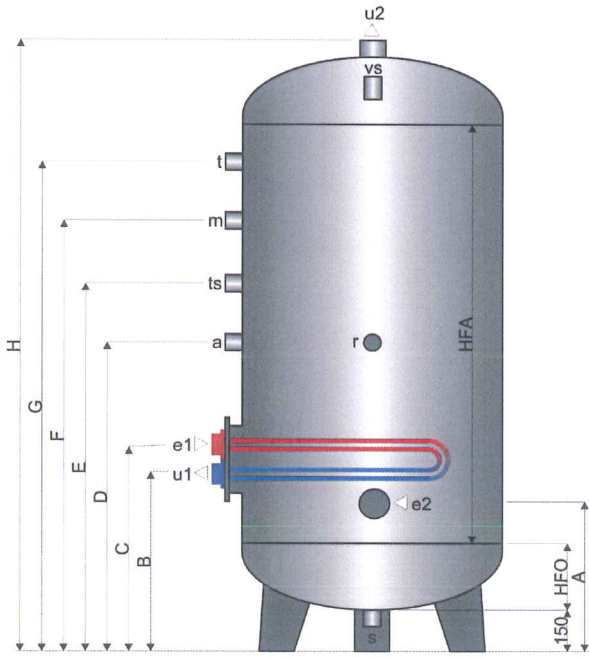


# VERTICAL CALORIFIERS WITH REMOVABLE COIL



- e1/u1 primary inlet/outlet
- e2/u2 secondary inlet/outlet
- t thermometer
- ts thermostat
- a anode
- vs safety valve
- s discharge
- r recirculation
- m manometer

PED CATEGORY (DIRECTIVE 97/23/EC) TO OBTAIN: ACCORDING TO THE CAPACITY OF THE COIL FOR THE PRESSURE OF USE
PRESSURE FOR COIL LITERS UP TO 50 = RULE OF ART
PRESSURE FOR COIL LITERS UP TO 200 = CAT I
PRESSURE FOR COIL LITERS OVER 200 = CAT II SUBJECT TO TEST

## VERTICAL TYPE TABLE

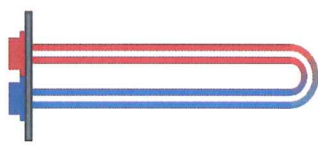
Capacity [liters]	Ø [mm]	HFO [mm]	HFA [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	KG	Ø bocc [mm]	e1/u1 ["]	e2/u2 ["]	s/r/a/m ["]	vs ["]	t/ts ["]
200	450	120	1000	370	370	490	660	830	1000	1170	1440	56	300	1	1 1/4	1 1/4	1	1/2
300	550	145	1000	395	395	515	685	855	1025	1195	1490	67	300	1	1 1/2	1 1/4	1	1/2
500	650	165	1250	415	415	535	706	959	1212	1465	1780	88	300	1	1 1/2	1 1/4	1	1/2
800	750	180	1500	430	465	615	821	1124	1427	1730	2060	151	380	2	2	1 1/4	1	1/2
1000	800	240	1500	490	525	675	881	1184	1487	1790	2180	164	380	2	2	1 1/4	1	1/2
1500	950	230	1700	480	515	665	891	1254	1617	1980	2360	250	380	2	2	1 1/4	1	1/2
2000	1100	270	1700	520	555	705	931	1294	1657	2020	2440	297	380	2	2	1 1/4	1	1/2
3000	1250	300	2000	570	580	780	1150	1550	1950	2350	2800	402	430	2	2 1/2	1 1/4	1	1/2
4000	1400	340	2000	610	620	820	1190	1590	1990	2390	2880	472	430	2	3	1 1/4	1	1/2
5000	1600	370	2000	640	650	850	1220	1620	2020	2420	2940	603	430	2	3	1 1/4	1	1/2

weights and measurements are approximate

## STAINLESS STEEL VERSION ON REQUEST

### COILS

DATA OF COIL IN FINNED COPPER			CAPACITY - WATER	DATA OF COIL IN STAINLESS STEEL			CAPACITY - WATER	CAPACITY - STEAM			
COIL IN FINNED COPPER		LENGHT OF FINNED BUNDLE	85° Kw/h	STAINLESS STEEL COILS		LENGHT OF STAINLESS STEEL BUNDLE	85° Kw/h	0,49 bar Kw/h	4 bar Kw/h	6 bar Kw/h	12 bar Kw/h
mq	liters			mq	liters						
0,76	0,6	420	12	0,5	5	445	8	25	41	48	58
0,9	0,7	420	15	0,75	5,8	445	12	38	51	71	87
1,53	1,2	440	25	1	6,6	473	16	51	81	95	116
2,27	1,8	570	37	1,5	12	683	24	76	122	143	175
3,15	2,5	660	51	2	13,2	594	31	101	163	191	233
4,3	3,4	560	70	2,5	15	594	39	126	204	238	291
5,26	4,2	660	85	3	16,9	718	47	151	244	286	349
6,34	5,1	780	102	4	20,7	923	63	202	326	381	466
x	x		x	5	27,6	785	78	252	407	476	582
x	x		x	6	31,7	1130	94	303	488	571	698
x	x		x	8	39,1	1385	125	404	651	762	931
x	x		x	10	45,5	1550	157	505	814	952	1164



For water: the Kw / h have been obtained with primary inlet temperature 85° and return at 70 °; secondary inlet at 15° and accumulation at 60 °  
 For steam 0,49 bar: the Kw / h have been obtained with primary inlet temperature 110 ° and return at 90 °; secondary inlet at 15° and accumulation at 60 °  
 For steam 4 bar: the Kw / h have been obtained with primary inlet temperature 148° and return at 128 °; secondary inlet at 15° and accumulation at 60 °  
 For steam 6 bar: the Kw / h have been obtained with primary inlet temperature 165 ° and return at 145 °; secondary inlet at 15° and accumulation at 15 ° to 60 °  
 For steam 12 bar: the Kw / h have been obtained with the primary inlet temperatures 191 ° and return to 171 °; secondary entry and accumulation at 15 ° to 60 °

**Use:**  
 -Used for the production and the accumulation of sanitary hot water  
 -Maximum working pressure of calorifier 6 bar  
 -recommended working temperature 60 ° C

**Possible protective treatments:**  
 -Hot-dip galvanizing for immersion (UNI EN1179)  
 -Inner teflon for food use

**Possible external coating:**  
 - Soft insulating mattress with finishing in PVC  
 -Coating with finishing in aluminum sheet

**Warranty:**  
 -With a correct installation and maintenance products are guaranteed 2 years.  
 -We recommend the installation of a suitable expansion tank