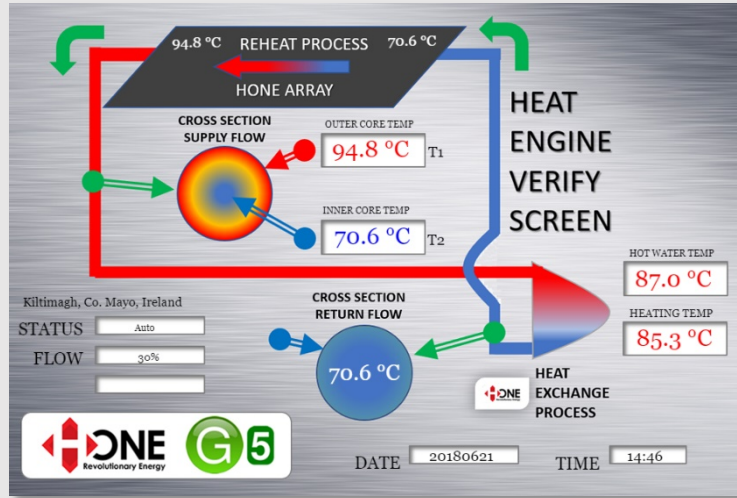This document is to help you determine the KW rating and COP (Co-efficient of Performance) of a HONE system in real-time. (Thermal Process ONLY). This document is used in conjunction with a system Heat Energy Verify LIVE Screen.

To work out KW and COP in real-time production, use the following formula to determine the correct DELTA.

Using the screen above T1 minus T2 = DELTA, then look up the table below for the correct KW and COP.

NOTE: Ensure the system is ON, i.e. FLOW should be reading 30% = SETBACK (NORMAL OPERATION) OR 100% = ACTIVATING HEAT ENGINE for 30 secs before NORMAL Operation. (0% = OFF.)

DELTA	KW	COP
36	10.1	1:732
35	9.8	1:710
34	9.6	1:696
33	9.3	1:674
32	9.0	1:652
31	8.7	1:630
30	8.4	1:609
29	8.2	1:594
28	7.9	1:572
27	7.6	1:551
26	7.3	1:529
25	7.0	1:507
24	6.7	1:486
23	6.4	1:464
22	6.2	1:449
21	5.9	1:428
20	5.6	1:407
19	5.3	1:384
18	5.1	1:370
17	4.8	1:348
16	4.5	1:326
15	4.2	1:304
14	3.9	1:283
13	3.7	1:268
12	3.4	1:246
11	3.0	1:217
10	2.8	1:203

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