

# FREE STANDING WATER HEATERS WITH TWO COIL PIPES

## 400, 500, 800, 1000, 1500, 2000, NE series



**TWO HEAT SUPPLY SOURCES** thanks to the installation of two spiral coil pipes, connected to a central heating boiler and to solar thermal collectors. Domestic water heating is guaranteed to be fast thanks to the installation of a spiral coil pipe.



**WATER IS HEATED** by means of a coil pipe connected to a central heating system during the heating season, or by means of a coil pipe connected to solar thermal collectors in the summer season. Domestic water can be additionally heated up by means of an electric heater which can be optionally installed.



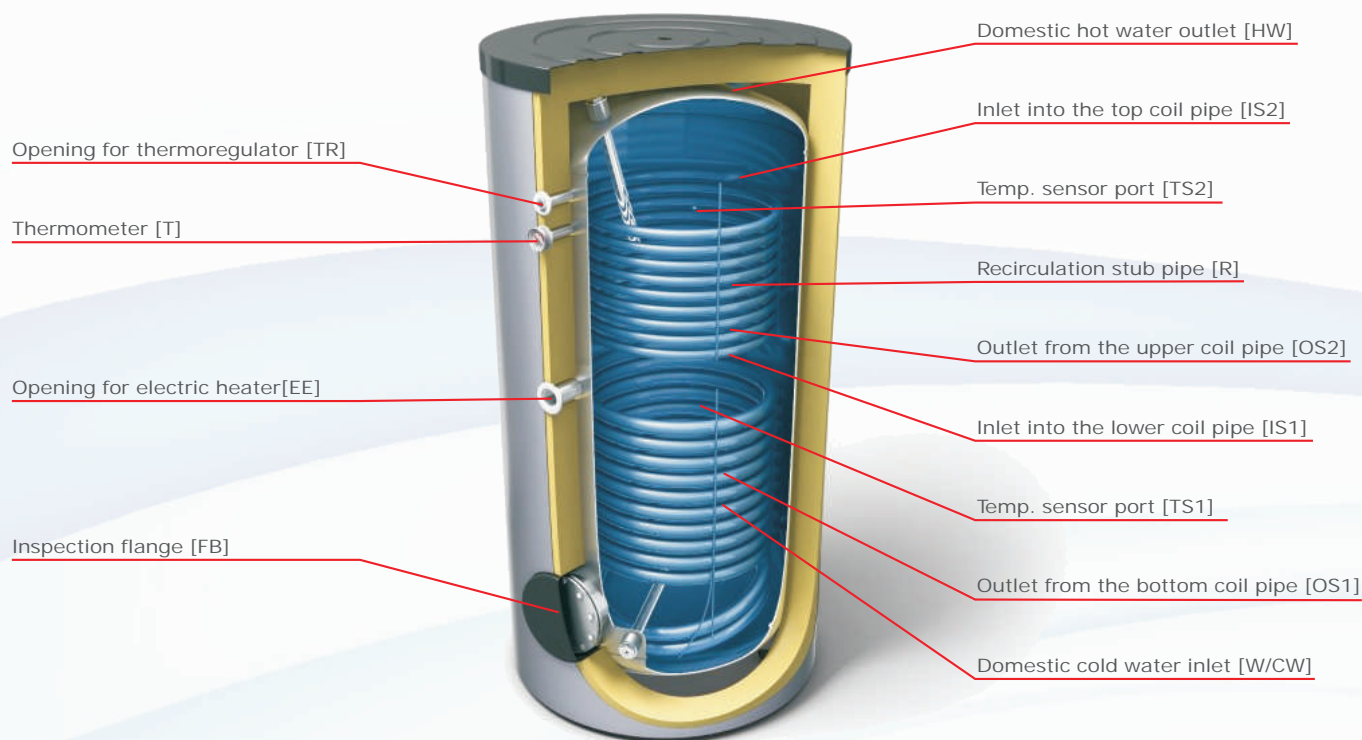
**DURABILITY** is ensured by the installation of a magnesium anode and ceramic enamel, fired at a temperature of 850 °C.



**INSULATION:** 400, 500 cylinders - polyurethane foam; 800 to 2000 – removable PU sponge.



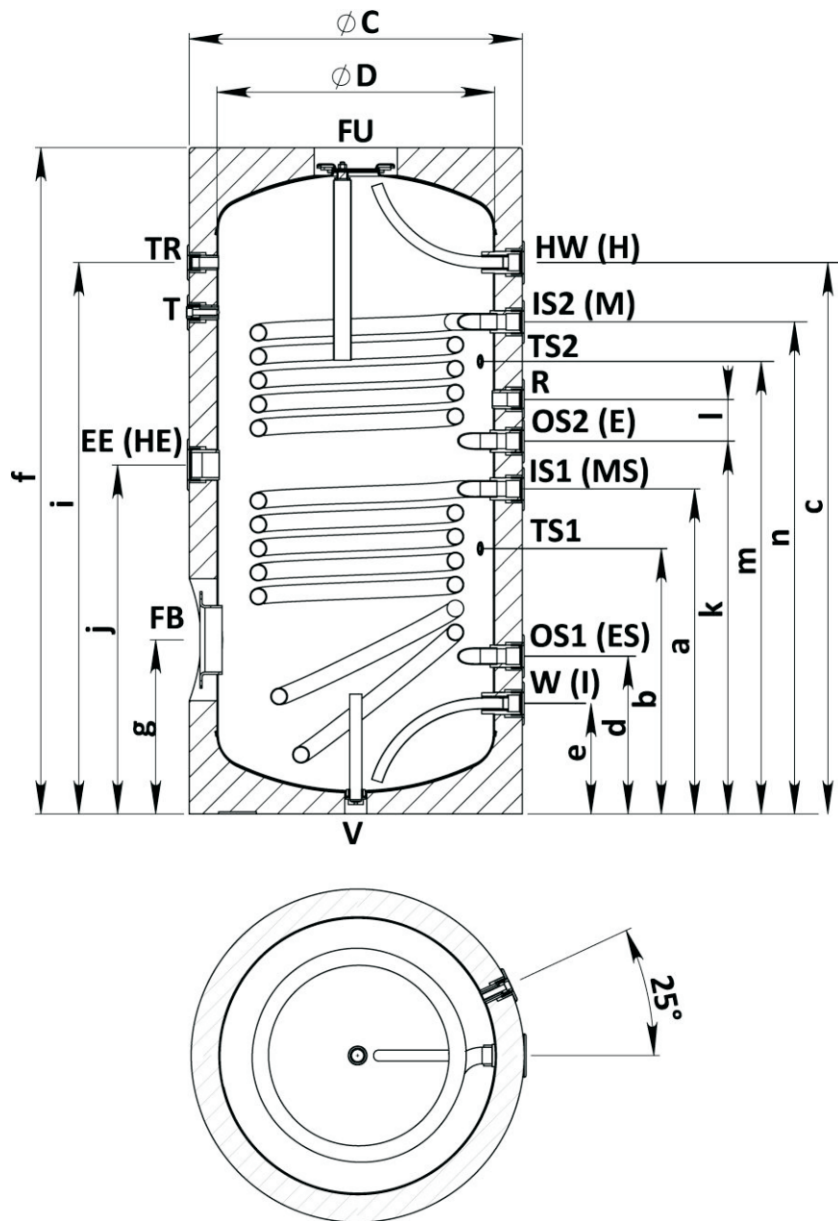
**AESTHETIC HOUSING** made of skay-type cloth.



	Type	400	500	800	1000	1500	2000	
Symbol		20.400NE	20.500NE	20.800NE	20.1000NE	20.1500NE	20.2000NE	
Nominal capacity	L	400	500	800	1000	1500	2000	
Actual capacity	L	386	482	762	931	1430	1836	
Surface area of the upper coil pipe	m <sup>2</sup>	0,76	1,06	1,54	1,31	2,3	2,7	
Upper coil pipe water capacity	L	4,6	6,4	9,4	7,9	20,5	25,2	
Surface area of the lower coil pipe	m <sup>2</sup>	1,65	2,25	2,89	3,45	3,47	4,5	
Lower coil pipe water capacity	L	10,0	13,7	26,2	31,3	30,4	41,6	
Maximum rated temperature	°C	95						
Minimum rated temperature	°C	5						
Maximum tank working pressure	Bar	6						
Maximum coil pipe working pressure	Bar	8						
Thermal insulation		PUR foam			Removable PU sponge			
Weight (without water)	kg	146	158	252	279	421	501	

P.P.U.H. LEMET reserves the right to introduce modifications without providing prior notice or justification.

# FREE STANDING WATER HEATERS WITH TWO COIL PIPES 400, 500 – TECHNICAL DIAGRAM



TYP	a	b	c	d	e	f	g	i	j	k	l	m	n	øD	øC
400	775	617	1156	302	220	1407	331	1156	813	858	85	998	1073	650	750
500	944	750	1448	299	214	1675	324	1448	986	1029	136	1265	1330	650	750

TYPE	400 / 500
W - domestic cold water inlet	G 1" Internal
OS2 - outlet from the upper coil pipe	G 1" Internal
OS1 - outlet from the lower coil pipe	G 1" Internal
HW - domestic hot water outlet	G 1" Internal
IS2 - inlet into the upper coil pipe	G 1" Internal
IS1 - inlet into the lower coil pipe	G 1" Internal
R - recirculation stub pipe	G 3/4" Internal

TYPE	400 / 500
TS - temperature sensor port	G 1/2" Internal
EE - opening for electric heater	G 1 1/2" Internal
T - thermometer	G 1/2" Internal
TR - opening for thermoregulator	G 1/2" Internal
FB - inspection flange	
FU - flange with the magnesium anode	

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