RMXS140EV - Heating capacity

Combination (%) (Capacity index)	Outdoor air temp.		Indoor air temp.: °CDB											
			16 °C		18 °C		20 °C		21 °C		22 °C		24 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	(°CDB)	(°CWB)	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% kW 18.20	−14.7	−15.0	12.7	4.68	12.7	4.89	12.6	5.10	12.6	5.21	12.6	5.31	12.6	5.52
	−12.6	−13.0	13.4	4.87	13.3	5.07	13.3	5.27	13.3	5.38	13.3	5.48	13.2	5.68
	−10.5	−11.0	14.0	5.05	14.0	5.24	14.0	5.43	13.9	5.53	13.9	5.62	13.9	5.81
	−9.5	−10.0	14.4	5.13	14.3	5.32	14.3	5.51	14.3	5.60	14.3	5.69	14.2	5.88
	−8.5	−9.1	14.7	5.20	14.6	5.39	14.6	5.57	14.6	5.66	14.5	5.75	14.5	5.93
	−7.0	−7.6	15.2	5.32	15.1	5.49	15.1	5.67	15.1	5.76	15.0	5.85	15.0	6.02
	−5.0	−5.6	15.8	5.46	15.8	5.62	15.7	5.79	15.7	5.88	15.7	5.96	15.7	6.13
	−3.0	−3.7	16.4	5.58	16.4	5.74	16.4	5.90	16.3	5.98	16.3	6.06	16.3	6.23
	0.0	−0.7	17.4	5.75	17.4	5.90	17.3	6.06	17.3	6.13	17.3	6.21	17.3	6.36
	3.0	2.2	18.4	5.90	18.3	6.05	18.3	6.19	18.3	6.26	18.3	6.34	18.1	6.42
	5.0	4.1	19.0	5.99	19.0	6.13	18.9	6.27	18.9	6.34	18.9	6.41	18.1	6.16
	7.0	6.0	19.6	6.08	19.6	6.21	19.6	6.35	19.5	6.42	19.5	6.46	18.1	5.91
	9.0	7.9	20.3	6.16	20.2	6.29	20.2	6.42	20.1	6.47	19.5	6.21	18.1	5.68
	11.0	9.8	20.9	6.24	20.8	6.36	20.8	6.49	20.1	6.23	19.5	5.97	18.1	5.47
	13.0	11.8	21.5	6.31	21.5	6.43	20.8	6.24	20.1	5.99	19.5	5.75	18.1	5.27
	15.0	13.7	22.2	6.38	22.1	6.50	20.8	6.02	20.1	5.78	19.5	5.55	18.1	5.09
120% 16.80 kW	−14.7	−15.0	12.7	4.96	12.6	5.16	12.6	5.35	12.6	5.45	12.6	5.55	12.5	5.74
	−12.6	−13.0	13.3	5.14	13.3	5.33	13.3	5.51	13.2	5.61	13.2	5.70	13.2	5.89
	−10.5	−11.0	14.0	5.31	13.9	5.48	13.9	5.66	13.9	5.75	13.9	5.84	13.8	6.01
	−9.5	−10.0	14.3	5.39	14.3	5.56	14.2	5.73	14.2	5.82	14.2	5.90	14.2	6.07
	−8.5	−9.1	14.6	5.45	14.6	5.62	14.5	5.79	14.5	5.87	14.5	5.96	14.5	6.12
	−7.0	−7.6	15.1	5.55	15.1	5.72	15.0	5.88	15.0	5.96	15.0	6.04	15.0	6.21
	−5.0	−5.6	15.8	5.68	15.7	5.84	15.7	6.00	15.7	6.07	15.7	6.15	15.6	6.31
	−3.0	−3.7	16.4	5.80	16.4	5.95	16.3	6.10	16.3	6.17	16.3	6.25	16.3	6.40
	0.0	−0.7	17.4	5.96	17.3	6.10	17.3	6.24	17.3	6.31	17.3	6.38	16.7	6.22
	3.0	2.2	18.3	6.10	18.3	6.23	18.3	6.37	18.2	6.43	18.0	6.35	16.7	5.82
	5.0	4.1	19.0	6.18	18.9	6.31	18.9	6.44	18.6	6.35	18.0	6.09	16.7	5.58
	7.0	6.0	19.6	6.26	19.5	6.39	19.2	6.35	18.6	6.09	18.0	5.85	16.7	5.36
	9.0	7.9	20.2	6.34	20.2	6.46	19.2	6.10	18.6	5.86	18.0	5.62	16.7	5.16
	11.0	9.8	20.8	6.41	20.4	6.34	19.2	5.87	18.6	5.64	18.0	5.42	16.7	4.97
	13.0	11.8	21.5	6.48	20.4	6.10	19.2	5.65	18.6	5.43	18.0	5.22	16.7	4.79
	15.0	13.7	21.7	6.33	20.4	5.89	19.2	5.46	18.6	5.25	18.0	5.04	16.7	4.63
110% 15.40 kW	−14.7	−15.0	12.6	5.25	12.6	5.43	12.6	5.61	12.5	5.70	12.5	5.79	12.5	5.96
	−12.6	−13.0	13.3	5.42	13.2	5.59	13.2	5.76	13.2	5.84	13.2	5.92	13.2	6.09
	−10.5	−11.0	13.9	5.57	13.9	5.73	13.9	5.89	13.9	5.97	13.8	6.05	13.8	6.21
	−9.5	−10.0	14.3	5.64	14.2	5.79	14.2	5.95	14.2	6.03	14.2	6.11	14.1	6.27
	−8.5	−9.1	14.6	5.70	14.5	5.85	14.5	6.01	14.5	6.08	14.5	6.16	14.4	6.32
	−7.0	−7.6	15.1	5.79	15.0	5.94	15.0	6.09	15.0	6.17	15.0	6.24	14.9	6.39
	−5.0	−5.6	15.7	5.91	15.7	6.05	15.6	6.20	15.6	6.27	15.6	6.34	15.3	6.32
	−3.0	−3.7	16.3	6.02	16.3	6.15	16.3	6.29	16.3	6.36	16.2	6.43	15.3	6.01
	0.0	−0.7	17.3	6.16	17.3	6.29	17.3	6.42	17.0	6.36	16.5	6.10	15.3	5.59
	3.0	2.2	18.3	6.29	18.2	6.42	17.6	6.19	17.0	5.95	16.5	5.70	15.3	5.23
	5.0	4.1	18.9	6.37	18.7	6.41	17.6	5.94	17.0	5.70	16.5	5.47	15.3	5.02
	7.0	6.0	19.5	6.45	18.7	6.15	17.6	5.70	17.0	5.48	16.5	5.26	15.3	4.83
	9.0	7.9	19.9	6.36	18.7	5.92	17.6	5.48	17.0	5.27	16.5	5.06	15.3	4.65
	11.0	9.8	19.9	6.12	18.7	5.70	17.6	5.28	17.0	5.08	16.5	4.88	15.3	4.49
	13.0	11.8	19.9	5.89	18.7	5.48	17.6	5.09	17.0	4.89	16.5	4.70	15.3	4.33
	15.0	13.7	19.9	5.69	18.7	5.30	17.6	4.92	17.0	4.73	16.5	4.55	15.3	4.19
100% 14.00 kW	−14.7	−15.0	12.6	5.53	12.5	5.70	12.5	5.86	12.5	5.94	12.5	6.02	12.5	6.18
	−12.6	−13.0	13.2	5.69	13.2	5.84	13.2	6.00	13.2	6.07	13.1	6.15	13.1	6.30
	−10.5	−11.0	13.9	5.82	13.9	5.97	13.8	6.12	13.8	6.19	13.8	6.26	13.8	6.41
	−9.5	−10.0	14.2	5.89	14.2	6.03	14.2	6.18	14.1	6.25	14.1	6.32	13.9	6.35
	−8.5	−9.1	14.5	5.94	14.5	6.08	14.5	6.22	14.4	6.29	14.4	6.37	13.9	6.18
	−7.0	−7.6	15.0	6.03	15.0	6.17	14.9	6.30	14.9	6.37	14.9	6.44	13.9	5.93
	−5.0	−5.6	15.7	6.14	15.6	6.27	15.6	6.40	15.5	6.39	15.0	6.13	13.9	5.62
	−3.0	−3.7	16.3	6.23	16.3	6.36	16.0	6.34	15.5	6.09	15.0	5.84	13.9	5.35
	0.0	−0.7	17.3	6.37	17.0	6.36	16.0	5.89	15.5	5.65	15.0	5.43	13.9	4.98
	3.0	2.2	18.1	6.39	17.0	5.94	16.0	5.51	15.5	5.29	15.0	5.08	13.9	4.67
	5.0	4.1	18.1	6.13	17.0	5.70	16.0	5.28	15.5	5.08	15.0	4.88	13.9	4.49
	7.0	6.0	18.1	5.88	17.0	5.48	16.0	5.08	15.5	4.89	15.0	4.70	13.9	4.32
	9.0	7.9	18.1	5.66	17.0	5.27	16.0	4.89	15.5	4.71	15.0	4.52	13.9	4.17
	11.0	9.8	18.1	5.45	17.0	5.08	16.0	4.72	15.5	4.54	15.0	4.37	13.9	4.02
	13.0	11.8	18.1	5.25	17.0	4.89	16.0	4.55	15.5	4.38	15.0	4.21	13.9	3.88
	15.0	13.7	18.1	5.07	17.0	4.73	16.0	4.40	15.5	4.23	15.0	4.07	13.9	3.76
90% 12.60 kW	−14.7	−15.0	12.5	5.82	12.5	5.97	12.5	6.11	12.5	6.19	12.4	6.26	12.4	6.41
	−12.6	−13.0	13.2	5.96	13.2	6.10	13.1	6.24	13.1	6.30	13.1	6.37	12.5	6.10
	−10.5	−11.0	13.8	6.08	13.8	6.21	13.8	6.35	13.8	6.41	13.5	6.27	12.5	5.74
	−9.5	−10.0	14.2	6.14	14.1	6.27	14.1	6.40	13.9	6.34	13.5	6.08	12.5	5.57
	−8.5	−9.1	14.5	6.19	14.4	6.32	14.4	6.44	13.9	6.18	13.5	5.93	12.5	5.43
	−7.0	−7.6	15.0	6.27	14.9	6.39	14.4	6.17	13.9	5.92	13.5	5.68	12.5	5.21
	−5.0	−5.6	15.6	6.37	15.3	6.31	14.4	5.84	13.9	5.61	13.5	5.39	12.5	4.95
	−3.0	−3.7	16.2	6.45	15.3	6.01	14.4	5.56	13.9	5.35	13.5	5.14	12.5	4.72
	0.0	−0.7	16.3	6.00	15.3	5.58	14.4	5.18	13.9	4.98	13.5	4.78	12.5	4.40
	3.0	2.2	16.3	5.61	15.3	5.23	14.4	4.85	13.9	4.67	13.5	4.49	12.5	4.13
	5.0	4.1	16.3	5.38	15.3	5.02	14.4	4.66	13.9	4.49	13.5	4.31	12.5	3.98
	7.0	6.0	16.3	5.18	15.3	4.83	14.4	4.49	13.9	4.32	13.5	4.16	12.5	3.83
	9.0	7.9	16.3	4.98	15.3	4.65	14.4	4.32	13.9	4.16	13.5	4.01	12.5	3.70
	11.0	9.8	16.3	4.80	15.3	4.48	14.4	4.17	13.9	4.02	13.5	3.87	12.5	3.58
	13.0	11.8	16.3	4.63	15.3	4.32	14.4	4.03	13.9	3.88	13.5	3.74	12.5	3.45
	15.0	13.7	16.3	4.48	15.3	4.18	14.4	3.90	13.9	3.76	13.5	3.62	12.5	3.35

Symbols:

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

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