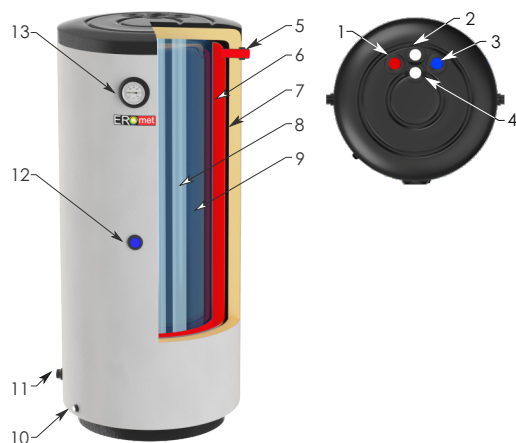
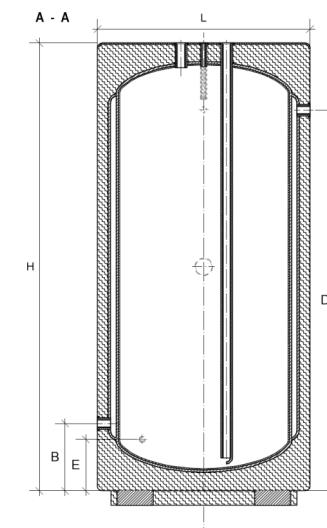
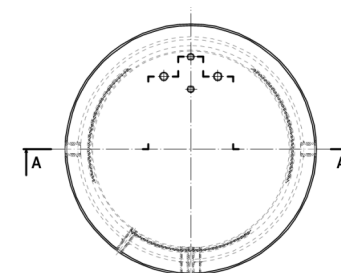


VERTICAL DOUBLE SHELL WATER EXCHANGER



LEGEND

- 1 DOMESTIC WATER INTAKE 3/4"
- 2 WATER CIRCULATION 1/2"
- 3 DOMESTIC WATER SUPPLY 3/4"
- 4 CAPILLARY TUBE
TEMPERATURE SENSOR 1/2"
- 5 SUPPLY CENTRAL HEATING 1"
- 6 DOUBLE SHELL CENTRAL HEATING
- 7 POLYURETHANE FOAM
THERMAL INSULATION
- 8 DOMESTIC WATER SUPPLY 3/4"
- 9 ANTI CORROSION LAYER
- 10 DRAIN 3/4"
- 11 WATER RETURN (CENTRAL HEATING) 1"
- 12 ELECTRIC HEATER WITH THERMOSTAT 5/4"
- 13 THERMOMETER 1/2"



TECHNICAL PARAMETERS		Symbol	DPWPionEPC80	DPWPionEPC100	DPWPionEPC120	DPWPionEPC140	DPWPionEPC160	DPWPionEPC180	DPWPionEPC200	DPWPionEPC250	DPWPionEPC300	DPWPionEPC400	DPWPionEPC500	DPWPionEPC600	DPWPionEPC750	DPWPionEPC1000
Nominal capacity	[L]		80	100	120	140	160	180	200	250	300	400	500	600	750	1000
Real capacity	[L]		98	112	127	141	175	200	241	299	355	572	617	592	796	1076
Energy accumulated in the tank. Assumptions for the temperatures: domestic water 42°C; set in the tank 90°C; at the point of consumption 8°C	[L]		179	205	232	258	320	365	439	546	647	1043	1125	1079	1451	1962
Efficiency	[L/h]		325	355	500	660	819	936	1015	1165	1295	1726	2157	2190	2490	2989
Power	[kW]		19	19,5	24	31	33	35	37	44	51	62	80	81	98	135
Hot water demand	[m³/h]		1,4	1,4	1,6	1,6	1,8	2,0	2,1	2,4	2,7	3,6	4,1	4,1	4,9	6,2
Heating surface	[m²]		0,80	0,95	1,10	1,32	1,56	1,85	1,70	2,15	2,55	2,40	2,65	3,25	3,60	3,40
Weight	[kg]		38	42	46	50	58	65	76	87	98	143	149	124	174	182
Water tank maximum working temperature and pressure	[°C/Bar]		70°C / 6Bar													
Downtime loss (S) in watt [W] for storage capacity in liters [L]	[W]		25	26	27	28	30	32	34	36	39	46	47	46	51	57
Heat losses depending on the capacity (V)	[kWh/24h]		0,61	0,63	0,66	0,68	0,73	0,76	0,81	0,87	0,93	1,09	1,12	1,11	1,23	1,37
DIAMENSIONS																
DIAMETER [L]	[mm]		490	490	490	490	490	490	630	630	630	830	830	680	830	1000
LENGHT [H]	[mm]		945	1060	1180	1295	1560	1760	1240	1490	1740	1420	1520	1920	1920	1590
DIAMENSION [B]	[mm]		240	230	250	240	230	300	240	260	320	300	320	410	340	425
DIAMENSION [D]	[mm]		690	800	920	1010	1300	1460	1030	1260	1460	1100	1350	1570	1620	1225
DIAMENSION [E]	[mm]		175	200	200	200	200	200	170	170	170	270	270	200	270	370

SYMBOL: DPWPionEPC



A+

80 | 100 | 120 | 140 | 160 | 180

A

200 | 250 | 300

B

400 | 500 | 600 | 750 | 1000