RMXS160EV - 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
80% 12.80 kW	10	8.37	1.30	10.0	1.55	11.6	1.82	12.4	1.96	13.2	2.11	14.8	2.40	16.4	2.71
	12	8.37	1.32	10.0	1.58	11.6	1.85	12.4	2.00	13.2	2.15	14.8	2.45	16.4	2.76
	14	8.37	1.34	10.0	1.61	11.6	1.89	12.4	2.04	13.2	2.19	14.8	2.49	16.4	2.81
	16	8.37	1.36	10.0	1.63	11.6	1.92	12.4	2.07	13.2	2.23	14.8	2.54	16.4	2.87
	18	8.37	1.38	10.0	1.66	11.6	1.96	12.4	2.11	13.2	2.27	14.8	2.59	16.4	2.92
	20	8.37	1.41	10.0	1.70	11.6	2.00	12.4	2.16	13.2	2.32	14.8	2.69	16.4	3.13
	21	8.37	1.42	10.0	1.71	11.6	2.02	12.4	2.18	13.2	2.36	14.8	2.78	16.4	3.24
	23	8.37	1.45	10.0	1.74	11.6	2.12	12.4	2.32	13.2	2.53	14.8	2.98	16.4	3.47
	25	8.37	1.49	10.0	1.86	11.6	2.26	12.4	2.48	13.2	2.70	14.8	3.19	16.4	3.72
	27	8.37	1.59	10.0	1.98	11.6	2.41	12.4	2.64	13.2	2.89	14.8	3.41	16.4	3.98
	29	8.37	1.69	10.0	2.11	11.6	2.57	12.4	2.82	13.2	3.08	14.8	3.64	16.4	4.25
	31	8.37	1.79	10.0	2.24	11.6	2.74	12.4	3.01	13.2	3.29	14.8	3.89	16.4	4.54
	33	8.37	1.90	10.0	2.38	11.6	2.91	12.4	3.20	13.2	3.50	14.8	4.15	16.4	4.85
	35	8.37	2.02	10.0	2.53	11.6	3.10	12.4	3.41	13.2	3.73	14.8	4.42	16.2	5.03
	37	8.37	2.14	10.0	2.69	11.6	3.30	12.4	3.63	13.2	3.97	14.8	4.71	15.9	5.20
	39	8.37	2.27	9.98	2.85	11.6	3.50	12.4	3.86	13.2	4.23	14.8	5.02	15.7	5.38
	43	8.37	2.54	9.98	3.21	11.6	3.96	12.4	4.36	13.2	4.79	14.8	5.69	15.1	5.74
	46	8.37	2.77	9.98	3.51	11.6	4.34	12.4	4.78	13.2	5.25	14.4	5.97	14.7	6.01
70% 11.20 kW	10	7.32	1.14	8.73	1.35	10.1	1.58	10.9	1.70	11.6	1.82	13.0	2.06	14.4	2.32
	12	7.32	1.16	8.73	1.37	10.1	1.60	10.9	1.73	11.6	1.85	13.0	2.10	14.4	2.36
	14	7.32	1.17	8.73	1.40	10.1	1.63	10.9	1.76	11.6	1.88	13.0	2.14	14.4	2.41
	16	7.32	1.19	8.73	1.42	10.1	1.66	10.9	1.79	11.6	1.92	13.0	2.18	14.4	2.46
	18	7.32	1.21	8.73	1.45	10.1	1.69	10.9	1.82	11.6	1.95	13.0	2.22	14.4	2.50
	20	7.32	1.23	8.73	1.47	10.1	1.73	10.9	1.86	11.6	1.99	13.0	2.27	14.4	2.57
	21	7.32	1.24	8.73	1.49	10.1	1.74	10.9	1.87	11.6	2.01	13.0	2.30	14.4	2.66
	23	7.32	1.27	8.73	1.51	10.1	1.78	10.9	1.94	11.6	2.11	13.0	2.47	14.4	2.85
	25	7.32	1.29	8.73	1.57	10.1	1.90	10.9	2.07	11.6	2.25	13.0	2.64	14.4	3.05
	27	7.32	1.36	8.73	1.67	10.1	2.02	10.9	2.21	11.6	2.40	13.0	2.81	14.4	3.26
	29	7.32	1.44	8.73	1.78	10.1	2.15	10.9	2.35	11.6	2.56	13.0	3.00	14.4	3.48
	31	7.32	1.53	8.73	1.89	10.1	2.29	10.9	2.50	11.6	2.72	13.0	3.20	14.4	3.72
	33	7.32	1.62	8.73	2.01	10.1	2.43	10.9	2.66	11.6	2.90	13.0	3.41	14.4	3.96
	35	7.32	1.72	8.73	2.13	10.1	2.58	10.9	2.83	11.6	3.09	13.0	3.63	14.4	4.23
	37	7.32	1.82	8.73	2.26	10.1	2.74	10.9	3.01	11.6	3.28	13.0	3.87	14.4	4.50
	39	7.32	1.93	8.73	2.39	10.1	2.91	10.9	3.19	11.6	3.49	13.0	4.11	14.4	4.79
	43	7.32	2.15	8.73	2.69	10.1	3.28	10.9	3.60	11.6	3.94	13.0	4.66	14.4	5.44
	46	7.32	2.34	8.73	2.93	10.1	3.59	10.9	3.94	11.6	4.32	13.0	5.11	14.4	5.95
60% 9.60 kW	10	6.28	0.99	7.49	1.16	8.70	1.35	9.30	1.44	9.90	1.54	11.1	1.74	12.3	1.95
	12	6.28	1.00	7.49	1.18	8.70	1.37	9.30	1.46	9.90	1.56	11.1	1.77	12.3	1.98
	14	6.28	1.02	7.49	1.20	8.70	1.39	9.30	1.49	9.90	1.59	11.1	1.80	12.3	2.02
	16	6.28	1.03	7.49	1.22	8.70	1.41	9.30	1.52	9.90	1.62	11.1	1.84	12.3	2.06
	18	6.28	1.05	7.49	1.24	8.70	1.44	9.30	1.54	9.90	1.65	11.1	1.87	12.3	2.10
	20	6.28	1.07	7.49	1.26	8.70	1.46	9.30	1.57	9.90	1.68	11.1	1.91	12.3	2.14
	21	6.28	1.08	7.49	1.27	8.70	1.48	9.30	1.59	9.90	1.70	11.1	1.93	12.3	2.16
	23	6.28	1.09	7.49	1.29	8.70	1.51	9.30	1.62	9.90	1.73	11.1	2.00	12.3	2.30
	25	6.28	1.11	7.49	1.32	8.70	1.56	9.30	1.70	9.90	1.84	11.1	2.14	12.3	2.46
	27	6.28	1.15	7.49	1.40	8.70	1.66	9.30	1.81	9.90	1.96	11.1	2.28	12.3	2.62
	29	6.28	1.22	7.49	1.48	8.70	1.77	9.30	1.92	9.90	2.08	11.1	2.43	12.3	2.80
	31	6.28	1.29	7.49	1.57	8.70	1.88	9.30	2.04	9.90	2.22	11.1	2.58	12.3	2.98
	33	6.28	1.37	7.49	1.67	8.70	2.00	9.30	2.17	9.90	2.36	11.1	2.75	12.3	3.17
	35	6.28	1.45	7.49	1.76	8.70	2.12	9.30	2.31	9.90	2.50	11.1	2.92	12.3	3.38
	37	6.28	1.53	7.49	1.87	8.70	2.24	9.30	2.45	9.90	2.66	11.1	3.11	12.3	3.59
	39	6.28	1.61	7.49	1.98	8.70	2.38	9.30	2.60	9.90	2.82	11.1	3.30	12.3	3.82
	43	6.28	1.80	7.49	2.21	8.70	2.67	9.30	2.92	9.90	3.18	11.1	3.73	12.3	4.32
	46	6.28	1.95	7.49	2.41	8.70	2.92	9.30	3.19	9.90	3.47	11.1	4.08	12.3	4.74
50% 8.00 kW	10	5.23	0.85	6.24	0.99	7.25	1.13	7.75	1.20	8.25	1.28	9.26	1.43	10.3	1.60
	12	5.23	0.86	6.24	1.00	7.25	1.14	7.75	1.22	8.25	1.30	9.26	1.46	10.3	1.63
	14	5.23	0.87	6.24	1.01	7.25	1.16	7.75	1.24	8.25	1.32	9.26	1.48	10.3	1.65
	16	5.23	0.89	6.24	1.03	7.25	1.18	7.75	1.26	8.25	1.34	9.26	1.51	10.3	1.68
	18	5.23	0.90	6.24	1.04	7.25	1.20	7.75	1.28	8.25	1.36	9.26	1.54	10.3	1.72
	20	5.23	0.91	6.24	1.06	7.25	1.22	7.75	1.30	8.25	1.39	9.26	1.56	10.3	1.75
	21	5.23	0.92	6.24	1.07	7.25	1.23	7.75	1.31	8.25	1.40	9.26	1.58	10.3	1.76
	23	5.23	0.93	6.24	1.09	7.25	1.25	7.75	1.34	8.25	1.43	9.26	1.61	10.3	1.81
	25	5.23	0.95	6.24	1.10	7.25	1.27	7.75	1.37	8.25	1.47	9.26	1.69	10.3	1.93
	27	5.23	0.96	6.24	1.14	7.25	1.35	7.75	1.45	8.25	1.56	9.26	1.80	10.3	2.05
	29	5.23	1.02	6.24	1.21	7.25	1.43	7.75	1.54	8.25	1.66	9.26	1.91	10.3	2.19
	31	5.23	1.07	6.24	1.28	7.25	1.51	7.75	1.64	8.25	1.76	9.26	2.03	10.3	2.32
	33	5.23	1.13	6.24	1.36	7.25	1.60	7.75	1.73	8.25	1.87	9.26	2.16	10.3	2.47
	35	5.23	1.20	6.24	1.44	7.25	1.70	7.75	1.84	8.25	1.98	9.26	2.29	10.3	2.63
	37	5.23	1.26	6.24	1.52	7.25	1.80	7.75	1.95	8.25	2.10	9.26	2.43	10.3	2.79
	39	5.23	1.33	6.24	1.60	7.25	1.90	7.75	2.06	8.25	2.23	9.26	2.58	10.3	2.96
	43	5.23	1.48	6.24	1.79	7.25	2.13	7.75	2.31	8.25	2.50	9.26	2.90	10.3	3.34
	46	5.23	1.60	6.24	1.94	7.25	2.31	7.75	2.52	8.25	2.72	9.26	3.17	10.3	3.65

Symbols:

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

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