



EVERCOOL THERMAL CO.,LTD

TEL:+886-2-85122889

FAX:+886(2)85122890

[www.evercool.com.tw](http://www.evercool.com.tw)

Test name : NK805A-825EA  
 Fan Type : 8025  
 Fan Speed : 2490-2560 RPM  
 Thermal pad : ST-420  
 pressure : 25.9-26.8 Kgf

Watt : 100 W  
 Test Time : 30 min  
 System temperature : 35.85-36.5 °C  
 Temperature difference : 26.01 °C  
 Thermal res : 0.27 °C/W

DC Fan Size : 80x80x25 mm  
 Base Material : Aluminium  
 Bearing Type : Ever Lubricate bearing  
 (Long Life bearing)  
 Speed : 2500 RPM

Time (Sec)	Tc (°C)	Qh (W)	Rc (°C/W)	Rpm (rpm)	Press (Kgf)	Ta (°C)	Fan (volt)	Qe (W)
30	56.80	65.31	0.32	2490	25.90	35.85	12	100
60	55.90	71.12	0.27	2520	26.20	36.39	12	100
90	55.69	75.68	0.26	2520	26.30	36.05	12	100
120	56.06	78.61	0.25	2538	26.50	36.22	12	100
150	56.52	80.74	0.25	2539	26.60	36.37	12	100
180	56.83	82.86	0.25	2523	26.70	35.91	12	100
210	57.43	84.01	0.25	2545	26.70	36.32	12	100
240	57.81	85.31	0.25	2533	26.70	36.18	12	100
270	58.15	86.56	0.26	2542	26.80	35.85	12	100
300	58.73	87.03	0.26	2544	26.80	36.50	12	100
330	58.88	88.26	0.26	2515	26.80	35.97	12	100
360	59.26	88.85	0.26	2541	26.80	36.28	12	100
390	59.49	89.55	0.26	2543	26.80	36.23	12	100
420	59.66	90.35	0.26	2544	26.80	36.00	12	100
450	60.02	90.50	0.26	2543	26.80	36.45	12	100
480	60.04	91.37	0.26	2546	26.80	35.94	12	100
510	60.34	91.55	0.26	2535	26.80	36.28	12	100
540	60.47	91.98	0.26	2542	26.80	36.22	12	100
570	60.54	92.50	0.27	2526	26.80	35.93	12	100
600	60.80	92.53	0.26	2543	26.80	36.36	12	100
630	60.84	92.96	0.27	2516	26.80	36.11	12	100
660	60.97	93.21	0.27	2558	26.80	36.10	12	100
690	61.15	93.23	0.27	2541	26.80	36.39	12	100
720	61.09	93.75	0.27	2548	26.80	35.98	12	100
750	61.29	93.73	0.27	2544	26.80	36.23	12	100
780	61.39	93.82	0.27	2546	26.80	36.34	12	100
810	61.34	94.30	0.27	2529	26.80	35.99	12	100
840	61.51	94.21	0.27	2560	26.80	36.34	12	100
870	61.47	94.52	0.27	2538	26.80	36.08	12	100
900	61.56	94.59	0.27	2553	26.80	36.11	12	100
930	61.74	94.41	0.27	2537	26.80	36.49	12	100
960	61.60	95.00	0.27	2527	26.80	35.96	12	100
990	61.78	94.80	0.27	2549	26.80	36.41	12	100
1020	61.70	95.14	0.27	2525	26.80	36.10	12	100
1050	61.72	95.27	0.27	2552	26.80	35.99	12	100
1080	61.92	94.95	0.27	2544	26.80	36.49	12	100
1110	61.79	95.43	0.27	2524	26.80	35.95	12	100
1140	61.92	95.27	0.27	2556	26.80	36.26	12	100
1170	61.96	95.27	0.27	2527	26.80	36.35	12	100
1200	61.85	95.64	0.27	2533	26.80	35.94	12	100
1230	61.99	95.45	0.27	2554	26.80	36.27	12	100
1260	62.01	95.45	0.27	2538	26.80	36.31	12	100
1290	61.92	95.77	0.27	2524	26.80	35.94	12	100
1320	62.07	95.52	0.27	2546	26.80	36.33	12	100
1350	62.03	95.66	0.27	2540	26.80	36.24	12	100
1380	61.97	95.86	0.27	2540	26.80	35.95	12	100
1410	62.10	95.66	0.27	2544	26.80	36.30	12	100
1440	62.06	95.77	0.27	2533	26.80	36.23	12	100
1470	62.00	95.98	0.27	2532	26.80	35.97	12	100
1500	62.15	95.68	0.27	2548	26.80	36.38	12	100
1530	62.05	95.93	0.27	2549	26.80	36.08	12	100
1560	62.09	95.93	0.27	2537	26.80	36.10	12	100
1590	62.23	95.66	0.27	2556	26.80	36.46	12	100
1620	62.08	96.04	0.27	2536	26.80	36.00	12	100
1650	62.16	95.91	0.27	2561	26.80	36.25	12	100
1680	62.21	95.82	0.27	2550	26.80	36.33	12	100
1710	62.15	96.04	0.27	2554	26.80	36.06	12	100
1740	62.25	95.84	0.27	2544	26.80	36.37	12	100
1770	62.14	96.11	0.27	2536	26.80	36.08	12	100
1800	62.20	96.04	0.27	2552	26.80	36.19	12	100

