RMXS140EV - 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% 18.20 kW	10	12.3	2.03	14.6	2.49	17.0	2.96	18.2	3.20	19.1	3.35	19.6	3.21	20.0	3.06
	12	12.3	2.07	14.6	2.53	17.0	3.01	18.2	3.25	18.9	3.33	19.3	3.19	19.8	3.13
	14	12.3	2.11	14.6	2.58	17.0	3.07	18.2	3.32	18.6	3.31	19.1	3.28	19.5	3.31
	16	12.3	2.15	14.6	2.63	17.0	3.13	18.2	3.42	18.4	3.43	18.8	3.46	19.3	3.49
	18	12.3	2.19	14.6	2.68	17.0	3.33	17.9	3.59	18.1	3.61	18.6	3.64	19.0	3.67
	20	12.3	2.23	14.6	2.86	17.0	3.58	17.7	3.77	17.9	3.78	18.3	3.82	18.8	3.85
	21	12.3	2.30	14.6	2.96	17.0	3.71	17.5	3.85	17.8	3.87	18.2	3.90	18.7	3.94
	23	12.3	2.46	14.6	3.17	17.0	3.98	17.3	4.03	17.5	4.05	18.0	4.08	18.4	4.12
	25	12.3	2.63	14.6	3.40	16.8	4.19	17.1	4.21	17.3	4.22	17.7	4.26	18.2	4.30
	27	12.3	2.81	14.6	3.64	16.6	4.36	16.8	4.38	17.0	4.40	17.5	4.44	17.9	4.48
	29	12.3	3.00	14.6	3.89	16.3	4.54	16.6	4.56	16.8	4.58	17.2	4.62	17.7	4.67
	31	12.3	3.20	14.6	4.15	16.1	4.71	16.3	4.74	16.5	4.76	17.0	4.81	17.4	4.85
	33	12.3	3.41	14.6	4.43	15.8	4.89	16.1	4.92	16.3	4.94	16.7	4.99	17.2	5.04
	35	12.3	3.63	14.6	4.73	15.6	5.07	15.8	5.10	16.0	5.12	16.5	5.17	16.9	5.22
	37	12.3	3.86	14.6	5.04	15.3	5.25	15.6	5.28	15.8	5.30	16.2	5.36	16.7	5.41
	39	12.3	4.11	14.6	5.37	15.1	5.43	15.3	5.46	15.5	5.49	16.0	5.54	16.4	5.60
	43	12.3	4.66	14.2	5.73	14.6	5.79	14.8	5.82	15.0	5.85	15.5	5.92	15.9	5.98
	46	12.3	5.12	13.8	6.00	14.2	6.07	14.4	6.10	14.7	6.13	15.1	6.20	15.6	6.27
120% 16.80 kW	10	11.3	1.86	13.5	2.27	15.7	2.69	16.8	2.91	17.9	3.13	19.3	3.31	19.7	3.18
	12	11.3	1.89	13.5	2.31	15.7	2.75	16.8	2.97	17.9	3.19	19.0	3.29	19.4	3.15
	14	11.3	1.92	13.5	2.35	15.7	2.80	16.8	3.02	17.9	3.25	18.8	3.27	19.2	3.29
	16	11.3	1.96	13.5	2.40	15.7	2.85	16.8	3.08	17.9	3.34	18.5	3.44	18.9	3.47
	18	11.3	2.00	13.5	2.45	15.7	2.95	16.8	3.27	17.9	3.59	18.3	3.62	18.7	3.64
	20	11.3	2.04	13.5	2.54	15.7	3.17	16.8	3.51	17.6	3.76	18.0	3.79	18.4	3.82
	21	11.3	2.06	13.5	2.63	15.7	3.29	16.8	3.64	17.5	3.85	17.9	3.88	18.3	3.91
	23	11.3	2.20	13.5	2.82	15.7	3.53	16.8	3.91	17.2	4.02	17.7	4.06	18.1	4.09
	25	11.3	2.35	13.5	3.02	15.7	3.78	16.8	4.18	17.0	4.20	17.4	4.24	17.8	4.27
	27	11.3	2.51	13.5	3.23	15.7	4.04	16.5	4.36	16.7	4.38	17.2	4.41	17.6	4.45
	29	11.3	2.67	13.5	3.45	15.7	4.32	16.3	4.53	16.5	4.55	16.9	4.59	17.3	4.63
	31	11.3	2.85	13.5	3.68	15.7	4.62	16.0	4.71	16.2	4.73	16.7	4.77	17.1	4.82
	33	11.3	3.04	13.5	3.93	15.6	4.87	15.8	4.89	16.0	4.91	16.4	4.95	16.8	5.00
	35	11.3	3.23	13.5	4.19	15.3	5.04	15.5	5.07	15.8	5.09	16.2	5.14	16.6	5.18
	37	11.3	3.44	13.5	4.46	15.1	5.22	15.3	5.24	15.5	5.27	15.9	5.32	16.3	5.37
	39	11.3	3.66	13.5	4.75	14.8	5.40	15.1	5.42	15.3	5.45	15.7	5.50	16.1	5.55
	43	11.3	4.14	13.5	5.39	14.4	5.76	14.6	5.79	14.8	5.81	15.2	5.87	15.6	5.93
	46	11.3	4.54	13.5	5.93	14.0	6.03	14.2	6.06	14.4	6.09	14.8	6.15	15.2	6.21
110% 15.40 kW	10	10.4	1.68	12.4	2.05	14.4	2.44	15.4	2.63	16.4	2.83	18.4	3.24	19.3	3.29
	12	10.4	1.72	12.4	2.09	14.4	2.48	15.4	2.68	16.4	2.89	18.4	3.30	19.1	3.27
	14	10.4	1.75	12.4	2.13	14.4	2.53	15.4	2.73	16.4	2.94	18.4	3.36	18.8	3.27
	16	10.4	1.78	12.4	2.17	14.4	2.58	15.4	2.79	16.4	3.00	18.2	3.42	18.6	3.44
	18	10.4	1.81	12.4	2.21	14.4	2.63	15.4	2.86	16.4	3.15	18.0	3.59	18.3	3.62
	20	10.4	1.85	12.4	2.26	14.4	2.79	15.4	3.08	16.4	3.39	17.7	3.77	18.1	3.80
	21	10.4	1.87	12.4	2.33	14.4	2.89	15.4	3.19	16.4	3.51	17.6	3.86	18.0	3.89
	23	10.4	1.95	12.4	2.49	14.4	3.09	15.4	3.42	16.4	3.77	17.3	4.03	17.7	4.06
	25	10.4	2.09	12.4	2.66	14.4	3.31	15.4	3.66	16.4	4.04	17.1	4.21	17.5	4.24
	27	10.4	2.23	12.4	2.85	14.4	3.54	15.4	3.92	16.4	4.32	16.8	4.39	17.2	4.42
	29	10.4	2.37	12.4	3.04	14.4	3.79	15.4	4.19	16.2	4.53	16.6	4.56	17.0	4.60
	31	10.4	2.53	12.4	3.24	14.4	4.04	15.4	4.48	16.0	4.70	16.3	4.74	16.7	4.78
	33	10.4	2.69	12.4	3.45	14.4	4.31	15.4	4.78	15.7	4.88	16.1	4.92	16.5	4.96
	35	10.4	2.86	12.4	3.68	14.4	4.60	15.3	5.04	15.5	5.06	15.8	5.10	16.2	5.14
	37	10.4	3.04	12.4	3.92	14.4	4.91	15.0	5.21	15.2	5.24	15.6	5.28	16.0	5.33
	39	10.4	3.23	12.4	4.17	14.4	5.23	14.8	5.39	15.0	5.41	15.4	5.46	15.7	5.51
	43	10.4	3.65	12.4	4.73	14.1	5.72	14.3	5.75	14.5	5.77	14.9	5.83	15.2	5.88
	46	10.4	4.00	12.4	5.19	13.7	5.99	13.9	6.02	14.1	6.05	14.5	6.10	14.9	6.16
100% 14.00 kW	10	9.45	1.52	11.3	1.84	13.1	2.18	14.0	2.36	14.9	2.54	16.7	2.90	18.6	3.27
	12	9.45	1.55	11.3	1.88	13.1	2.22	14.0	2.40	14.9	2.58	16.7	2.95	18.6	3.33
	14	9.45	1.57	11.3	1.91	13.1	2.27	14.0	2.45	14.9	2.63	16.7	3.01	18.5	3.37
	16	9.45	1.60	11.3	1.95	13.1	2.31	14.0	2.50	14.9	2.69	16.7	3.07	18.2	3.42
	18	9.45	1.63	11.3	1.99	13.1	2.36	14.0	2.55	14.9	2.74	16.7	3.25	18.0	3.60
	20	9.45	1.66	11.3	2.02	13.1	2.43	14.0	2.67	14.9	2.93	16.7	3.49	17.7	3.77
	21	9.45	1.68	11.3	2.04	13.1	2.51	14.0	2.77	14.9	3.04	16.7	3.62	17.6	3.86
	23	9.45	1.72	11.3	2.18	13.1	2.69	14.0	2.97	14.9	3.26	16.7	3.88	17.4	4.03
	25	9.45	1.84	11.3	2.33	13.1	2.88	14.0	3.18	14.9	3.49	16.7	4.16	17.1	4.21
	27	9.45	1.96	11.3	2.49	13.1	3.08	14.0	3.40	14.9	3.73	16.5	4.36	16.9	4.39
	29	9.45	2.09	11.3	2.65	13.1	3.29	14.0	3.63	14.9	3.99	16.3	4.53	16.6	4.57
	31	9.45	2.22	11.3	2.83	13.1	3.51	14.0	3.88	14.9	4.26	16.0	4.71	16.4	4.74
	33	9.45	2.36	11.3	3.01	13.1	3.74	14.0	4.14	14.9	4.55	15.8	4.89	16.1	4.92
	35	9.45	2.51	11.3	3.20	13.1	3.99	14.0	4.41	14.9	4.86	15.5	5.06	15.9	5.10
	37	9.45	2.67	11.3	3.41	13.1	4.25	14.0	4.70	14.9	5.18	15.3	5.24	15.6	5.28
	39	9.45	2.83	11.3	3.63	13.1	4.52	14.0	5.01	14.7	5.38	15.0	5.42	15.4	5.47
	43	9.45	3.19	11.3	4.10	13.1	5.13	14.0	5.69	14.2	5.74	14.5	5.78	14.9	5.83
	46	9.45	3.49	11.3	4.50	13.1	5.64	13.7	5.98	13.8	6.01	14.2	6.06	14.5	6.11
90% 12.60 kW	10	8.50	1.36	10.1	1.64	11.8	1.94	12.6	2.09	13.4	2.25	15.1	2.57	16.7	2.89
	12	8.50	1.38	10.1	1.67	11.8	1.97	12.6	2.13	13.4	2.29	15.1	2.61	16.7	2.95
	14	8.50	1.41	10.1	1.70	11.8	2.01	12.6	2.17	13.4	2.33	15.1	2.66	16.7	3.00
	16	8.50	1.43	10.1	1.73	11.8	2.05	12.6	2.21	13.4	2.38	15.1	2.72	16.7	3.06
	18	8.50	1.46	10.1	1.76	11.8	2.09	12.6	2.25	13.4	2.42	15.1	2.77	16.7	3.24
	20	8.50	1.48	10.1	1.80	11.8	2.13	12.6	2.30	13.4	2.52	15.1	2.98	16.7	3.48
	21	8.50	1.50	10.1	1.82	11.8	2.17	12.6	2.38	13.4	2.60	15.1	3.08	16.7	3.61
	23	8.50	1.53	10.1	1.89	11.8	2.32	12.6	2.55	13.4	2.79	15.1	3.31	16.7	3.87
	25	8.50	1.61	10.1	2.02	11.8	2.48	12.6	2.73	13.4	2.99	15.1	3.54	16.7	4.15
	27	8.50	1.71	10.1	2.15	11.8	2.65	12.6	2.91	13.4	3.19	15.1	3.79	16.5	4.36
	29	8.50	1.82	10.1	2.29	11.8	2.82	12.6	3.11	13.4	3.41	15.1	4.05	16.3	4.53
	31	8.50	1.94	10.1	2.44	11.8	3.01	12.6	3.32	13.4	3.64	15.1	4.33	16.0	4.71
	33	8.50	2.06	10.1	2.60	11.8	3.21	12.6	3.54	13.4	3.88	15.1	4.62	15.8	4.89
	35	8.50	2.18	10.1	2.76	11.8	3.42	12.6	3.77	13.4	4.14	15.1	4.93	15.5	5.06
	37	8.50	2.32	10.1	2.94	11.8	3.64	12.6	4.01	13.4	4.41	15.0	5.20	15.3	5.24
	39	8.50	2.46	10.1	3.12	11.8	3.87	12.6	4.27	13.4	4.70	14.7	5.38	15.0	5.42
	43	8.50	2.77	10.1	3.53	11.8	4.38	12.6	4.84	13.4	5.33	14.2	5.74	14.5	5.78
	46	8.50	3.02	10.1	3.86	11.8	4.81	12.6	5.32	13.4	5.86	13.9	6.01	14.2	6.06

Symbols:

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

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