

Konstanta zagrevanja vode - c 1.162 Wh/kgK

Količina vode - m 50 kg

Spoljna temp 8 °C

Formule: $E[Wh] = P[W] * t[h]$ $E[Wh] = c[Wh/K*Kg] * m[kg] * (t2[°C] - t1[°C])$

$L = J * K * 1000$

$M = E4 * E5 * (B - C)$ $COP = M / L$

rb. merenja	Temp početna	Temp krajnja	Početno vreme			Krajnje vreme			Vreme zagrevanja	Snaga	Potrošena el. energija	Proizvedena topl. en.	COP
	°C	°C	HH	MM	SS	HH	MM	SS	h	kW	Wh	Wh	
1	20.7	30.6	20	59	23	21	8	27	0.151111111	1.68	253.8666667	575.19	2.265716912
2	30.6	34.9	21	8	27	21	11	44	0.054722222	1.901	104.0269444	249.83	2.401589332
3	34.9	40.6	21	11	44	21	16	10	0.073888889	2.064	152.5066667	331.17	2.171511628
4	40.6	45.1	21	16	10	21	19	31	0.055833333	2.1535	120.2370833	261.45	2.174453943
5	45.1	50.6	21	19	31	21	23	35	0.067777778	2.398	162.5311111	319.55	1.966085126

Suma

0.403333333		793.1684722	1737.19	2.190190433
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