77	223	695	795
OWL 800	806	2070	990	790	274	98	387	1280	1017
OWL 1000	970	2430	990	790	325	98	387	1637	1193

TYPE	Dimensions						Heat exchanger	
	Quiver (temp. sens.) T1	Hot water TSV	Flange P	Quiver (temp. sens.) T2**	Socket for E-heater* EG*	Thermometer TE	surface	capacity
	G1/2"	R1"	Φ 180 / Φ 118	G1/2"	G6/4"	G1/2"	m ²	l
OWL 130	342	977	290	-	-	834	0,75	4,9
OWL 160	342	1161	290	-	-	1018	0,75	4,9
OWL 200	342	1433	290	-	803	1255	1.06	7,0
OWL 300	357	1435	305	-	836	1230	1.45	9.5
OWL 400	333	1583	281	-	804	1367	1.64	10.5
OWL 500	345	1489	293	-	838	1343	2.17	14.2
OWL 800	668	1608	440	1329	1064	1608	2.17	14.2
OWL 1000	668	1964	440	1508	1240	1964	2.88	18.9

TYPE	Continuous hot water recovery capacity 10/ 45°C		Max. operating pressure		Max. operating temperature		Magnesium anode (MA)		
	kW	l/h	vessel	heat exchanger	vessel	heat exchanger	Pcs.	Diameter	Length
			bar	bar	° C	° C		mm	mm
OWL 130	28,2	690	10	12	95	140	1	26	560
OWL 160	28,2	690	10	12	95	140	1	26	560
OWL 200	39,8	977	10	12	95	140	1	26	800
OWL 300	54,2	1330	10	12	95	140	1	26	980
OWL 400	61,1	1500	10	12	95	140	1	33	800
OWL 500	80,5	1975	10	12	95	140	1	33	800
OWL 800	80,5	1975	10	12	95	140	2	33	600
OWL 1000	106,8	2624	10	12	95	140	2	33	600

¹⁾ Weight for OWL 800/1000 is given without insulation. Weight of insulation: OWL 800: 33kg, OWL 1000: 39kg.
* Socket for E-heater is inbuilt in volumes from 200 to 1000 l.
** Second Quiver is inbuilt only in OWL 800 und OWL 1000.

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