

ERQ125AW1

Heating

TC: Total capacity; kW; PI: Power Input; kW (Comp. + Outdoor fan motor)

Combination % kW (Capacity index)	Outdoor air temp.		Indoor air temp. °CWB											
			16.0		18.0		20.0		21.0		22.0		24.0	
			°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70% 9.80 kW (88)	-19.8	-20.0	10.3	4.39	10.2	4.49	10.2	4.60	10.2	4.65	10.2	4.70	9.8	4.50
	-18.8	-19.0	10.6	4.45	10.6	4.55	10.5	4.65	10.5	4.70	10.5	4.73	9.8	4.33
	-16.7	-17.0	11.2	4.55	11.2	4.65	11.2	4.74	10.8	4.58	10.5	4.40	9.8	4.03
	-13.7	-15.0	11.8	4.65	11.8	4.74	11.2	4.46	10.8	4.28	10.5	4.11	9.8	3.78
	-11.8	-13.0	12.5	4.73	11.9	4.51	11.2	4.18	10.8	4.02	10.5	3.86	9.8	3.55
	-9.8	-11.0	12.6	4.56	11.9	4.24	11.2	3.94	10.8	3.79	10.5	3.64	9.8	3.35
	-9.5	-10.0	12.6	4.43	11.9	4.12	11.2	3.83	10.8	3.68	10.5	3.54	9.8	3.26
	-8.5	-9.1	12.6	4.31	11.9	4.02	11.2	3.73	10.8	3.59	10.5	3.45	9.8	3.18
	-7.0	-7.6	12.6	4.14	11.9	3.86	11.2	3.59	10.8	3.45	10.5	3.32	9.8	3.06
	-5.0	-5.6	12.6	3.93	11.9	3.67	11.2	3.41	10.8	3.28	10.5	3.16	9.8	2.92
	-3.0	-3.7	12.6	3.75	11.9	3.50	11.2	3.26	10.8	3.14	10.5	3.02	9.8	2.79
	0.0	-0.7	12.6	3.49	11.9	3.27	11.2	3.04	10.8	2.93	10.5	2.83	9.8	2.61
	3.0	2.2	12.6	3.28	11.9	3.07	11.2	2.86	10.8	2.76	10.5	2.66	9.8	2.47
	5.0	4.1	12.6	3.16	11.9	2.96	11.2	2.76	10.8	2.66	10.5	2.57	9.8	2.38
	7.0	6.0	12.6	3.04	11.9	2.85	11.2	2.66	10.8	2.57	10.5	2.48	9.8	2.30
9.0	7.9	12.6	2.94	11.9	2.75	11.2	2.57	10.8	2.48	10.5	2.39	9.8	2.22	
11.0	9.8	12.6	2.84	11.9	2.66	11.2	2.49	10.8	2.40	10.5	2.32	9.8	2.15	
13.0	11.8	12.6	2.74	11.9	2.57	11.2	2.41	10.8	2.32	10.5	2.24	9.8	2.08	
15.0	13.7	12.6	2.66	11.9	2.49	11.2	2.33	10.8	2.25	10.5	2.18	9.8	2.02	
60% 8.40 kW (75)	-19.8	-20.0	10.2	4.65	10.2	4.74	9.6	4.41	9.3	4.23	9.0	4.06	8.4	3.73
	-18.8	-19.0	10.5	4.70	10.2	4.58	9.6	4.24	9.3	4.08	9.0	3.92	8.4	3.60
	-16.7	-17.0	10.8	4.58	10.2	4.28	9.6	3.95	9.3	3.80	9.0	3.65	8.4	3.36
	-13.7	-15.0	10.8	4.28	10.2	3.99	9.6	3.70	9.3	3.56	9.0	3.43	8.4	3.16
	-11.8	-13.0	10.8	4.02	10.2	3.75	9.6	3.48	9.3	3.35	9.0	3.23	8.4	2.98
	-9.8	-11.0	10.8	3.79	10.2	3.53	9.6	3.29	9.3	3.17	9.0	3.05	8.4	2.82
	-9.5	-10.0	10.8	3.68	10.2	3.44	9.6	3.20	9.3	3.08	9.0	2.97	8.4	2.74
	-8.5	-9.1	10.8	3.59	10.2	3.35	9.6	3.12	9.3	3.01	9.0	2.90	8.4	2.68
	-7.0	-7.6	10.8	3.45	10.2	3.23	9.6	3.01	9.3	2.90	9.0	2.79	8.4	2.58
	-5.0	-5.6	10.8	3.28	10.2	3.07	9.6	2.86	9.3	2.76	9.0	2.66	8.4	2.46
	-3.0	-3.7	10.8	3.14	10.2	2.94	9.6	2.74	9.3	2.64	9.0	2.55	8.4	2.36
	0.0	-0.7	10.8	2.93	10.2	2.75	9.6	2.57	9.3	2.48	9.0	2.39	8.4	2.22
	3.0	2.2	10.8	2.76	10.2	2.59	9.6	2.42	9.3	2.34	9.0	2.26	8.4	2.10
	5.0	4.1	10.8	2.66	10.2	2.50	9.6	2.34	9.3	2.26	9.0	2.18	8.4	2.03
	7.0	6.0	10.8	2.57	10.2	2.41	9.6	2.26	9.3	2.18	9.0	2.11	8.4	1.96
9.0	7.9	10.8	2.48	10.2	2.33	9.6	2.18	9.3	2.11	9.0	2.04	8.4	1.90	
11.0	9.8	10.8	2.40	10.2	2.26	9.6	2.12	9.3	2.05	9.0	1.98	8.4	1.84	
13.0	11.8	10.8	2.32	10.2	2.18	9.6	2.05	9.3	1.98	9.0	1.92	8.4	1.79	
15.0	13.7	10.8	2.25	10.2	2.12	9.6	1.99	9.3	1.93	9.0	1.86	8.4	1.74	
50% 7.00 kW (63)	-19.8	-20.0	9.0	4.09	8.5	3.81	8.0	3.54	7.7	3.41	7.5	3.28	7.0	3.03
	-18.8	-19.0	9.0	3.94	8.5	3.68	8.0	3.42	7.7	3.29	7.5	3.17	7.0	2.92
	-16.7	-17.0	9.0	3.68	8.5	3.43	8.0	3.20	7.7	3.08	7.5	2.96	7.0	2.74
	-13.7	-15.0	9.0	3.45	8.5	3.22	8.0	3.00	7.7	2.89	7.5	2.79	7.0	2.58
	-11.8	-13.0	9.0	3.24	8.5	3.04	8.0	2.83	7.7	2.73	7.5	2.63	7.0	2.44
	-9.8	-11.0	9.0	3.07	8.5	2.87	8.0	2.68	7.7	2.59	7.5	2.49	7.0	2.31
	-9.5	-10.0	9.0	2.98	8.5	2.80	8.0	2.61	7.7	2.52	7.5	2.43	7.0	2.25
	-8.5	-9.1	9.0	2.91	8.5	2.73	8.0	2.55	7.7	2.46	7.5	2.38	7.0	2.21
	-7.0	-7.6	9.0	2.81	8.5	2.63	8.0	2.46	7.7	2.38	7.5	2.29	7.0	2.13
	-5.0	-5.6	9.0	2.68	8.5	2.51	8.0	2.35	7.7	2.27	7.5	2.19	7.0	2.04
	-3.0	-3.7	9.0	2.56	8.5	2.41	8.0	2.25	7.7	2.18	7.5	2.10	7.0	1.96
	0.0	-0.7	9.0	2.40	8.5	2.26	8.0	2.12	7.7	2.05	7.5	1.98	7.0	1.84
	3.0	2.2	9.0	2.27	8.5	2.14	8.0	2.00	7.7	1.94	7.5	1.87	7.0	1.75
	5.0	4.1	9.0	2.19	8.5	2.06	8.0	1.94	7.7	1.87	7.5	1.81	7.0	1.69
	7.0	6.0	9.0	2.12	8.5	1.99	8.0	1.87	7.7	1.81	7.5	1.76	7.0	1.64
9.0	7.9	9.0	2.05	8.5	1.93	8.0	1.82	7.7	1.76	7.5	1.70	7.0	1.59	
11.0	9.8	9.0	1.99	8.5	1.87	8.0	1.76	7.7	1.71	7.5	1.65	7.0	1.55	
13.0	11.8	9.0	1.93	8.5	1.82	8.0	1.71	7.7	1.66	7.5	1.60	7.0	1.50	
15.0	13.7	9.0	1.87	8.5	1.77	8.0	1.66	7.7	1.61	7.5	1.56	7.0	1.46	