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
130% 20.80 kW	10	13.6	2.18	16.2	2.67	18.8	3.17	20.2	3.43	20.4	3.36	20.9	3.21	21.4	3.07
	12	13.6	2.22	16.2	2.72	18.8	3.23	19.9	3.41	20.1	3.34	20.6	3.19	21.1	3.14
	14	13.6	2.26	16.2	2.77	18.8	3.29	19.6	3.39	19.9	3.32	20.4	3.29	20.9	3.32
	16	13.6	2.30	16.2	2.82	18.8	3.36	19.4	3.42	19.6	3.44	20.1	3.47	20.6	3.50
	18	13.6	2.35	16.2	2.88	18.8	3.57	19.1	3.60	19.3	3.61	19.8	3.65	20.3	3.68
	20	13.6	2.40	16.2	3.07	18.6	3.75	18.8	3.77	19.1	3.79	19.6	3.82	20.1	3.86
	21	13.6	2.46	16.2	3.18	18.5	3.84	18.7	3.86	19.0	3.88	19.4	3.91	19.9	3.95
	23	13.6	2.64	16.2	3.40	18.2	4.01	18.4	4.03	18.7	4.05	19.2	4.09	19.7	4.13
	25	13.6	2.82	16.2	3.65	17.9	4.19	18.2	4.21	18.4	4.23	18.9	4.27	19.4	4.31
	27	13.6	3.01	16.2	3.90	17.7	4.37	17.9	4.39	18.2	4.41	18.7	4.45	19.1	4.50
	29	13.6	3.21	16.2	4.17	17.4	4.54	17.7	4.57	17.9	4.59	18.4	4.64	18.9	4.68
	31	13.6	3.43	16.2	4.45	17.2	4.72	17.4	4.74	17.6	4.77	18.1	4.82	18.6	4.87
	33	13.6	3.65	16.2	4.75	16.9	4.90	17.1	4.92	17.4	4.95	17.9	5.00	18.4	5.05
	35	13.6	3.89	16.1	5.02	16.6	5.08	16.9	5.10	17.1	5.13	17.6	5.19	18.1	5.24
	37	13.6	4.15	15.9	5.20	16.4	5.26	16.6	5.29	16.9	5.31	17.3	5.37	17.8	5.43
	39	13.6	4.41	15.6	5.38	16.1	5.44	16.3	5.47	16.6	5.50	17.1	5.56	17.6	5.62
	43	13.6	5.00	15.1	5.74	15.6	5.80	15.8	5.84	16.1	5.87	16.6	5.94	17.1	6.00
	46	13.6	5.49	14.7	6.01	15.2	6.08	15.4	6.11	15.7	6.15	16.2	6.22	16.7	6.30
120% 19.20 kW	10	12.6	1.99	15.0	2.43	17.4	2.89	18.6	3.12	19.8	3.36	20.5	3.32	21.0	3.18
	12	12.6	2.03	15.0	2.48	17.4	2.94	18.6	3.18	19.8	3.42	20.3	3.30	20.7	3.16
	14	12.6	2.06	15.0	2.52	17.4	3.00	18.6	3.24	19.6	3.41	20.0	3.28	20.5	3.30
	16	12.6	2.10	15.0	2.57	17.4	3.06	18.6	3.31	19.3	3.42	19.8	3.45	20.2	3.47
	18	12.6	2.14	15.0	2.62	17.4	3.16	18.6	3.50	19.0	3.59	19.5	3.62	19.9	3.65
	20	12.6	2.19	15.0	2.73	17.4	3.40	18.6	3.75	18.8	3.77	19.2	3.80	19.7	3.83
	21	12.6	2.21	15.0	2.82	17.4	3.53	18.4	3.84	18.6	3.85	19.1	3.89	19.6	3.92
	23	12.6	2.36	15.0	3.03	17.4	3.78	18.2	4.01	18.4	4.03	18.8	4.07	19.3	4.10
	25	12.6	2.52	15.0	3.24	17.4	4.05	17.9	4.19	18.1	4.21	18.6	4.24	19.0	4.28
	27	12.6	2.69	15.0	3.46	17.4	4.34	17.6	4.36	17.9	4.38	18.3	4.42	18.8	4.46
	29	12.6	2.87	15.0	3.70	17.1	4.52	17.4	4.54	17.6	4.56	18.0	4.60	18.5	4.65
	31	12.6	3.06	15.0	3.95	16.9	4.69	17.1	4.72	17.3	4.74	17.8	4.78	18.2	4.83
	33	12.6	3.26	15.0	4.21	16.6	4.87	16.8	4.89	17.1	4.92	17.5	4.97	18.0	5.01
	35	12.6	3.47	15.0	4.49	16.4	5.05	16.6	5.07	16.8	5.10	17.3	5.15	17.7	5.20
	37	12.6	3.69	15.0	4.78	16.1	5.23	16.3	5.25	16.5	5.28	17.0	5.33	17.5	5.38
	39	12.6	3.93	15.0	5.10	15.8	5.40	16.1	5.43	16.3	5.46	16.7	5.52	17.2	5.57
	43	12.6	4.44	14.9	5.70	15.3	5.77	15.5	5.80	15.8	5.83	16.2	5.89	16.7	5.95
	46	12.6	4.87	14.5	5.97	14.9	6.04	15.1	6.07	15.4	6.11	15.8	6.17	16.3	6.24
110% 17.60 kW	10	11.5	1.81	13.7	2.20	15.9	2.61	17.1	2.82	18.2	3.04	20.2	3.42	20.6	3.30
	12	11.5	1.84	13.7	2.24	15.9	2.66	17.1	2.88	18.2	3.10	19.9	3.40	20.3	3.28
	14	11.5	1.87	13.7	2.28	15.9	2.71	17.1	2.93	18.2	3.16	19.7	3.38	20.1	3.27
	16	11.5	1.91	13.7	2.33	15.9	2.77	17.1	2.99	18.2	3.22	19.4	3.42	19.8	3.45
	18	11.5	1.94	13.7	2.37	15.9	2.82	17.1	3.07	18.2	3.38	19.1	3.60	19.6	3.63
	20	11.5	1.98	13.7	2.42	15.9	2.99	17.1	3.30	18.2	3.63	18.9	3.77	19.3	3.80
	21	11.5	2.00	13.7	2.49	15.9	3.10	17.1	3.42	18.2	3.76	18.8	3.86	19.2	3.89
	23	11.5	2.10	13.7	2.67	15.9	3.32	17.1	3.67	18.1	4.00	18.5	4.04	18.9	4.07
	25	11.5	2.24	13.7	2.86	15.9	3.55	17.1	3.93	17.8	4.18	18.2	4.21	18.6	4.25
	27	11.5	2.39	13.7	3.05	15.9	3.80	17.1	4.21	17.6	4.36	18.0	4.39	18.4	4.43
	29	11.5	2.54	13.7	3.26	15.9	4.06	17.1	4.50	17.3	4.53	17.7	4.57	18.1	4.61
	31	11.5	2.71	13.7	3.47	15.9	4.34	16.8	4.69	17.0	4.71	17.4	4.75	17.9	4.79
	33	11.5	2.88	13.7	3.70	15.9	4.63	16.6	4.86	16.8	4.89	17.2	4.93	17.6	4.97
	35	11.5	3.07	13.7	3.95	15.9	4.94	16.3	5.04	16.5	5.06	16.9	5.11	17.3	5.16
	37	11.5	3.26	13.7	4.20	15.8	5.19	16.0	5.22	16.2	5.24	16.7	5.29	17.1	5.34
	39	11.5	3.47	13.7	4.47	15.6	5.37	15.8	5.40	16.0	5.42	16.4	5.47	16.8	5.52
	43	11.5	3.92	13.7	5.07	15.0	5.73	15.2	5.76	15.5	5.78	15.9	5.84	16.3	5.90
	46	11.5	4.29	13.7	5.57	14.6	6.00	14.9	6.03	15.1	6.06	15.5	6.12	15.9	6.18
100% 16.00 kW	10	10.5	1.63	12.5	1.98	14.5	2.34	15.5	2.53	16.5	2.72	18.5	3.11	20.2	3.41
	12	10.5	1.66	12.5	2.01	14.5	2.39	15.5	2.58	16.5	2.77	18.5	3.17	20.0	3.39
	14	10.5	1.69	12.5	2.05	14.5	2.43	15.5	2.63	16.5	2.83	18.5	3.23	19.7	3.37
	16	10.5	1.72	12.5	2.09	14.5	2.48	15.5	2.68	16.5	2.88	18.5	3.29	19.4	3.43
	18	10.5	1.75	12.5	2.13	14.5	2.53	15.5	2.73	16.5	2.94	18.5	3.48	19.2	3.60
	20	10.5	1.78	12.5	2.17	14.5	2.60	15.5	2.87	16.5	3.15	18.5	3.74	18.9	3.78
	21	10.5	1.80	12.5	2.19	14.5	2.70	15.5	2.97	16.5	3.26	18.4	3.84	18.8	3.86
	23	10.5	1.85	12.5	2.34	14.5	2.89	15.5	3.18	16.5	3.50	18.1	4.01	18.5	4.04
	25	10.5	1.97	12.5	2.50	14.5	3.09	15.5	3.41	16.5	3.74	17.9	4.19	18.3	4.22
	27	10.5	2.10	12.5	2.67	14.5	3.30	15.5	3.64	16.5	4.01	17.6	4.36	18.0	4.39
	29	10.5	2.24	12.5	2.84	14.5	3.53	15.5	3.89	16.5	4.28	17.4	4.54	17.7	4.57
	31	10.5	2.38	12.5	3.03	14.5	3.76	15.5	4.16	16.5	4.57	17.1	4.71	17.5	4.75
	33	10.5	2.53	12.5	3.23	14.5	4.01	15.5	4.44	16.5	4.85	16.8	4.89	17.2	4.93
	35	10.5	2.69	12.5	3.44	14.5	4.28	15.5	4.73	16.2	5.03	16.6	5.07	16.9	5.11
	37	10.5	2.86	12.5	3.66	14.5	4.56	15.5	5.04	15.9	5.21	16.3	5.25	16.7	5.29
	39	10.5	3.04	12.5	3.89	14.5	4.85	15.5	5.36	15.7	5.38	16.0	5.43	16.4	5.48
	43	10.5	3.42	12.5	4.40	14.5	5.50	15.0	5.72	15.1	5.74	15.5	5.79	15.9	5.85
	46	10.5	3.75	12.5	4.83	14.4	5.96	14.6	5.99	14.8	6.01	15.1	6.07	15.5	6.13
90% 14.40 kW	10	9.41	1.46	11.2	1.76	13.0	2.08	14.0	2.24	14.9	2.41	16.7	2.75	18.5	3.10
	12	9.41	1.48	11.2	1.79	13.0	2.12	14.0	2.28	14.9	2.45	16.7	2.80	18.5	3.16
	14	9.41	1.51	11.2	1.82	13.0	2.16	14.0	2.33	14.9	2.50	16.7	2.86	18.5	3.22
	16	9.41	1.54	11.2	1.86	13.0	2.20	14.0	2.37	14.9	2.55	16.7	2.91	18.5	3.28
	18	9.41	1.56	11.2	1.89	13.0	2.24	14.0	2.42	14.9	2.60	16.7	2.97	18.5	3.47
	20	9.41	1.59	11.2	1.93	13.0	2.28	14.0	2.47	14.9	2.70	16.7	3.19	18.5	3.73
	21	9.41	1.61	11.2	1.95	13.0	2.32	14.0	2.55	14.9	2.79	16.7	3.31	18.4	3.84
	23	9.41	1.64	11.2	2.03	13.0	2.49	14.0	2.73	14.9	2.99	16.7	3.55	18.1	4.01
	25	9.41	1.72	11.2	2.17	13.0	2.66	14.0	2.92	14.9	3.20	16.7	3.80	17.9	4.18
	27	9.41	1.84	11.2	2.31	13.0	2.84	14.0	3.12	14.9	3.42	16.7	4.07	17.6	4.36
	29	9.41	1.95	11.2	2.46	13.0	3.03	14.0	3.33	14.9	3.66	16.7	4.35	17.3	4.54
	31	9.41	2.08	11.2	2.62	13.0	3.23	14.0	3.56	14.9	3.90	16.7	4.64	17.1	4.71
	33	9.41	2.21	11.2	2.79	13.0	3.44	14.0	3.79	14.9	4.16	16.5	4.86	16.8	4.89
	35	9.41	2.34	11.2	2.97	13.0	3.66	14.0	4.04	14.9	4.44	16.2	5.03	16.6	5.07
	37	9.41	2.49	11.2	3.15	13.0	3.90	14.0	4.30	14.9	4.73	16.0	5.21	16.3	5.25
	39	9.41	2.64	11.2	3.35	13.0	4.15	14.0	4.58	14.9	5.04	15.7	5.39	16.0	5.43
	43	9.41	2.97	11.2	3.78	13.0	4.70	14.0	5.19	14.8	5.70	15.2	5.75	15.5	5.79
	46	9.41	3.24	11.2	4.14	13.0	5.16	14.0	5.71	14.4	5.97	14.8	6.02	15.1	6.07

Symbols:

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

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