

ΚΑΥΣΤΗΡΕΣ – ΛΕΒΗΤΕΣ - ΛΕΒΗΤΟΣΤΑΣΙΑ
Φαντάκης Παναγιώτης

ΕΚΔΟΣΕΙΣ ΙΩΝ

GPH	7 bar	9 bar	10 bar	11 bar	12 bar	14 bar	
0.40	1.27	1.45	1.43	1.60	1.67	1.80	Kg/h
	11.200	12.760	13.430	14.100	14.660	15.890	Kcal/h
0.50	1.59	1.81	1.90	2.00	2.08	2.25	Kg/h
	14.000	15.950	16.790	17.630	18.320	19.860	Kcal/h
0.60	1.91	2.17	2.29	2.40	2.50	2.70	Kg/h
	16.790	19.140	20.150	21.150	22.000	23.960	Kcal/h
0.65	2.07	2.35	2.48	2.60	2.7	2.93	Kg/h
	18.190	20.730	21.800	22.910	23.820	25.820	Kcal/h
0.75	2.38	2.72	2.86	3.00	3.12	3.38	Kg/h
	21.000	23.920	25.100	26.430	27.490	29.800	Kcal/h
0.85	2.70	3.08	3.24	3.40	3.54	3.83	Kg/h
	23.780	27.110	28.540	29.970	31.150	33.770	Kcal/h
1.00	3.18	3.62	3.61	4.00	4.16	4.51	Kg/h
	27.980	31.900	33.580	35.250	36.650	39.730	Kcal/h
1.10	3.49	3.98	4.19	4.40	4.58	4.96	Kg/h
	30.780	35.090	36.930	38.780	40.320	43.700	Kcal/h
1.25	3.97	4.53	4.77	5.00	5.20	5.64	Kg/h
	34.980	39.870	41.970	44.070	45.800	49.660	Kcal/h
1.35	4.30	4.89	5.15	5.40	5.62	6.09	Kg/h
	37.800	43.060	45.330	47.590	49.480	53.640	Kcal/h
1.50	4.77	5.43	5.72	6.01	6.24	6.77	Kg/h
	41.970	47.850	50.360	52.880	54.980	59.600	Kcal/h
1.65	5.25	5.98	6.29	6.61	6.87	7.45	Kg/h
	46.170	52.630	55.400	58.170	60.480	65.560	Kcal/h
1.75	5.56	6.34	6.67	7.01	7.29	7.90	Kg/h
	48.970	55.820	58.760	61.700	64.140	69.530	Kcal/h
2.00	6.36	7.27	7.63	8.01	8.33	9.03	Kg/h
	55.960	63.800	67.160	70.500	73.300	79.460	Kcal/h

Τα παραπάνω ισχύουν για βαθμό απόδοσης λέβητα $\eta = 87\%$ και πετρέλαιο θερμοκρασίας 15°C , πυκνότητας $\gamma = 0,84 \text{ Kg/lit}$, με $H_k = 10.200 \text{ Kcal/Kg}$

ΟΙ ΚΕΝΤΡΙΚΕΣ ΘΕΡΜΑΝΣΕΙΣ ΑΠΟ ΤΟ Α ΩΣ ΤΟ Ω

GPH	7 bar	9 bar	10 bar	11 bar	12 bar	14 bar	
2.25	7.15	8.15	8.58	9.01	9.37	10.15	Kg/h
	63.960	72.770	75.550	79.330	82.470	89.400	Kcal/h
2.50	7.94	9.06	9.54	10.01	10.41	11.28	Kg/h
	69.940	79.740	83.940	88.140	91.620	99.320	Kcal/h
2.75	8.74	9.97	10.49	11.02	11.45	12.41	Kg/h
	76.950	87.720	92.340	96.950	100.800	109.260	Kcal/h
3.00	9.54	10.87	11.44	12.02	12.48	13.54	Kg/h
	83.940	95.690	100.720	105.760	109.960	119.200	Kcal/h
3.50	11.12	12.68	13.34	14.02	14.57	15.80	Kg/h
	97.940	111.640	117.520	123.400	128.280	139.060	Kcal/h
4.00	12.72	14.50	15.26	16.02	16.66	18.06	Kg/h
	111.900	125.520	134.320	141.000	146.620	158.920	Kcal/h
4.50	14.30	16.31	17.16	18.02	18.74	20.30	Kg/h
	127.920	143.540	151.100	158.660	164.950	178.800	Kcal/h
5.00	15.90	18.12	19.07	20.03	20.83	22.57	Kg/h
	139.900	159.490	167.890	176.280	183.270	198.660	Kcal/h
5.50	17.48	19.94	20.98	22.04	22.90	24.82	Kg/h
	153.900	175.440	184.680	193.900	201.600	218.520	Kcal/h
6.00	19.07	21.75	22.89	24.03	24.99	27.09	Kg/h
	167.890	191.391	201.470	211.540	219.930	238.390	Kcal/h
6.50	20.67	23.56	24.80	26.03	27.07	29.35	Kg/h
	181.880	207.340	218.260	229.170	238.260	258.260	Kcal/h
7.00	22.24	25.36	26.68	28.04	29.14	31.60	Kg/h
	195.880	223.280	235.040	246.800	256.560	278.120	Kcal/h
7.50	23.85	27.18	28.62	30.05	31.20	33.85	Kg/h
	209.860	239.240	251.830	264.430	274.900	297.990	Kcal/h
8.00	25.44	29.00	30.52	32.04	33.32	36.12	Kg/h
	223.800	251.040	268.640	282.000	293.240	317.840	Kcal/h

Υπενθυμίζεται ότι: $1 \text{ GPH} = 3.785 \text{ lit/h} = 3.18 \text{ Kg/h}$