

Propiedades del agua		
m_w	0.49345	kg/s
T_w_out	30	C
T_w_in	40	C
ΔT_w	0.2500	C
Cp_w	4182	J/kg-C
p_w	986.9	kg/m^3
V_w	0.0005	m^3/s

Propiedades del aire		
m_a	2.25069	kg/s
Δh_a	229.2194727	J/kg
h_a_in	60479	J/kg
p_a	1.194	kg/m^3
Cp_a	1022	J/C-kg
V_a	1.88500	m^3/s

Parametros de diseño		
N	40	-
Δq	515.90198	W
LG	0.2192	-
NTU_Cal	0.6843	-
Ky	0.3367	kg/m^2-s
h_c	0.2820	m/s
A_c	1223.777	m^2/m^3
Ac_T	1276	m^2/m^3
V_rell	2.16	m^3

0.959072856

	T_w_i [C]	T_w_ii [C]	h_a_i	h_a_ii	h_w_i	h_w_ii	Δh_wa_ii	NTU_ii
1	30.25	30.0	60479	60708.21947	99626	100939	39688.89026	0.026342384
2	30.5	30.3	60708.21947	60937.43895	100945	102273	40786.17079	0.025633689
3	30.8	30.5	60937.43895	61166.65842	102280	103622	41898.95132	0.024952892
4	31.0	30.8	61166.65842	61395.87789	103629	104987	43026.73185	0.024298848
5	31.3	31.0	61395.87789	61625.09736	104994	106367	44170.01237	0.023669905
6	31.5	31.3	61625.09736	61854.31684	106374	107763	45328.7929	0.02306481
7	31.8	31.5	61854.31684	62083.53631	107770	109175	46503.57343	0.022482143
8	32.0	31.8	62083.53631	62312.75578	109183	110604	47695.35395	0.021920374
9	32.3	32.0	62312.75578	62541.97525	110611	112049	48902.63448	0.021379216
10	32.5	32.3	62541.97525	62771.19473	112056	113511	50126.91501	0.020857059
11	32.8	32.5	62771.19473	63000.4142	113518	114989	51367.69554	0.020353259
12	33.0	32.8	63000.4142	63229.63367	114997	116485	52625.97606	0.019866615
13	33.3	33.0	63229.63367	63458.85315	116493	117998	53901.25659	0.019396579
14	33.5	33.3	63458.85315	63688.07262	118006	119529	55194.03712	0.018942264
15	33.8	33.5	63688.07262	63917.29209	119537	121078	56504.81765	0.018502847
16	34.0	33.8	63917.29209	64146.51156	121086	122645	57833.59817	0.018077727
17	34.3	34.0	64146.51156	64375.73104	122653	124230	59180.3787	0.017666328
18	34.5	34.3	64375.73104	64604.95051	124239	125834	60546.15923	0.017267817
19	34.8	34.5	64604.95051	64834.16998	125843	127457	61930.43976	0.016881844
20	35.0	34.8	64834.16998	65063.38945	127466	129099	63333.72028	0.016507794
21	35.3	35.0	65063.38945	65292.60893	129108	130761	64756.50081	0.016145097
22	35.5	35.3	65292.60893	65521.8284	130769	132442	66198.28134	0.015793461
23	35.8	35.5	65521.8284	65751.04787	132451	134143	67660.56186	0.015452133
24	36.0	35.8	65751.04787	65980.26734	134152	135864	69142.34239	0.01512098
25	36.3	36.0	65980.26734	66209.48682	135873	137606	70644.62292	0.014799428
26	36.5	36.3	66209.48682	66438.70629	137615	139368	72167.40345	0.01448715
27	36.8	36.5	66438.70629	66667.92576	139378	141152	73711.68397	0.01418364
28	37.0	36.8	66667.92576	66897.14524	141161	142957	75276.4645	0.013888803
29	37.3	37.0	66897.14524	67126.36471	142966	144784	76863.24503	0.01360208
30	37.5	37.3	67126.36471	67355.58418	144793	146632	78471.52556	0.013323304
31	37.8	37.5	67355.58418	67584.80365	146642	148503	80102.30608	0.013052059
32	38.0	37.8	67584.80365	67814.02313	148513	150396	81755.08661	0.012788195
33	38.3	38.0	67814.02313	68043.2426	150406	152313	83430.86714	0.012531333
34	38.5	38.3	68043.2426	68272.46207	152323	154252	85129.64766	0.012281268
35	38.8	38.5	68272.46207	68501.68154	154262	1.56E+05	86851.42819	0.012037799
36	39.0	38.8	68501.68154	68730.90102	1.56E+05	1.58E+05	88597.20872	0.011800598
37	39.3	39.0	68730.90102	68960.12049	1.58E+05	1.60E+05	90366.98925	0.01156949
38	39.5	39.3	68960.12049	69189.33996	1.60E+05	1.62E+05	92161.26977	0.011344245
39	39.8	39.5	69189.33996	69418.55944	1.62E+05	1.64E+05	93980.0503	0.011124701
40	40	39.8	69418.55944	69647.77891	1.64E+05	1.66E+05	95824.33083	0.01091059

0.684300748