RMXS112EV - Cooling capacity

Combination (%) (Capacity index)	Outdoor air temp. (°CDB)	Indoor air temp.: °CWB													
		14 °C		16 °C		18 °C		19 °C		20 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% 14.56 kW	10	9.83	1.57	11.7	1.93	13.6	2.29	14.6	2.48	15.5	2.66	16.6	2.76	16.9	2.64
	12	9.83	1.60	11.7	1.96	13.6	2.34	14.6	2.52	15.5	2.71	16.4	2.75	16.7	2.70
	14	9.83	1.63	11.7	2.00	13.6	2.38	14.6	2.57	15.5	2.76	16.1	2.83	16.5	2.85
	16	9.83	1.67	11.7	2.04	13.6	2.43	14.6	2.66	15.5	2.93	15.9	2.98	16.3	3.00
	18	9.83	1.70	11.7	2.08	13.6	2.58	14.6	2.87	15.4	3.11	15.7	3.13	16.1	3.16
	20	9.83	1.73	11.7	2.22	13.6	2.78	14.6	3.08	15.2	3.26	15.5	3.29	15.9	3.31
	21	9.83	1.78	11.7	2.30	13.6	2.88	14.6	3.20	15.0	3.34	15.4	3.36	15.8	3.39
	23	9.83	1.91	11.7	2.46	13.6	3.09	14.6	3.43	14.8	3.49	15.2	3.52	15.5	3.54
	25	9.83	2.04	11.7	2.64	13.6	3.31	14.4	3.62	14.6	3.64	15.0	3.67	15.3	3.70
	27	9.83	2.18	11.7	2.82	13.6	3.55	14.2	3.78	14.4	3.79	14.8	3.82	15.1	3.86
	29	9.83	2.32	11.7	3.01	13.6	3.79	14.0	3.93	14.2	3.95	14.5	3.98	14.9	4.01
	31	9.83	2.48	11.7	3.22	13.6	4.06	13.8	4.08	14.0	4.10	14.3	4.13	14.7	4.17
	33	9.83	2.64	11.7	3.44	13.4	4.22	13.6	4.24	13.8	4.25	14.1	4.29	14.5	4.33
	35	9.83	2.81	11.7	3.66	13.2	4.37	13.4	4.39	13.6	4.41	13.9	4.45	14.3	4.49
	37	9.83	3.00	11.7	3.91	13.0	4.52	13.2	4.54	13.3	4.56	13.7	4.61	14.0	4.65
	39	9.83	3.19	11.7	4.17	12.8	4.68	13.0	4.70	13.1	4.72	13.5	4.76	13.8	4.81
	43	9.83	3.61	11.7	4.73	12.3	4.99	12.5	5.01	12.7	5.04	13.1	5.08	13.4	5.13
	46	9.83	3.97	11.7	5.17	12.0	5.22	12.2	5.25	12.4	5.28	12.7	5.33	13.1	5.38
120% 13.44 kW	10	9.07	1.44	10.8	1.76	12.6	2.09	13.4	2.26	14.3	2.43	16.1	2.77	16.6	2.74
	12	9.07	1.47	10.8	1.79	12.6	2.13	13.4	2.30	14.3	2.48	16.1	2.82	16.4	2.72
	14	9.07	1.49	10.8	1.82	12.6	2.17	13.4	2.35	14.3	2.52	15.9	2.82	16.2	2.83
	16	9.07	1.52	10.8	1.86	12.6	2.21	13.4	2.39	14.3	2.59	15.7	2.97	16.0	2.99
	18	9.07	1.55	10.8	1.90	12.6	2.29	13.4	2.53	14.3	2.79	15.5	3.12	15.8	3.14
	20	9.07	1.58	10.8	1.97	12.6	2.46	13.4	2.72	14.3	3.00	15.3	3.27	15.6	3.29
	21	9.07	1.60	10.8	2.04	12.6	2.55	13.4	2.82	14.3	3.11	15.1	3.34	15.5	3.37
	23	9.07	1.70	10.8	2.19	12.6	2.73	13.4	3.03	14.3	3.34	14.9	3.50	15.3	3.52
	25	9.07	1.82	10.8	2.34	12.6	2.93	13.4	3.25	14.3	3.58	14.7	3.65	15.1	3.68
	27	9.07	1.94	10.8	2.50	12.6	3.13	13.4	3.48	14.2	3.77	14.5	3.80	14.8	3.83
	29	9.07	2.07	10.8	2.67	12.6	3.35	13.4	3.72	14.0	3.92	14.3	3.96	14.6	3.99
	31	9.07	2.21	10.8	2.85	12.6	3.58	13.4	3.98	13.8	4.08	14.1	4.11	14.4	4.14
	33	9.07	2.35	10.8	3.04	12.6	3.82	13.4	4.21	13.5	4.23	13.9	4.26	14.2	4.30
	35	9.07	2.51	10.8	3.25	12.6	4.08	13.2	4.37	13.3	4.38	13.7	4.42	14.0	4.46
	37	9.07	2.67	10.8	3.46	12.6	4.36	13.0	4.52	13.1	4.54	13.4	4.58	13.8	4.61
	39	9.07	2.84	10.8	3.69	12.6	4.65	12.7	4.67	12.9	4.69	13.2	4.73	13.6	4.77
	43	9.07	3.21	10.8	4.18	12.2	4.96	12.3	4.98	12.5	5.01	12.8	5.05	13.1	5.10
	46	9.07	3.52	10.8	4.60	11.8	5.19	12.0	5.22	12.2	5.24	12.5	5.29	12.8	5.34
110% 12.32 kW	10	8.31	1.31	9.92	1.59	11.5	1.89	12.3	2.04	13.1	2.20	14.7	2.51	16.3	2.82
	12	8.31	1.33	9.92	1.62	11.5	1.93	12.3	2.08	13.1	2.24	14.7	2.56	16.2	2.82
	14	8.31	1.35	9.92	1.65	11.5	1.96	12.3	2.12	13.1	2.28	14.7	2.61	15.9	2.82
	16	8.31	1.38	9.92	1.68	11.5	2.00	12.3	2.16	13.1	2.33	14.7	2.71	15.7	2.97
	18	8.31	1.41	9.92	1.72	11.5	2.04	12.3	2.22	13.1	2.44	14.7	2.92	15.5	3.12
	20	8.31	1.43	9.92	1.75	11.5	2.16	12.3	2.39	13.1	2.63	14.7	3.14	15.3	3.27
	21	8.31	1.45	9.92	1.80	11.5	2.24	12.3	2.47	13.1	2.72	14.7	3.25	15.2	3.35
	23	8.31	1.51	9.92	1.93	11.5	2.40	12.3	2.65	13.1	2.92	14.7	3.48	15.0	3.50
	25	8.31	1.62	9.92	2.07	11.5	2.57	12.3	2.84	13.1	3.13	14.5	3.63	14.8	3.65
	27	8.31	1.73	9.92	2.21	11.5	2.75	12.3	3.04	13.1	3.35	14.3	3.78	14.6	3.81
	29	8.31	1.84	9.92	2.36	11.5	2.94	12.3	3.25	13.1	3.58	14.0	3.93	14.3	3.96
	31	8.31	1.96	9.92	2.51	11.5	3.14	12.3	3.47	13.1	3.83	13.8	4.08	14.1	4.11
	33	8.31	2.08	9.92	2.68	11.5	3.35	12.3	3.71	13.1	4.09	13.6	4.24	13.9	4.27
	35	8.31	2.22	9.92	2.85	11.5	3.57	12.3	3.96	13.1	4.36	13.4	4.39	13.7	4.43
	37	8.31	2.36	9.92	3.04	11.5	3.81	12.3	4.22	12.9	4.51	13.2	4.55	13.5	4.58
	39	8.31	2.51	9.92	3.23	11.5	4.06	12.3	4.50	12.7	4.67	13.0	4.70	13.3	4.74
	43	8.31	2.83	9.92	3.66	11.5	4.61	12.1	4.95	12.3	4.98	12.6	5.02	12.9	5.06
	46	8.31	3.10	9.92	4.02	11.5	5.07	11.8	5.19	11.9	5.21	12.2	5.25	12.5	5.30
100% 11.20 kW	10	7.56	1.18	9.02	1.43	10.5	1.69	11.2	1.83	11.9	1.97	13.4	2.25	14.8	2.53
	12	7.56	1.20	9.02	1.46	10.5	1.72	11.2	1.86	11.9	2.00	13.4	2.29	14.8	2.58
	14	7.56	1.22	9.02	1.48	10.5	1.76	11.2	1.90	11.9	2.04	13.4	2.33	14.8	2.63
	16	7.56	1.24	9.02	1.51	10.5	1.79	11.2	1.94	11.9	2.08	13.4	2.38	14.8	2.74
	18	7.56	1.27	9.02	1.54	10.5	1.83	11.2	1.97	11.9	2.12	13.4	2.52	14.8	2.95
	20	7.56	1.29	9.02	1.57	10.5	1.88	11.2	2.07	11.9	2.28	13.4	2.71	14.8	3.18
	21	7.56	1.30	9.02	1.59	10.5	1.95	11.2	2.15	11.9	2.36	13.4	2.81	14.8	3.29
	23	7.56	1.34	9.02	1.69	10.5	2.09	11.2	2.30	11.9	2.53	13.4	3.01	14.7	3.48
	25	7.56	1.43	9.02	1.81	10.5	2.23	11.2	2.46	11.9	2.71	13.4	3.23	14.5	3.63
	27	7.56	1.52	9.02	1.93	10.5	2.39	11.2	2.64	11.9	2.90	13.4	3.45	14.3	3.78
	29	7.56	1.62	9.02	2.06	10.5	2.55	11.2	2.82	11.9	3.10	13.4	3.70	14.1	3.93
	31	7.56	1.72	9.02	2.19	10.5	2.72	11.2	3.01	11.9	3.31	13.4	3.95	13.9	4.09
	33	7.56	1.83	9.02	2.33	10.5	2.90	11.2	3.21	11.9	3.53	13.4	4.21	13.6	4.24
	35	7.56	1.95	9.02	2.49	10.5	3.09	11.2	3.42	11.9	3.77	13.2	4.36	13.4	4.39
	37	7.56	2.07	9.02	2.64	10.5	3.29	11.2	3.65	11.9	4.02	12.9	4.52	13.2	4.55
	39	7.56	2.20	9.02	2.81	10.5	3.51	11.2	3.89	11.9	4.28	12.7	4.67	13.0	4.71
	43	7.56	2.48	9.02	3.18	10.5	3.98	11.2	4.41	11.9	4.87	12.3	4.98	12.6	5.02
	46	7.56	2.71	9.02	3.49	10.5	4.37	11.2	4.85	11.7	5.18	12.0	5.22	12.3	5.26
90% 10.08 kW	10	6.80	1.05	8.11	1.27	9.42	1.50	10.1	1.62	10.7	1.74	12.0	1.99	13.4	2.24
	12	6.80	1.07	8.11	1.29	9.42	1.53	10.1	1.65	10.7	1.77	12.0	2.03	13.4	2.29
	14	6.80	1.09	8.11	1.32	9.42	1.56	10.1	1.68	10.7	1.81	12.0	2.07	13.4	2.33
	16	6.80	1.11	8.11	1.34	9.42	1.59	10.1	1.71	10.7	1.84	12.0	2.11	13.4	2.37
	18	6.80	1.13	8.11	1.37	9.42	1.62	10.1	1.75	10.7	1.88	12.0	2.15	13.4	2.51
	20	6.80	1.15	8.11	1.39	9.42	1.65	10.1	1.78	10.7	1.95	12.0	2.31	13.4	2.70
	21	6.80	1.16	8.11	1.41	9.42	1.68	10.1	1.85	10.7	2.02	12.0	2.39	13.4	2.80
	23	6.80	1.18	8.11	1.47	9.42	1.80	10.1	1.98	10.7	2.16	12.0	2.57	13.4	3.00
	25	6.80	1.25	8.11	1.57	9.42	1.92	10.1	2.11	10.7	2.32	12.0	2.75	13.4	3.22
	27	6.80	1.33	8.11	1.67	9.42	2.05	10.1	2.26	10.7	2.48	12.0	2.94	13.4	3.44
	29	6.80	1.41	8.11	1.78	9.42	2.19	10.1	2.41	10.7	2.64	12.0	3.14	13.4	3.68
	31	6.80	1.50	8.11	1.89	9.42	2.33	10.1	2.57	10.7	2.82	12.0	3.36	13.4	3.94
	33	6.80	1.60	8.11	2.02	9.42	2.49	10.1	2.74	10.7	3.01	12.0	3.58	13.4	4.21
	35	6.80	1.69	8.11	2.14	9.42	2.65	10.1	2.92	10.7	3.21	12.0	3.82	13.2	4.36
	37	6.80	1.80	8.11	2.28	9.42	2.82	10.1	3.11	10.7	3.42	12.0	4.08	12.9	4.52
	39	6.80	1.91	8.11	2.42	9.42	3.00	10.1	3.31	10.7	3.64	12.0	4.35	12.7	4.67
	43	6.80	2.15	8.11	2.73	9.42	3.40	10.1	3.76	10.7	4.13	12.0	4.94	12.3	4.98
	46	6.80	2.34	8.11	2.99	9.42	3.73	10.1	4.13	10.7	4.54	11.7	5.18	12.0	5.22

Symbols:

TC: Total capacity (kW)
Power input: kW (Comp. + outdoor fan motor)

The above table shows the average value of conditions which may occur.