

8 Capacity Tables

8.1 Cooling Capacity Tables

Table2-8.1: MV8M-80WV2N8 cooling capacity

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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%	-15	6.5	0.79	7.2	0.87	8.6	1.02	9.4	1.10	10.1	1.17	11.5	1.37	13.0	1.59
	-12	6.5	0.82	7.2	0.88	8.6	1.02	9.4	1.10	10.1	1.18	11.5	1.38	13.0	1.63
	-10	6.5	0.82	7.2	0.89	8.6	1.03	9.4	1.11	10.1	1.18	11.5	1.38	13.0	1.64
	-8	6.5	0.83	7.2	0.89	8.6	1.04	9.4	1.12	10.1	1.18	11.5	1.38	13.0	1.66
	-5	6.5	0.85	7.2	0.91	8.6	1.04	9.4	1.12	10.1	1.19	11.5	1.42	13.0	1.67
	-2	6.5	0.87	7.2	0.94	8.6	1.05	9.4	1.12	10.1	1.21	11.5	1.42	13.0	1.68
	0	6.5	0.90	7.2	0.94	8.6	1.08	9.4	1.14	10.1	1.21	11.5	1.43	13.0	1.69
	2	6.5	0.90	7.2	0.95	8.6	1.09	9.4	1.16	10.1	1.23	11.5	1.44	13.0	1.72
	4	6.5	0.90	7.2	0.99	8.6	1.13	9.4	1.21	10.1	1.24	11.5	1.45	13.0	1.72
	6	6.5	0.94	7.2	1.01	8.6	1.13	9.4	1.22	10.1	1.29	11.5	1.48	13.0	1.74
	8	6.5	0.94	7.2	1.05	8.6	1.16	9.4	1.23	10.1	1.31	11.5	1.50	13.0	1.78
	10	6.5	1.02	7.2	1.06	8.6	1.19	9.4	1.27	10.1	1.34	11.5	1.52	13.0	1.87
	12	6.5	1.03	7.2	1.10	8.6	1.22	9.4	1.31	10.1	1.37	11.5	1.53	13.0	2.01
	14	6.5	1.07	7.2	1.14	8.6	1.30	9.4	1.31	10.1	1.42	11.5	1.66	13.0	2.20
	16	6.5	1.09	7.2	1.16	8.6	1.31	9.4	1.39	10.1	1.46	11.5	1.83	13.0	2.40
	18	6.5	1.12	7.2	1.20	8.6	1.35	9.4	1.44	10.1	1.60	11.5	2.01	13.0	2.59
	20	6.5	1.16	7.2	1.20	8.6	1.42	9.4	1.58	10.1	1.76	11.5	2.19	12.5	2.67
	21	6.5	1.18	7.2	1.27	8.6	1.48	9.4	1.65	10.1	1.84	11.5	2.27	12.5	2.73
	23	6.5	1.23	7.2	1.30	8.6	1.62	9.4	1.79	10.1	2.00	11.5	2.47	12.3	2.85
	25	6.5	1.26	7.2	1.41	8.6	1.75	9.4	1.94	10.1	2.17	11.5	2.66	12.2	2.98
	27	6.5	1.37	7.2	1.53	8.6	1.89	9.4	2.10	10.1	2.35	11.5	2.88	12.0	3.11
	29	6.5	1.47	7.2	1.65	8.6	2.04	9.4	2.27	10.1	2.54	11.5	3.11	11.8	3.24
	31	6.5	1.58	7.2	1.78	8.6	2.20	9.4	2.46	10.1	2.74	11.5	3.36	11.7	3.38
	33	6.5	1.71	7.2	1.91	8.6	2.37	9.4	2.64	10.1	2.95	11.2	3.49	11.5	3.52
	35	6.5	1.83	7.2	2.05	8.6	2.55	9.4	2.85	10.1	3.17	11.1	3.64	11.3	3.67
	37	6.5	1.97	7.2	2.20	8.6	2.74	9.4	3.06	10.1	3.42	10.9	3.79	11.1	3.83
39	6.5	2.11	7.2	2.36	8.6	2.95	9.4	3.30	10.1	3.69	10.7	3.95	11.0	3.99	
41	6.5	2.26	7.2	2.53	8.6	3.17	9.4	3.55	10.1	3.98	10.5	4.10	10.8	4.13	
43	6.5	2.42	7.2	2.72	8.6	3.41	9.4	3.83	9.8	4.11	10.2	4.11	10.4	4.12	
45	6.5	2.60	7.2	2.92	8.6	3.68	9.4	4.15	9.4	4.11	9.6	3.95	9.7	3.83	
48	6.5	2.89	7.2	3.25	7.7	3.42	7.8	3.32	7.9	3.27	8.1	3.12	8.1	2.96	
50	6.2	2.93	6.5	3.01	6.6	2.87	6.7	2.83	6.8	2.78	6.9	2.63	6.9	2.52	
52	5.3	2.55	5.3	2.48	5.6	2.45	5.4	2.28	5.5	2.23	5.6	2.12	5.8	2.13	
120%	-15	6.0	0.73	6.6	0.80	8.0	0.94	8.6	1.01	9.3	1.08	10.6	1.24	12.0	1.42
	-12	6.0	0.75	6.6	0.82	8.0	0.94	8.6	1.01	9.3	1.08	10.6	1.24	12.0	1.46
	-10	6.0	0.76	6.6	0.82	8.0	0.94	8.6	1.01	9.3	1.08	10.6	1.24	12.0	1.49
	-8	6.0	0.78	6.6	0.83	8.0	0.95	8.6	1.01	9.3	1.09	10.6	1.25	12.0	1.49
	-5	6.0	0.79	6.6	0.85	8.0	0.96	8.6	1.02	9.3	1.09	10.6	1.25	12.0	1.49
	-2	6.0	0.81	6.6	0.86	8.0	0.98	8.6	1.03	9.3	1.09	10.6	1.26	12.0	1.50
	0	6.0	0.81	6.6	0.87	8.0	1.00	8.6	1.05	9.3	1.11	10.6	1.28	12.0	1.52
	2	6.0	0.83	6.6	0.91	8.0	1.01	8.6	1.09	9.3	1.11	10.6	1.29	12.0	1.52
	4	6.0	0.85	6.6	0.91	8.0	1.02	8.6	1.10	9.3	1.18	10.6	1.31	12.0	1.52
	6	6.0	0.89	6.6	0.94	8.0	1.06	8.6	1.10	9.3	1.19	10.6	1.32	12.0	1.55
	8	6.0	0.91	6.6	0.95	8.0	1.07	8.6	1.16	9.3	1.19	10.6	1.33	12.0	1.60
	10	6.0	0.94	6.6	0.99	8.0	1.12	8.6	1.17	9.3	1.24	10.6	1.37	12.0	1.62
	12	6.0	0.96	6.6	1.02	8.0	1.15	8.6	1.25	9.3	1.27	10.6	1.41	12.0	1.72
	14	6.0	0.99	6.6	1.07	8.0	1.17	8.6	1.27	9.3	1.31	10.6	1.45	12.0	1.85
	16	6.0	1.03	6.6	1.07	8.0	1.26	8.6	1.29	9.3	1.40	10.6	1.54	12.0	2.03
	18	6.0	1.05	6.6	1.13	8.0	1.26	8.6	1.35	9.3	1.40	10.6	1.70	12.0	2.22
	20	6.0	1.07	6.6	1.17	8.0	1.32	8.6	1.39	9.3	1.53	10.6	1.87	12.0	2.41
	21	6.0	1.12	6.6	1.17	8.0	1.34	8.6	1.45	9.3	1.60	10.6	1.95	12.0	2.50
	23	6.0	1.14	6.6	1.23	8.0	1.43	8.6	1.59	9.3	1.74	10.6	2.12	12.0	2.71
	25	6.0	1.19	6.6	1.27	8.0	1.56	8.6	1.72	9.3	1.89	10.6	2.30	12.0	2.93
	27	6.0	1.23	6.6	1.37	8.0	1.68	8.6	1.86	9.3	2.04	10.6	2.49	11.7	3.07
	29	6.0	1.33	6.6	1.48	8.0	1.82	8.6	2.00	9.3	2.21	10.6	2.69	11.5	3.20
	31	6.0	1.43	6.6	1.60	8.0	1.96	8.6	2.16	9.3	2.39	10.6	2.90	11.4	3.34
	33	6.0	1.54	6.6	1.72	8.0	2.11	8.6	2.32	9.3	2.58	10.6	3.13	11.2	3.48
	35	6.0	1.65	6.6	1.85	8.0	2.27	8.6	2.50	9.3	2.78	10.6	3.38	11.1	3.63
	37	6.0	1.78	6.6	1.98	8.0	2.43	8.6	2.70	9.3	2.99	10.6	3.65	10.9	3.78
39	6.0	1.91	6.6	2.13	8.0	2.61	8.6	2.91	9.3	3.22	10.6	3.94	10.7	3.94	
41	6.0	2.05	6.6	2.29	8.0	2.81	8.6	3.13	9.3	3.47	10.3	4.07	10.6	4.11	
43	6.0	2.20	6.6	2.45	8.0	3.03	8.6	3.37	9.3	3.75	10.0	4.10	10.2	4.11	
45	6.0	2.36	6.6	2.63	8.0	3.26	8.6	3.63	9.3	4.05	9.6	4.06	9.7	3.94	
48	6.0	2.62	6.6	2.93	7.7	3.46	7.8	3.38	7.9	3.32	7.9	3.09	8.2	3.12	
50	6.0	2.82	6.3	2.97	6.6	2.90	6.7	2.86	6.7	2.76	6.9	2.67	6.9	2.56	
52	5.1	2.50	5.3	2.52	5.5	2.43	5.5	2.32	5.5	2.27	5.8	2.23	5.7	2.11	

Abbreviations: CR: Combination ratio; TC: Total capacity (kW); PI: Power input (compressor + outdoor fan motor) (kW)
Notes: Shaded cells indicate rating condition

Table continued on next page

Table2-8.3: MV8M-80WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
110%	-15	5.5	0.68	6.1	0.73	7.3	0.85	7.9	0.92	8.5	0.98	9.7	1.11	11.0	1.27
	-12	5.5	0.68	6.1	0.75	7.3	0.85	7.9	0.92	8.5	0.98	9.7	1.11	11.0	1.27
	-10	5.5	0.71	6.1	0.75	7.3	0.86	7.9	0.92	8.5	0.98	9.7	1.12	11.0	1.28
	-8	5.5	0.73	6.1	0.77	7.3	0.87	7.9	0.92	8.5	0.99	9.7	1.12	11.0	1.28
	-5	5.5	0.73	6.1	0.78	7.3	0.88	7.9	0.94	8.5	0.99	9.7	1.12	11.0	1.28
	-2	5.5	0.74	6.1	0.78	7.3	0.90	7.9	0.95	8.5	1.00	9.7	1.14	11.0	1.30
	0	5.5	0.76	6.1	0.81	7.3	0.91	7.9	0.98	8.5	1.02	9.7	1.16	11.0	1.31
	2	5.5	0.77	6.1	0.84	7.3	0.92	7.9	0.98	8.5	1.04	9.7	1.17	11.0	1.33
	4	5.5	0.80	6.1	0.84	7.3	0.94	7.9	0.99	8.5	1.06	9.7	1.18	11.0	1.34
	6	5.5	0.82	6.1	0.89	7.3	0.96	7.9	1.04	8.5	1.07	9.7	1.21	11.0	1.35
	8	5.5	0.84	6.1	0.90	7.3	1.01	7.9	1.05	8.5	1.13	9.7	1.24	11.0	1.38
	10	5.5	0.86	6.1	0.93	7.3	1.04	7.9	1.11	8.5	1.15	9.7	1.26	11.0	1.43
	12	5.5	0.88	6.1	0.95	7.3	1.07	7.9	1.12	8.5	1.22	9.7	1.31	11.0	1.46
	14	5.5	0.92	6.1	0.98	7.3	1.11	7.9	1.17	8.5	1.23	9.7	1.31	11.0	1.53
	16	5.5	0.93	6.1	1.03	7.3	1.13	7.9	1.22	8.5	1.26	9.7	1.42	11.0	1.69
	18	5.5	0.98	6.1	1.04	7.3	1.16	7.9	1.22	8.5	1.32	9.7	1.45	11.0	1.86
	20	5.5	1.02	6.1	1.06	7.3	1.21	7.9	1.27	8.5	1.34	9.7	1.59	11.0	2.03
	21	5.5	1.03	6.1	1.11	7.3	1.26	7.9	1.28	8.5	1.40	9.7	1.66	11.0	2.12
	23	5.5	1.07	6.1	1.13	7.3	1.27	7.9	1.39	8.5	1.52	9.7	1.80	11.0	2.30
	25	5.5	1.11	6.1	1.17	7.3	1.38	7.9	1.51	8.5	1.65	9.7	1.97	11.0	2.49
	27	5.5	1.13	6.1	1.22	7.3	1.49	7.9	1.64	8.5	1.79	9.7	2.13	11.0	2.68
	29	5.5	1.19	6.1	1.33	7.3	1.61	7.9	1.77	8.5	1.94	9.7	2.31	11.0	2.89
	31	5.5	1.29	6.1	1.43	7.3	1.74	7.9	1.91	8.5	2.09	9.7	2.50	11.0	3.12
	33	5.5	1.38	6.1	1.54	7.3	1.87	7.9	2.06	8.5	2.25	9.7	2.69	11.0	3.37
	35	5.5	1.49	6.1	1.65	7.3	2.01	7.9	2.21	8.5	2.42	9.7	2.90	11.0	3.64
37	5.5	1.60	6.1	1.78	7.3	2.17	7.9	2.38	8.5	2.61	9.7	3.13	10.6	3.73	
39	5.5	1.72	6.1	1.91	7.3	2.33	7.9	2.55	8.5	2.81	9.7	3.38	10.5	3.89	
41	5.5	1.84	6.1	2.05	7.3	2.50	7.9	2.74	8.5	3.03	9.7	3.64	10.3	4.06	
43	5.5	1.98	6.1	2.20	7.3	2.69	7.9	2.95	8.5	3.26	9.7	3.95	10.0	4.07	
45	5.5	2.13	6.1	2.37	7.3	2.88	7.9	3.18	8.5	3.52	9.5	4.09	9.6	4.04	
48	5.5	2.37	6.1	2.63	7.3	3.22	7.7	3.46	7.8	3.36	7.9	3.18	8.0	3.08	
50	5.5	2.54	6.1	2.83	6.5	2.94	6.6	2.86	6.7	2.80	6.9	2.71	7.0	2.66	
52	5.0	2.42	5.3	2.52	5.4	2.41	5.5	2.36	5.5	2.32	5.5	2.15	5.6	2.10	
100%	-15	5.0	0.61	5.5	0.67	6.6	0.77	7.2	0.83	7.8	0.89	8.9	1.01	10.0	1.13
	-12	5.0	0.63	5.5	0.68	6.6	0.77	7.2	0.83	7.8	0.89	8.9	1.01	10.0	1.13
	-10	5.0	0.65	5.5	0.68	6.6	0.77	7.2	0.83	7.8	0.90	8.9	1.01	10.0	1.13
	-8	5.0	0.65	5.5	0.69	6.6	0.80	7.2	0.83	7.8	0.91	8.9	1.01	10.0	1.13
	-5	5.0	0.66	5.5	0.72	6.6	0.80	7.2	0.86	7.8	0.93	8.9	1.01	10.0	1.18
	-2	5.0	0.66	5.5	0.73	6.6	0.80	7.2	0.87	7.8	0.93	8.9	1.02	10.0	1.18
	0	5.0	0.70	5.5	0.74	6.6	0.84	7.2	0.87	7.8	0.93	8.9	1.03	10.0	1.21
	2	5.0	0.70	5.5	0.76	6.6	0.85	7.2	0.92	7.8	0.96	8.9	1.07	10.0	1.22
	4	5.0	0.72	5.5	0.79	6.6	0.89	7.2	0.92	7.8	0.97	8.9	1.08	10.0	1.23
	6	5.0	0.76	5.5	0.82	6.6	0.89	7.2	0.94	7.8	0.99	8.9	1.08	10.0	1.24
	8	5.0	0.77	5.5	0.83	6.6	0.95	7.2	0.97	7.8	1.02	8.9	1.13	10.0	1.24
	10	5.0	0.82	5.5	0.84	6.6	0.96	7.2	1.02	7.8	1.05	8.9	1.16	10.0	1.29
	12	5.0	0.83	5.5	0.88	6.6	0.99	7.2	1.05	7.8	1.12	8.9	1.21	10.0	1.29
	14	5.0	0.83	5.5	0.92	6.6	1.01	7.2	1.06	7.8	1.15	8.9	1.24	10.0	1.37
	16	5.0	0.88	5.5	0.92	6.6	1.05	7.2	1.10	7.8	1.17	8.9	1.28	10.0	1.39
	18	5.0	0.91	5.5	0.96	6.6	1.07	7.2	1.11	7.8	1.20	8.9	1.35	10.0	1.53
	20	5.0	0.93	5.5	1.00	6.6	1.11	7.2	1.17	7.8	1.21	8.9	1.36	10.0	1.69
	21	5.0	0.97	5.5	1.01	6.6	1.13	7.2	1.21	7.8	1.25	8.9	1.42	10.0	1.76
	23	5.0	0.98	5.5	1.05	6.6	1.19	7.2	1.23	7.8	1.32	8.9	1.56	10.0	1.93
	25	5.0	1.02	5.5	1.09	6.6	1.21	7.2	1.32	7.8	1.44	8.9	1.69	10.0	2.09
	27	5.0	1.06	5.5	1.11	6.6	1.31	7.2	1.43	7.8	1.56	8.9	1.83	10.0	2.27
	29	5.0	1.07	5.5	1.18	6.6	1.42	7.2	1.55	7.8	1.69	8.9	1.98	10.0	2.45
	31	5.0	1.15	5.5	1.27	6.6	1.53	7.2	1.68	7.8	1.82	8.9	2.14	10.0	2.65
	33	5.0	1.24	5.5	1.37	6.6	1.65	7.2	1.81	7.8	1.97	8.9	2.30	10.0	2.85
	35	5.0	1.33	5.5	1.47	6.6	1.78	7.2	1.95	7.8	2.12	8.9	2.48	10.0	3.08
37	5.0	1.43	5.5	1.58	6.6	1.91	7.2	2.09	7.8	2.28	8.9	2.68	10.0	3.31	
39	5.0	1.54	5.5	1.70	6.6	2.06	7.2	2.25	7.8	2.45	8.9	2.90	10.0	3.58	
41	5.0	1.65	5.5	1.83	6.6	2.21	7.2	2.42	7.8	2.63	8.9	3.12	10.0	3.87	
43	5.0	1.77	5.5	1.97	6.6	2.38	7.2	2.60	7.8	2.83	8.9	3.36	9.7	4.06	
45	5.0	1.90	5.5	2.11	6.6	2.55	7.2	2.79	7.8	3.05	8.9	3.62	9.4	4.07	
48	5.0	2.12	5.5	2.35	6.6	2.84	7.2	3.11	7.8	3.41	7.9	3.26	8.0	3.17	
50	5.0	2.29	5.5	2.53	6.5	2.99	6.6	2.92	6.6	2.85	6.8	2.74	6.9	2.70	
52	4.8	2.34	5.1	2.46	5.4	2.45	5.4	2.40	5.5	2.36	5.5	2.20	5.6	2.14	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.5: MV8M-80WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
90%	-15	4.5	0.55	5.0	0.60	6.0	0.69	6.5	0.74	7.0	0.79	8.0	0.90	9.0	1.01
	-12	4.5	0.59	5.0	0.61	6.0	0.69	6.5	0.75	7.0	0.80	8.0	0.90	9.0	1.03
	-10	4.5	0.59	5.0	0.62	6.0	0.70	6.5	0.76	7.0	0.81	8.0	0.90	9.0	1.04
	-8	4.5	0.59	5.0	0.63	6.0	0.73	6.5	0.77	7.0	0.81	8.0	0.90	9.0	1.06
	-5	4.5	0.60	5.0	0.64	6.0	0.73	6.5	0.78	7.0	0.82	8.0	0.91	9.0	1.06
	-2	4.5	0.62	5.0	0.64	6.0	0.73	6.5	0.79	7.0	0.83	8.0	0.92	9.0	1.06
	0	4.5	0.63	5.0	0.68	6.0	0.76	6.5	0.79	7.0	0.85	8.0	0.94	9.0	1.06
	2	4.5	0.65	5.0	0.68	6.0	0.77	6.5	0.83	7.0	0.85	8.0	0.95	9.0	1.07
	4	4.5	0.68	5.0	0.73	6.0	0.80	6.5	0.83	7.0	0.89	8.0	0.98	9.0	1.07
	6	4.5	0.71	5.0	0.74	6.0	0.83	6.5	0.88	7.0	0.90	8.0	0.98	9.0	1.13
	8	4.5	0.73	5.0	0.75	6.0	0.85	6.5	0.91	7.0	0.93	8.0	1.02	9.0	1.13
	10	4.5	0.75	5.0	0.80	6.0	0.88	6.5	0.92	7.0	0.99	8.0	1.05	9.0	1.17
	12	4.5	0.75	5.0	0.80	6.0	0.90	6.5	0.96	7.0	0.99	8.0	1.13	9.0	1.18
	14	4.5	0.78	5.0	0.83	6.0	0.94	6.5	0.96	7.0	1.04	8.0	1.15	9.0	1.23
	16	4.5	0.81	5.0	0.86	6.0	0.96	6.5	1.01	7.0	1.04	8.0	1.18	9.0	1.29
	18	4.5	0.84	5.0	0.88	6.0	0.98	6.5	1.05	7.0	1.09	8.0	1.20	9.0	1.30
	20	4.5	0.87	5.0	0.91	6.0	1.01	6.5	1.06	7.0	1.13	8.0	1.21	9.0	1.42
	21	4.5	0.88	5.0	0.95	6.0	1.05	6.5	1.10	7.0	1.14	8.0	1.25	9.0	1.48
	23	4.5	0.92	5.0	0.96	6.0	1.06	6.5	1.15	7.0	1.18	8.0	1.32	9.0	1.61
	25	4.5	0.94	5.0	0.99	6.0	1.11	6.5	1.15	7.0	1.24	8.0	1.44	9.0	1.75
	27	4.5	0.95	5.0	1.04	6.0	1.14	6.5	1.24	7.0	1.35	8.0	1.57	9.0	1.90
	29	4.5	0.99	5.0	1.04	6.0	1.24	6.5	1.35	7.0	1.46	8.0	1.70	9.0	2.06
	31	4.5	1.02	5.0	1.12	6.0	1.34	6.5	1.46	7.0	1.58	8.0	1.84	9.0	2.22
	33	4.5	1.10	5.0	1.21	6.0	1.45	6.5	1.57	7.0	1.71	8.0	1.98	9.0	2.40
	35	4.5	1.18	5.0	1.30	6.0	1.56	6.5	1.70	7.0	1.84	8.0	2.14	9.0	2.59
37	4.5	1.27	5.0	1.40	6.0	1.67	6.5	1.83	7.0	1.98	8.0	2.30	9.0	2.79	
39	4.5	1.37	5.0	1.51	6.0	1.80	6.5	1.97	7.0	2.13	8.0	2.47	9.0	3.01	
41	4.5	1.47	5.0	1.62	6.0	1.94	6.5	2.11	7.0	2.29	8.0	2.66	9.0	3.24	
43	4.5	1.58	5.0	1.74	6.0	2.08	6.5	2.27	7.0	2.46	8.0	2.86	9.0	3.49	
45	4.5	1.69	5.0	1.87	6.0	2.24	6.5	2.44	7.0	2.65	8.0	3.09	9.0	3.78	
48	4.5	1.89	5.0	2.09	6.0	2.50	6.5	2.72	7.0	2.96	7.8	3.36	7.9	3.28	
50	4.5	2.03	5.0	2.24	6.0	2.69	6.5	2.93	6.6	2.91	6.7	2.77	6.8	2.73	
52	4.5	2.19	4.9	2.36	5.3	2.47	5.4	2.41	5.5	2.39	5.5	2.24	5.6	2.18	
80%	-15	4.0	0.52	4.4	0.55	5.3	0.61	5.8	0.65	6.2	0.70	7.1	0.79	8.0	0.89
	-12	4.0	0.53	4.4	0.56	5.3	0.61	5.8	0.66	6.2	0.70	7.1	0.79	8.0	0.89
	-10	4.0	0.53	4.4	0.56	5.3	0.62	5.8	0.66	6.2	0.71	7.1	0.80	8.0	0.89
	-8	4.0	0.54	4.4	0.56	5.3	0.62	5.8	0.67	6.2	0.72	7.1	0.80	8.0	0.89
	-5	4.0	0.55	4.4	0.57	5.3	0.65	5.8	0.68	6.2	0.73	7.1	0.81	8.0	0.90
	-2	4.0	0.58	4.4	0.63	5.3	0.65	5.8	0.71	6.2	0.74	7.1	0.82	8.0	0.91
	0	4.0	0.59	4.4	0.63	5.3	0.68	5.8	0.71	6.2	0.77	7.1	0.84	8.0	0.94
	2	4.0	0.64	4.4	0.66	5.3	0.70	5.8	0.74	6.2	0.77	7.1	0.85	8.0	0.94
	4	4.0	0.64	4.4	0.68	5.3	0.74	5.8	0.78	6.2	0.81	7.1	0.89	8.0	0.95
	6	4.0	0.66	4.4	0.68	5.3	0.75	5.8	0.80	6.2	0.84	7.1	0.90	8.0	0.99
	8	4.0	0.68	4.4	0.72	5.3	0.76	5.8	0.81	6.2	0.85	7.1	0.92	8.0	1.01
	10	4.0	0.68	4.4	0.72	5.3	0.81	5.8	0.81	6.2	0.88	7.1	0.96	8.0	1.06
	12	4.0	0.71	4.4	0.74	5.3	0.82	5.8	0.84	6.2	0.88	7.1	0.97	8.0	1.07
	14	4.0	0.73	4.4	0.76	5.3	0.82	5.8	0.89	6.2	0.93	7.1	1.01	8.0	1.10
	16	4.0	0.74	4.4	0.78	5.3	0.86	5.8	0.90	6.2	0.97	7.1	1.05	8.0	1.16
	18	4.0	0.78	4.4	0.81	5.3	0.90	5.8	0.94	6.2	0.97	7.1	1.07	8.0	1.18
	20	4.0	0.80	4.4	0.84	5.3	0.91	5.8	0.98	6.2	1.00	7.1	1.11	8.0	1.20
	21	4.0	0.82	4.4	0.86	5.3	0.95	5.8	0.98	6.2	1.05	7.1	1.11	8.0	1.23
	23	4.0	0.86	4.4	0.89	5.3	0.98	5.8	1.02	6.2	1.06	7.1	1.17	8.0	1.35
	25	4.0	0.86	4.4	0.91	5.3	0.99	5.8	1.06	6.2	1.09	7.1	1.22	8.0	1.47
	27	4.0	0.90	4.4	0.93	5.3	1.03	5.8	1.07	6.2	1.15	7.1	1.33	8.0	1.60
	29	4.0	0.92	4.4	0.96	5.3	1.07	5.8	1.16	6.2	1.25	7.1	1.44	8.0	1.73
	31	4.0	0.93	4.4	0.98	5.3	1.16	5.8	1.26	6.2	1.36	7.1	1.56	8.0	1.87
	33	4.0	0.99	4.4	1.06	5.3	1.25	5.8	1.36	6.2	1.47	7.1	1.69	8.0	2.02
	35	4.0	1.05	4.4	1.14	5.3	1.35	5.8	1.46	6.2	1.58	7.1	1.82	8.0	2.17
37	4.0	1.12	4.4	1.22	5.3	1.45	5.8	1.58	6.2	1.70	7.1	1.96	8.0	2.34	
39	4.0	1.20	4.4	1.32	5.3	1.57	5.8	1.70	6.2	1.84	7.1	2.11	8.0	2.51	
41	4.0	1.29	4.4	1.42	5.3	1.68	5.8	1.83	6.2	1.97	7.1	2.28	8.0	2.71	
43	4.0	1.39	4.4	1.52	5.3	1.82	5.8	1.97	6.2	2.12	7.1	2.45	8.0	2.91	
45	4.0	1.49	4.4	1.64	5.3	1.95	5.8	2.12	6.2	2.29	7.1	2.63	8.0	3.14	
48	4.0	1.67	4.4	1.83	5.3	2.18	5.8	2.36	6.2	2.55	7.1	2.94	7.8	3.41	
50	4.0	1.80	4.4	1.97	5.3	2.35	5.8	2.54	6.2	2.75	6.6	2.85	6.7	2.78	
52	4.0	1.94	4.4	2.13	5.2	2.45	5.3	2.47	5.4	2.42	5.5	2.33	5.5	2.22	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.7: MV8M-80WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
70%	-15	3.5	0.48	3.9	0.50	4.7	0.55	5.0	0.57	5.4	0.61	6.2	0.69	7.0	0.77
	-12	3.5	0.50	3.9	0.51	4.7	0.56	5.0	0.58	5.4	0.61	6.2	0.69	7.0	0.78
	-10	3.5	0.50	3.9	0.52	4.7	0.56	5.0	0.59	5.4	0.62	6.2	0.69	7.0	0.78
	-8	3.5	0.50	3.9	0.52	4.7	0.57	5.0	0.59	5.4	0.62	6.2	0.70	7.0	0.79
	-5	3.5	0.52	3.9	0.53	4.7	0.57	5.0	0.59	5.4	0.65	6.2	0.71	7.0	0.79
	-2	3.5	0.54	3.9	0.56	4.7	0.62	5.0	0.62	5.4	0.65	6.2	0.73	7.0	0.80
	0	3.5	0.56	3.9	0.57	4.7	0.64	5.0	0.67	5.4	0.69	6.2	0.76	7.0	0.82
	2	3.5	0.57	3.9	0.59	4.7	0.67	5.0	0.67	5.4	0.73	6.2	0.76	7.0	0.82
	4	3.5	0.60	3.9	0.62	4.7	0.69	5.0	0.69	5.4	0.74	6.2	0.80	7.0	0.87
	6	3.5	0.62	3.9	0.64	4.7	0.69	5.0	0.71	5.4	0.75	6.2	0.83	7.0	0.88
	8	3.5	0.62	3.9	0.65	4.7	0.70	5.0	0.74	5.4	0.75	6.2	0.83	7.0	0.88
	10	3.5	0.63	3.9	0.65	4.7	0.71	5.0	0.75	5.4	0.80	6.2	0.84	7.0	0.95
	12	3.5	0.65	3.9	0.67	4.7	0.73	5.0	0.76	5.4	0.81	6.2	0.85	7.0	0.97
	14	3.5	0.68	3.9	0.70	4.7	0.76	5.0	0.79	5.4	0.83	6.2	0.90	7.0	0.97
	16	3.5	0.68	3.9	0.71	4.7	0.78	5.0	0.82	5.4	0.85	6.2	0.93	7.0	1.01
	18	3.5	0.72	3.9	0.75	4.7	0.80	5.0	0.83	5.4	0.89	6.2	0.95	7.0	1.01
	20	3.5	0.73	3.9	0.77	4.7	0.84	5.0	0.87	5.4	0.89	6.2	0.98	7.0	1.05
	21	3.5	0.76	3.9	0.80	4.7	0.84	5.0	0.90	5.4	0.92	6.2	1.02	7.0	1.10
	23	3.5	0.79	3.9	0.82	4.7	0.87	5.0	0.90	5.4	0.96	6.2	1.02	7.0	1.11
	25	3.5	0.79	3.9	0.83	4.7	0.91	5.0	0.93	5.4	0.97	6.2	1.06	7.0	1.22
	27	3.5	0.82	3.9	0.85	4.7	0.91	5.0	0.97	5.4	1.01	6.2	1.11	7.0	1.33
	29	3.5	0.84	3.9	0.87	4.7	0.95	5.0	0.99	5.4	1.06	6.2	1.21	7.0	1.44
	31	3.5	0.86	3.9	0.89	4.7	0.99	5.0	1.07	5.4	1.15	6.2	1.31	7.0	1.56
	33	3.5	0.90	3.9	0.95	4.7	1.07	5.0	1.16	5.4	1.24	6.2	1.42	7.0	1.68
	35	3.5	0.96	3.9	1.01	4.7	1.16	5.0	1.25	5.4	1.34	6.2	1.53	7.0	1.81
37	3.5	1.02	3.9	1.08	4.7	1.25	5.0	1.34	5.4	1.45	6.2	1.65	7.0	1.96	
39	3.5	1.09	3.9	1.15	4.7	1.34	5.0	1.45	5.4	1.56	6.2	1.78	7.0	2.10	
41	3.5	1.16	3.9	1.23	4.7	1.44	5.0	1.56	5.4	1.68	6.2	1.92	7.0	2.27	
43	3.5	1.24	3.9	1.32	4.7	1.56	5.0	1.68	5.4	1.81	6.2	2.07	7.0	2.44	
45	3.5	1.32	3.9	1.42	4.7	1.68	5.0	1.81	5.4	1.95	6.2	2.23	7.0	2.62	
48	3.5	1.45	3.9	1.59	4.7	1.88	5.0	2.03	5.4	2.18	6.2	2.49	7.0	2.93	
50	3.5	1.57	3.9	1.71	4.7	2.02	5.0	2.18	5.4	2.35	6.2	2.68	6.6	2.89	
52	3.5	1.69	3.9	1.85	4.7	2.18	5.0	2.35	5.3	2.48	5.4	2.36	5.5	2.32	
60%	-15	3.0	0.46	3.3	0.47	4.0	0.50	4.3	0.51	4.7	0.54	5.3	0.59	6.0	0.65
	-12	3.0	0.46	3.3	0.48	4.0	0.51	4.3	0.51	4.7	0.54	5.3	0.60	6.0	0.65
	-10	3.0	0.47	3.3	0.48	4.0	0.51	4.3	0.53	4.7	0.54	5.3	0.61	6.0	0.66
	-8	3.0	0.48	3.3	0.49	4.0	0.53	4.3	0.54	4.7	0.56	5.3	0.61	6.0	0.67
	-5	3.0	0.48	3.3	0.51	4.0	0.55	4.3	0.55	4.7	0.57	5.3	0.63	6.0	0.68
	-2	3.0	0.48	3.3	0.53	4.0	0.55	4.3	0.60	4.7	0.60	5.3	0.64	6.0	0.69
	0	3.0	0.50	3.3	0.54	4.0	0.58	4.3	0.60	4.7	0.64	5.3	0.67	6.0	0.71
	2	3.0	0.51	3.3	0.54	4.0	0.60	4.3	0.61	4.7	0.64	5.3	0.72	6.0	0.73
	4	3.0	0.54	3.3	0.57	4.0	0.61	4.3	0.66	4.7	0.67	5.3	0.73	6.0	0.75
	6	3.0	0.56	3.3	0.59	4.0	0.63	4.3	0.66	4.7	0.68	5.3	0.74	6.0	0.79
	8	3.0	0.56	3.3	0.59	4.0	0.64	4.3	0.66	4.7	0.69	5.3	0.75	6.0	0.79
	10	3.0	0.59	3.3	0.61	4.0	0.65	4.3	0.66	4.7	0.69	5.3	0.76	6.0	0.81
	12	3.0	0.59	3.3	0.61	4.0	0.66	4.3	0.68	4.7	0.70	5.3	0.78	6.0	0.83
	14	3.0	0.61	3.3	0.64	4.0	0.69	4.3	0.71	4.7	0.73	5.3	0.79	6.0	0.85
	16	3.0	0.62	3.3	0.64	4.0	0.69	4.3	0.72	4.7	0.75	5.3	0.82	6.0	0.89
	18	3.0	0.66	3.3	0.68	4.0	0.72	4.3	0.75	4.7	0.77	5.3	0.83	6.0	0.90
	20	3.0	0.66	3.3	0.69	4.0	0.75	4.3	0.78	4.7	0.81	5.3	0.86	6.0	0.91
	21	3.0	0.69	3.3	0.73	4.0	0.77	4.3	0.79	4.7	0.82	5.3	0.89	6.0	0.95
	23	3.0	0.71	3.3	0.73	4.0	0.81	4.3	0.82	4.7	0.84	5.3	0.91	6.0	0.98
	25	3.0	0.73	3.3	0.74	4.0	0.81	4.3	0.84	4.7	0.86	5.3	0.92	6.0	0.99
	27	3.0	0.73	3.3	0.75	4.0	0.81	4.3	0.85	4.7	0.88	5.3	0.94	6.0	1.08
	29	3.0	0.74	3.3	0.79	4.0	0.87	4.3	0.85	4.7	0.90	5.3	0.99	6.0	1.17
	31	3.0	0.77	3.3	0.80	4.0	0.88	4.3	0.91	4.7	0.95	5.3	1.08	6.0	1.28
	33	3.0	0.82	3.3	0.86	4.0	0.94	4.3	0.98	4.7	1.04	5.3	1.17	6.0	1.38
	35	3.0	0.87	3.3	0.92	4.0	1.00	4.3	1.05	4.7	1.12	5.3	1.27	6.0	1.49
37	3.0	0.93	3.3	0.98	4.0	1.07	4.3	1.13	4.7	1.21	5.3	1.37	6.0	1.61	
39	3.0	0.99	3.3	1.04	4.0	1.14	4.3	1.22	4.7	1.30	5.3	1.48	6.0	1.73	
41	3.0	1.05	3.3	1.11	4.0	1.22	4.3	1.31	4.7	1.41	5.3	1.60	6.0	1.87	
43	3.0	1.12	3.3	1.18	4.0	1.31	4.3	1.41	4.7	1.52	5.3	1.72	6.0	2.01	
45	3.0	1.19	3.3	1.26	4.0	1.42	4.3	1.53	4.7	1.64	5.3	1.85	6.0	2.16	
48	3.0	1.31	3.3	1.38	4.0	1.59	4.3	1.71	4.7	1.83	5.3	2.08	6.0	2.42	
50	3.0	1.39	3.3	1.48	4.0	1.71	4.3	1.85	4.7	1.98	5.3	2.24	6.0	2.61	
52	3.0	1.49	3.3	1.59	4.0	1.85	4.3	1.99	4.7	2.14	5.3	2.42	5.4	2.39	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.9: MV8M-80WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
50%	-15	2.5	0.42	2.8	0.44	3.3	0.46	3.6	0.47	3.9	0.49	4.4	0.52	5.0	0.54
	-12	2.5	0.42	2.8	0.44	3.3	0.47	3.6	0.48	3.9	0.49	4.4	0.52	5.0	0.55
	-10	2.5	0.44	2.8	0.44	3.3	0.47	3.6	0.49	3.9	0.50	4.4	0.53	5.0	0.55
	-8	2.5	0.44	2.8	0.46	3.3	0.48	3.6	0.50	3.9	0.51	4.4	0.54	5.0	0.56
	-5	2.5	0.44	2.8	0.46	3.3	0.49	3.6	0.51	3.9	0.52	4.4	0.54	5.0	0.57
	-2	2.5	0.45	2.8	0.46	3.3	0.49	3.6	0.51	3.9	0.54	4.4	0.58	5.0	0.59
	0	2.5	0.45	2.8	0.47	3.3	0.52	3.6	0.54	3.9	0.57	4.4	0.61	5.0	0.63
	2	2.5	0.47	2.8	0.48	3.3	0.54	3.6	0.55	3.9	0.58	4.4	0.62	5.0	0.65
	4	2.5	0.47	2.8	0.50	3.3	0.54	3.6	0.56	3.9	0.59	4.4	0.63	5.0	0.67
	6	2.5	0.48	2.8	0.52	3.3	0.56	3.6	0.59	3.9	0.60	4.4	0.64	5.0	0.67
	8	2.5	0.49	2.8	0.54	3.3	0.59	3.6	0.60	3.9	0.61	4.4	0.64	5.0	0.68
	10	2.5	0.52	2.8	0.54	3.3	0.59	3.6	0.61	3.9	0.63	4.4	0.66	5.0	0.70
	12	2.5	0.54	2.8	0.55	3.3	0.60	3.6	0.61	3.9	0.63	4.4	0.67	5.0	0.71
	14	2.5	0.55	2.8	0.56	3.3	0.60	3.6	0.63	3.9	0.65	4.4	0.69	5.0	0.72
	16	2.5	0.56	2.8	0.57	3.3	0.61	3.6	0.64	3.9	0.66	4.4	0.70	5.0	0.75
	18	2.5	0.59	2.8	0.59	3.3	0.65	3.6	0.67	3.9	0.69	4.4	0.72	5.0	0.78
	20	2.5	0.60	2.8	0.59	3.3	0.66	3.6	0.69	3.9	0.71	4.4	0.76	5.0	0.78
	21	2.5	0.61	2.8	0.64	3.3	0.67	3.6	0.69	3.9	0.71	4.4	0.76	5.0	0.81
	23	2.5	0.62	2.8	0.64	3.3	0.68	3.6	0.71	3.9	0.72	4.4	0.80	5.0	0.82
	25	2.5	0.64	2.8	0.66	3.3	0.68	3.6	0.72	3.9	0.73	4.4	0.80	5.0	0.85
	27	2.5	0.64	2.8	0.67	3.3	0.72	3.6	0.74	3.9	0.77	4.4	0.83	5.0	0.86
29	2.5	0.67	2.8	0.69	3.3	0.76	3.6	0.75	3.9	0.77	4.4	0.85	5.0	0.94	
31	2.5	0.69	2.8	0.72	3.3	0.78	3.6	0.80	3.9	0.83	4.4	0.89	5.0	1.02	
33	2.5	0.74	2.8	0.77	3.3	0.83	3.6	0.86	3.9	0.90	4.4	0.96	5.0	1.10	
35	2.5	0.78	2.8	0.82	3.3	0.89	3.6	0.92	3.9	0.96	4.4	1.03	5.0	1.19	
37	2.5	0.84	2.8	0.88	3.3	0.95	3.6	0.99	3.9	1.03	4.4	1.11	5.0	1.29	
39	2.5	0.89	2.8	0.93	3.3	1.01	3.6	1.06	3.9	1.10	4.4	1.20	5.0	1.39	
41	2.5	0.95	2.8	0.99	3.3	1.08	3.6	1.13	3.9	1.17	4.4	1.30	5.0	1.50	
43	2.5	1.01	2.8	1.05	3.3	1.15	3.6	1.20	3.9	1.25	4.4	1.40	5.0	1.63	
45	2.5	1.07	2.8	1.12	3.3	1.23	3.6	1.28	3.9	1.34	4.4	1.51	5.0	1.75	
48	2.5	1.17	2.8	1.23	3.3	1.35	3.6	1.42	3.9	1.51	4.4	1.70	5.0	1.96	
50	2.5	1.25	2.8	1.31	3.3	1.45	3.6	1.53	3.9	1.63	4.4	1.83	5.0	2.12	
52	2.5	1.33	2.8	1.40	3.3	1.55	3.6	1.65	3.9	1.76	4.4	1.98	5.0	2.28	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table2-8.19: MV8M-120WV2N8 cooling capacity

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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%	-15	11.1	1.07	12.3	1.22	14.8	1.52	16.0	1.86	17.2	2.22	19.7	2.71	21.2	3.36
	-12	11.1	1.09	12.3	1.23	14.8	1.64	16.0	1.98	17.2	2.30	19.7	2.76	21.1	3.35
	-10	11.1	1.11	12.3	1.26	14.8	1.79	16.0	2.05	17.2	2.42	19.7	2.83	21.1	3.52
	-8	11.1	1.14	12.3	1.28	14.8	1.83	16.0	2.08	17.2	2.43	19.7	2.86	21.1	3.40
	-5	11.1	1.15	12.3	1.36	14.8	1.84	16.0	2.09	17.2	2.44	19.7	2.88	21.1	3.42
	-2	11.1	1.18	12.3	1.48	14.8	1.87	16.0	2.19	17.2	2.45	19.7	2.90	21.1	3.48
	0	11.1	1.33	12.3	1.54	14.8	1.98	16.0	2.21	17.2	2.46	19.7	2.91	21.1	3.46
	2	11.1	1.34	12.3	1.55	14.8	2.01	16.0	2.21	17.2	2.47	19.7	2.96	21.0	3.46
	4	11.1	1.35	12.3	1.57	14.8	2.02	16.0	2.25	17.2	2.48	19.7	2.99	21.0	3.50
	6	11.1	1.35	12.3	1.59	14.8	2.02	16.0	2.26	17.2	2.49	19.7	3.05	20.9	3.60
	8	11.1	1.38	12.3	1.61	14.8	2.07	16.0	2.31	17.2	2.56	19.7	3.23	20.8	3.73
	10	11.1	1.42	12.3	1.63	14.8	2.13	16.0	2.39	17.2	2.66	19.7	3.43	20.6	3.91
	12	11.1	1.47	12.3	1.65	14.8	2.13	16.0	2.44	17.2	2.78	19.7	3.73	20.4	4.09
	14	11.1	1.48	12.3	1.73	14.8	2.25	16.0	2.62	17.2	3.02	19.7	4.02	20.2	4.29
	16	11.1	1.54	12.3	1.81	14.8	2.46	16.0	2.85	17.2	3.28	19.7	4.32	20.0	4.48
	18	11.1	1.66	12.3	1.97	14.8	2.68	16.0	3.09	17.2	3.56	19.7	4.66	19.8	4.68
	20	11.1	1.82	12.3	2.15	14.8	2.90	16.0	3.34	17.2	3.85	19.2	4.83	19.6	4.89
	21	11.1	1.91	12.3	2.25	14.8	3.02	16.0	3.48	17.2	4.00	19.1	4.93	19.5	4.99
	23	11.1	2.08	12.3	2.44	14.8	3.26	16.0	3.74	17.2	4.32	18.9	5.14	19.3	5.20
	25	11.1	2.26	12.3	2.64	14.8	3.51	16.0	4.04	17.2	4.66	18.6	5.35	19.1	5.41
	27	11.1	2.45	12.3	2.85	14.8	3.79	16.0	4.35	17.2	5.01	18.4	5.56	18.8	5.63
	29	11.1	2.64	12.3	3.07	14.8	4.07	16.0	4.69	17.2	5.37	18.2	5.78	18.6	5.85
	31	11.1	2.85	12.3	3.30	14.8	4.37	16.0	5.04	17.2	5.79	17.8	5.88	18.1	5.87
	33	11.1	3.06	12.3	3.56	14.8	4.70	16.0	5.42	16.7	5.88	17.3	5.90	17.7	5.90
	35	11.1	3.30	12.3	3.82	14.8	5.07	16.0	5.83	16.2	5.88	16.9	5.93	17.3	5.99
37	11.1	3.54	12.3	4.11	14.8	5.45	15.4	5.87	15.7	5.88	16.3	5.88	16.7	5.93	
39	11.1	3.82	12.3	4.41	14.8	5.85	14.9	5.89	15.2	5.89	15.8	5.89	16.2	5.87	
41	11.1	4.10	12.3	4.75	14.2	5.88	14.4	5.87	14.8	5.91	15.4	5.89	15.8	5.95	
43	11.1	4.41	12.3	5.10	13.7	5.88	13.9	5.86	14.1	5.70	14.4	5.45	14.4	5.25	
45	11.1	4.75	11.9	5.25	12.4	5.23	12.5	5.10	12.6	4.96	13.0	4.79	13.0	4.58	
48	9.9	4.46	10.1	4.40	10.2	4.10	10.5	4.12	10.6	4.02	10.7	3.68	10.8	3.57	
50	8.6	3.85	8.5	3.63	8.9	3.54	9.0	3.43	8.8	3.19	9.0	2.94	9.2	2.93	
52	7.2	3.18	7.2	3.07	7.1	2.72	7.3	2.72	7.6	2.71	7.4	2.37	7.6	2.35	
120%	-15	10.2	0.97	11.4	1.10	13.6	1.37	14.8	1.53	15.9	1.80	18.2	2.35	20.4	3.14
	-12	10.2	0.99	11.4	1.14	13.6	1.39	14.8	1.63	15.9	1.97	18.2	2.44	20.4	3.16
	-10	10.2	1.02	11.4	1.14	13.6	1.40	14.8	1.78	15.9	2.02	18.2	2.45	20.4	3.24
	-8	10.2	1.04	11.4	1.15	13.6	1.57	14.8	1.81	15.9	2.14	18.2	2.48	20.4	3.30
	-5	10.2	1.05	11.4	1.20	13.6	1.62	14.8	1.82	15.9	2.14	18.2	2.49	20.4	3.41
	-2	10.2	1.05	11.4	1.26	13.6	1.65	14.8	1.84	15.9	2.15	18.2	2.50	20.4	3.41
	0	10.2	1.06	11.4	1.39	13.6	1.77	14.8	1.97	15.9	2.20	18.2	2.52	20.4	3.42
	2	10.2	1.20	11.4	1.40	13.6	1.79	14.8	1.98	15.9	2.21	18.2	2.52	20.4	3.42
	4	10.2	1.21	11.4	1.41	13.6	1.79	14.8	1.99	15.9	2.21	18.2	2.59	20.4	3.46
	6	10.2	1.21	11.4	1.43	13.6	1.81	14.8	2.00	15.9	2.24	18.2	2.62	20.4	3.53
	8	10.2	1.23	11.4	1.44	13.6	1.83	14.8	2.05	15.9	2.26	18.2	2.69	20.4	3.63
	10	10.2	1.28	11.4	1.45	13.6	1.87	14.8	2.11	15.9	2.34	18.2	2.80	20.4	3.92
	12	10.2	1.32	11.4	1.47	13.6	1.90	14.8	2.11	15.9	2.39	18.2	3.08	19.9	4.04
	14	10.2	1.32	11.4	1.53	13.6	1.99	14.8	2.23	15.9	2.56	18.2	3.34	19.7	4.23
	16	10.2	1.36	11.4	1.58	13.6	2.11	14.8	2.44	15.9	2.80	18.2	3.63	19.5	4.42
	18	10.2	1.46	11.4	1.71	13.6	2.31	14.8	2.66	15.9	3.03	18.2	3.92	19.3	4.62
	20	10.2	1.60	11.4	1.88	13.6	2.51	14.8	2.88	15.9	3.28	18.2	4.24	19.1	4.82
	21	10.2	1.67	11.4	1.96	13.6	2.62	14.8	3.00	15.9	3.41	18.2	4.39	19.0	4.92
	23	10.2	1.84	11.4	2.14	13.6	2.84	14.8	3.24	15.9	3.68	18.2	4.73	18.8	5.13
	25	10.2	1.99	11.4	2.32	13.6	3.06	14.8	3.50	15.9	3.96	18.2	5.10	18.6	5.34
	27	10.2	2.16	11.4	2.51	13.6	3.30	14.8	3.76	15.9	4.28	18.2	5.48	18.4	5.56
	29	10.2	2.34	11.4	2.71	13.6	3.56	14.8	4.05	15.9	4.59	17.8	5.71	18.1	5.78
	31	10.2	2.53	11.4	2.92	13.6	3.83	14.8	4.34	15.9	4.95	17.5	5.88	17.8	5.87
	33	10.2	2.72	11.4	3.14	13.6	4.11	14.8	4.67	15.9	5.33	17.0	5.89	17.3	5.90
	35	10.2	2.93	11.4	3.38	13.6	4.41	14.8	5.02	15.9	5.73	16.5	5.89	16.9	5.92
37	10.2	3.15	11.4	3.64	13.6	4.74	14.8	5.41	15.4	5.87	16.1	5.88	16.4	5.88	
39	10.2	3.39	11.4	3.91	13.6	5.10	14.8	5.82	15.0	5.89	15.6	5.90	16.0	5.96	
41	10.2	3.65	11.4	4.21	13.6	5.48	14.2	5.89	14.5	5.89	15.1	5.91	15.5	5.89	
43	10.2	3.93	11.4	4.52	13.6	5.90	13.7	5.87	14.0	5.87	14.2	5.52	14.3	5.33	
45	10.2	4.24	11.4	4.87	12.4	5.36	12.5	5.24	12.6	5.05	12.8	4.77	12.9	4.68	
48	9.7	4.39	10.0	4.47	10.2	4.20	10.3	4.11	10.6	4.13	10.7	3.80	10.8	3.68	
50	8.5	3.83	8.6	3.74	9.0	3.65	9.0	3.55	8.9	3.31	9.3	3.19	9.1	2.94	
52	7.1	3.18	7.3	3.19	7.4	2.95	7.3	2.72	7.5	2.71	8.0	2.70	7.5	2.36	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.21: MV8M-120WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
110%	-15	9.4	0.88	10.4	0.99	12.5	1.24	13.5	1.36	14.6	1.49	16.7	2.08	18.7	2.61
	-12	9.4	0.89	10.4	1.02	12.5	1.25	13.5	1.37	14.6	1.52	16.7	2.10	18.7	2.80
	-10	9.4	0.92	10.4	1.03	12.5	1.27	13.5	1.38	14.6	1.73	16.7	2.13	18.7	2.88
	-8	9.4	0.92	10.4	1.03	12.5	1.30	13.5	1.50	14.6	1.88	16.7	2.15	18.7	2.89
	-5	9.4	0.94	10.4	1.06	12.5	1.38	13.5	1.58	14.6	1.89	16.7	2.16	18.7	2.90
	-2	9.4	0.94	10.4	1.07	12.5	1.45	13.5	1.62	14.6	1.90	16.7	2.18	18.7	2.91
	0	9.4	0.95	10.4	1.08	12.5	1.46	13.5	1.73	14.6	1.91	16.7	2.22	18.7	2.92
	2	9.4	0.96	10.4	1.23	12.5	1.56	13.5	1.73	14.6	1.95	16.7	2.24	18.7	2.94
	4	9.4	1.06	10.4	1.23	12.5	1.57	13.5	1.75	14.6	1.96	16.7	2.26	18.7	2.94
	6	9.4	1.07	10.4	1.24	12.5	1.58	13.5	1.77	14.6	1.97	16.7	2.32	18.7	2.96
	8	9.4	1.08	10.4	1.26	12.5	1.61	13.5	1.78	14.6	1.98	16.7	2.32	18.7	3.07
	10	9.4	1.12	10.4	1.29	12.5	1.63	13.5	1.83	14.6	2.03	16.7	2.42	18.7	3.18
	12	9.4	1.16	10.4	1.31	12.5	1.65	13.5	1.86	14.6	2.04	16.7	2.54	18.7	3.47
	14	9.4	1.17	10.4	1.35	12.5	1.73	13.5	1.95	14.6	2.16	16.7	2.77	18.7	3.75
	16	9.4	1.19	10.4	1.38	12.5	1.80	13.5	2.06	14.6	2.36	16.7	3.01	18.7	4.04
	18	9.4	1.26	10.4	1.48	12.5	1.97	13.5	2.26	14.6	2.58	16.7	3.26	18.7	4.35
	20	9.4	1.38	10.4	1.62	12.5	2.16	13.5	2.47	14.6	2.79	16.7	3.53	18.7	4.69
	21	9.4	1.46	10.4	1.70	12.5	2.25	13.5	2.57	14.6	2.91	16.7	3.67	18.7	4.87
	23	9.4	1.60	10.4	1.86	12.5	2.44	13.5	2.79	14.6	3.15	16.7	3.97	18.3	5.05
	25	9.4	1.75	10.4	2.03	12.5	2.65	13.5	3.00	14.6	3.39	16.7	4.27	18.1	5.27
	27	9.4	1.90	10.4	2.20	12.5	2.86	13.5	3.24	14.6	3.65	16.7	4.60	17.9	5.48
	29	9.4	2.06	10.4	2.37	12.5	3.09	13.5	3.49	14.6	3.93	16.7	4.96	17.7	5.70
	31	9.4	2.23	10.4	2.56	12.5	3.32	13.5	3.76	14.6	4.22	16.7	5.32	17.4	5.89
	33	9.4	2.40	10.4	2.76	12.5	3.57	13.5	4.03	14.6	4.54	16.7	5.72	17.0	5.89
	35	9.4	2.59	10.4	2.97	12.5	3.84	13.5	4.34	14.6	4.87	16.2	5.88	16.6	5.92
37	9.4	2.79	10.4	3.19	12.5	4.13	13.5	4.67	14.6	5.25	15.7	5.88	16.0	5.87	
39	9.4	3.00	10.4	3.45	12.5	4.44	13.5	5.01	14.6	5.65	15.2	5.87	15.6	5.89	
41	9.4	3.23	10.4	3.70	12.5	4.77	13.5	5.38	14.2	5.90	14.8	5.89	15.1	5.90	
43	9.4	3.48	10.4	3.99	12.5	5.13	13.5	5.80	13.7	5.88	14.1	5.71	14.2	5.52	
45	9.4	3.76	10.4	4.30	12.1	5.29	12.4	5.35	12.6	5.24	12.8	4.97	12.8	4.77	
48	9.4	4.21	9.8	4.43	10.2	4.30	10.3	4.21	10.4	4.11	10.6	3.91	10.8	3.80	
50	8.4	3.86	8.5	3.79	8.8	3.64	8.7	3.42	8.8	3.31	8.9	3.07	9.0	2.94	
52	7.0	3.18	7.2	3.18	7.1	2.83	7.4	2.83	7.4	2.72	7.9	2.71	7.4	2.37	
100%	-15	8.5	0.79	9.5	0.88	11.4	1.10	12.3	1.21	13.2	1.34	15.1	1.54	17.0	2.19
	-12	8.5	0.80	9.5	0.91	11.4	1.14	12.3	1.23	13.2	1.35	15.1	1.72	17.0	2.37
	-10	8.5	0.81	9.5	0.92	11.4	1.15	12.3	1.26	13.2	1.35	15.1	1.83	17.0	2.40
	-8	8.5	0.82	9.5	0.92	11.4	1.15	12.3	1.26	13.2	1.36	15.1	1.85	17.0	2.41
	-5	8.5	0.83	9.5	0.93	11.4	1.18	12.3	1.29	13.2	1.61	15.1	1.86	17.0	2.42
	-2	8.5	0.84	9.5	0.93	11.4	1.21	12.3	1.48	13.2	1.62	15.1	1.87	17.0	2.42
	0	8.5	0.85	9.5	0.95	11.4	1.34	12.3	1.49	13.2	1.63	15.1	1.89	17.0	2.43
	2	8.5	0.86	9.5	0.96	11.4	1.35	12.3	1.51	13.2	1.63	15.1	1.94	17.0	2.44
	4	8.5	0.87	9.5	1.06	11.4	1.37	12.3	1.53	13.2	1.66	15.1	2.04	17.0	2.48
	6	8.5	0.95	9.5	1.08	11.4	1.38	12.3	1.54	13.2	1.68	15.1	2.05	17.0	2.49
	8	8.5	0.98	9.5	1.09	11.4	1.40	12.3	1.57	13.2	1.71	15.1	2.06	17.0	2.57
	10	8.5	1.00	9.5	1.12	11.4	1.42	12.3	1.59	13.2	1.74	15.1	2.11	17.0	2.66
	12	8.5	1.02	9.5	1.16	11.4	1.49	12.3	1.59	13.2	1.82	15.1	2.17	17.0	2.77
	14	8.5	1.03	9.5	1.18	11.4	1.49	12.3	1.66	13.2	1.85	15.1	2.28	17.0	3.01
	16	8.5	1.09	9.5	1.19	11.4	1.54	12.3	1.75	13.2	1.97	15.1	2.50	17.0	3.29
	18	8.5	1.10	9.5	1.26	11.4	1.67	12.3	1.91	13.2	2.17	15.1	2.71	17.0	3.54
	20	8.5	1.19	9.5	1.38	11.4	1.84	12.3	2.08	13.2	2.36	15.1	2.95	17.0	3.85
	21	8.5	1.26	9.5	1.46	11.4	1.92	12.3	2.18	13.2	2.46	15.1	3.06	17.0	3.98
	23	8.5	1.38	9.5	1.60	11.4	2.09	12.3	2.37	13.2	2.67	15.1	3.31	17.0	4.29
	25	8.5	1.52	9.5	1.75	11.4	2.27	12.3	2.57	13.2	2.88	15.1	3.57	17.0	4.62
	27	8.5	1.66	9.5	1.90	11.4	2.46	12.3	2.78	13.2	3.11	15.1	3.85	17.0	4.99
	29	8.5	1.80	9.5	2.06	11.4	2.65	12.3	2.99	13.2	3.36	15.1	4.14	17.0	5.36
	31	8.5	1.94	9.5	2.23	11.4	2.86	12.3	3.23	13.2	3.61	15.1	4.45	17.0	5.76
	33	8.5	2.10	9.5	2.41	11.4	3.08	12.3	3.47	13.2	3.88	15.1	4.80	16.5	5.89
	35	8.5	2.27	9.5	2.59	11.4	3.32	12.3	3.73	13.2	4.17	15.1	5.14	16.1	5.87
37	8.5	2.45	9.5	2.79	11.4	3.57	12.3	4.01	13.2	4.48	15.1	5.53	15.6	5.89	
39	8.5	2.64	9.5	3.01	11.4	3.84	12.3	4.31	13.2	4.81	15.1	5.97	15.2	5.88	
41	8.5	2.84	9.5	3.24	11.4	4.13	12.3	4.63	13.2	5.18	14.4	5.88	14.7	5.90	
43	8.5	3.07	9.5	3.49	11.4	4.45	12.3	4.99	13.2	5.57	14.0	5.90	14.2	5.77	
45	8.5	3.31	9.5	3.77	11.4	4.79	12.3	5.37	12.4	5.35	12.7	5.10	12.8	4.97	
48	8.5	3.71	9.5	4.22	10.1	4.41	10.2	4.30	10.3	4.21	10.6	4.01	10.7	3.91	
50	8.1	3.76	8.5	3.87	8.6	3.63	8.7	3.53	8.8	3.42	8.9	3.19	9.2	3.19	
52	7.0	3.23	7.1	3.18	7.2	2.95	7.2	2.83	7.5	2.83	7.7	2.71	8.0	2.70	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.23: MV8M-120WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
90%	-15	7.7	0.70	8.5	0.78	10.2	0.96	11.1	1.07	11.9	1.16	13.6	1.36	15.3	1.57
	-12	7.7	0.71	8.5	0.80	10.2	0.97	11.1	1.08	11.9	1.18	13.6	1.37	15.3	1.91
	-10	7.7	0.73	8.5	0.81	10.2	0.98	11.1	1.09	11.9	1.20	13.6	1.39	15.3	2.00
	-8	7.7	0.73	8.5	0.82	10.2	1.01	11.1	1.10	11.9	1.20	13.6	1.48	15.3	2.00
	-5	7.7	0.74	8.5	0.83	10.2	1.02	11.1	1.11	11.9	1.23	13.6	1.55	15.3	2.02
	-2	7.7	0.74	8.5	0.84	10.2	1.02	11.1	1.13	11.9	1.34	13.6	1.59	15.3	2.03
	0	7.7	0.74	8.5	0.84	10.2	1.04	11.1	1.24	11.9	1.37	13.6	1.69	15.3	2.05
	2	7.7	0.75	8.5	0.85	10.2	1.13	11.1	1.25	11.9	1.39	13.6	1.71	15.3	2.07
	4	7.7	0.76	8.5	0.86	10.2	1.14	11.1	1.26	11.9	1.40	13.6	1.71	15.3	2.13
	6	7.7	0.78	8.5	0.94	10.2	1.14	11.1	1.26	11.9	1.41	13.6	1.73	15.3	2.14
	8	7.7	0.85	8.5	0.96	10.2	1.16	11.1	1.30	11.9	1.46	13.6	1.76	15.3	2.22
	10	7.7	0.89	8.5	0.98	10.2	1.21	11.1	1.33	11.9	1.51	13.6	1.80	15.3	2.23
	12	7.7	0.90	8.5	1.00	10.2	1.25	11.1	1.39	11.9	1.53	13.6	1.82	15.3	2.33
	14	7.7	0.91	8.5	1.01	10.2	1.26	11.1	1.40	11.9	1.56	13.6	1.91	15.3	2.46
	16	7.7	0.92	8.5	1.07	10.2	1.34	11.1	1.50	11.9	1.66	13.6	2.04	15.3	2.67
	18	7.7	0.94	8.5	1.08	10.2	1.39	11.1	1.57	11.9	1.79	13.6	2.23	15.3	2.89
	20	7.7	1.04	8.5	1.18	10.2	1.54	11.1	1.75	11.9	1.97	13.6	2.43	15.3	3.13
	21	7.7	1.10	8.5	1.24	10.2	1.62	11.1	1.82	11.9	2.05	13.6	2.54	15.3	3.26
	23	7.7	1.22	8.5	1.37	10.2	1.77	11.1	1.99	11.9	2.23	13.6	2.75	15.3	3.51
	25	7.7	1.33	8.5	1.49	10.2	1.93	11.1	2.17	11.9	2.43	13.6	2.98	15.3	3.78
	27	7.7	1.45	8.5	1.63	10.2	2.09	11.1	2.35	11.9	2.62	13.6	3.21	15.3	4.07
	29	7.7	1.57	8.5	1.78	10.2	2.26	11.1	2.54	11.9	2.83	13.6	3.45	15.3	4.37
	31	7.7	1.70	8.5	1.92	10.2	2.45	11.1	2.74	11.9	3.05	13.6	3.72	15.3	4.70
	33	7.7	1.83	8.5	2.08	10.2	2.64	11.1	2.95	11.9	3.29	13.6	4.01	15.3	5.07
	35	7.7	1.97	8.5	2.24	10.2	2.84	11.1	3.18	11.9	3.53	13.6	4.30	15.3	5.44
37	7.7	2.13	8.5	2.42	10.2	3.06	11.1	3.41	11.9	3.80	13.6	4.63	15.3	5.83	
39	7.7	2.30	8.5	2.60	10.2	3.30	11.1	3.68	11.9	4.09	13.6	4.97	14.7	5.87	
41	7.7	2.48	8.5	2.81	10.2	3.55	11.1	3.96	11.9	4.39	13.6	5.35	14.3	5.88	
43	7.7	2.67	8.5	3.03	10.2	3.83	11.1	4.26	11.9	4.73	13.6	5.73	13.9	5.88	
45	7.7	2.89	8.5	3.27	10.2	4.12	11.1	4.59	11.9	5.10	12.5	5.28	12.6	5.15	
48	7.7	3.24	8.5	3.67	9.9	4.42	10.1	4.44	10.3	4.35	10.4	4.11	10.6	4.01	
50	7.7	3.51	8.2	3.77	8.7	3.79	8.7	3.63	8.7	3.53	9.1	3.43	9.1	3.31	
52	6.8	3.20	7.0	3.17	7.2	3.07	7.3	2.95	7.5	2.95	7.4	2.61	7.8	2.71	
80%	-15	6.8	0.62	7.6	0.71	9.1	0.84	9.8	0.92	10.6	1.00	12.1	1.18	13.6	1.36
	-12	6.8	0.63	7.6	0.71	9.1	0.85	9.8	0.92	10.6	1.02	12.1	1.19	13.6	1.38
	-10	6.8	0.64	7.6	0.72	9.1	0.87	9.8	0.95	10.6	1.03	12.1	1.20	13.6	1.39
	-8	6.8	0.64	7.6	0.72	9.1	0.89	9.8	0.98	10.6	1.05	12.1	1.21	13.6	1.58
	-5	6.8	0.64	7.6	0.72	9.1	0.90	9.8	0.98	10.6	1.06	12.1	1.24	13.6	1.64
	-2	6.8	0.66	7.6	0.73	9.1	0.90	9.8	0.99	10.6	1.07	12.1	1.36	13.6	1.68
	0	6.8	0.66	7.6	0.73	9.1	0.91	9.8	0.99	10.6	1.08	12.1	1.37	13.6	1.80
	2	6.8	0.67	7.6	0.74	9.1	0.92	9.8	1.00	10.6	1.22	12.1	1.40	13.6	1.81
	4	6.8	0.68	7.6	0.75	9.1	0.92	9.8	1.14	10.6	1.23	12.1	1.41	13.6	1.82
	6	6.8	0.68	7.6	0.77	9.1	0.98	9.8	1.14	10.6	1.24	12.1	1.42	13.6	1.83
	8	6.8	0.69	7.6	0.82	9.1	1.01	9.8	1.15	10.6	1.25	12.1	1.43	13.6	1.85
	10	6.8	0.76	7.6	0.87	9.1	1.04	9.8	1.16	10.6	1.26	12.1	1.48	13.6	1.90
	12	6.8	0.76	7.6	0.87	9.1	1.05	9.8	1.18	10.6	1.30	12.1	1.56	13.6	1.92
	14	6.8	0.78	7.6	0.88	9.1	1.10	9.8	1.20	10.6	1.33	12.1	1.57	13.6	2.01
	16	6.8	0.80	7.6	0.88	9.1	1.11	9.8	1.23	10.6	1.36	12.1	1.65	13.6	2.14
	18	6.8	0.81	7.6	0.91	9.1	1.14	9.8	1.30	10.6	1.45	12.1	1.80	13.6	2.34
	20	6.8	0.91	7.6	1.01	9.1	1.26	9.8	1.42	10.6	1.61	12.1	1.98	13.6	2.54
	21	6.8	0.96	7.6	1.07	9.1	1.33	9.8	1.51	10.6	1.69	12.1	2.07	13.6	2.64
	23	6.8	1.06	7.6	1.18	9.1	1.47	9.8	1.66	10.6	1.85	12.1	2.25	13.6	2.86
	25	6.8	1.16	7.6	1.29	9.1	1.61	9.8	1.81	10.6	2.01	12.1	2.45	13.6	3.09
	27	6.8	1.27	7.6	1.41	9.1	1.76	9.8	1.97	10.6	2.18	12.1	2.64	13.6	3.33
	29	6.8	1.38	7.6	1.53	9.1	1.91	9.8	2.13	10.6	2.36	12.1	2.86	13.6	3.58
	31	6.8	1.49	7.6	1.65	9.1	2.07	9.8	2.30	10.6	2.55	12.1	3.08	13.6	3.85
	33	6.8	1.60	7.6	1.79	9.1	2.23	9.8	2.49	10.6	2.75	12.1	3.32	13.6	4.14
	35	6.8	1.73	7.6	1.92	9.1	2.41	9.8	2.67	10.6	2.96	12.1	3.57	13.6	4.44
37	6.8	1.86	7.6	2.07	9.1	2.59	9.8	2.89	10.6	3.18	12.1	3.83	13.6	4.77	
39	6.8	2.00	7.6	2.23	9.1	2.79	9.8	3.11	10.6	3.43	12.1	4.12	13.6	5.12	
41	6.8	2.14	7.6	2.41	9.1	3.01	9.8	3.35	10.6	3.69	12.1	4.44	13.6	5.51	
43	6.8	2.30	7.6	2.60	9.1	3.24	9.8	3.60	10.6	3.97	12.1	4.79	13.3	5.76	
45	6.8	2.49	7.6	2.81	9.1	3.50	9.8	3.89	10.6	4.29	12.1	5.15	12.5	5.35	
48	6.8	2.80	7.6	3.16	9.1	3.93	9.8	4.35	10.1	4.47	10.3	4.26	10.4	4.10	
50	6.8	3.04	7.6	3.42	8.5	3.86	8.6	3.79	8.7	3.69	8.8	3.42	9.0	3.43	
52	6.4	3.07	6.9	3.21	7.1	3.06	7.3	3.07	7.5	3.07	7.4	2.72	7.4	2.61	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.25: MV8M-120WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-15	6.0	0.54	6.6	0.60	7.9	0.73	8.6	0.80	9.3	0.86	10.6	1.00	11.9	1.16
	-12	6.0	0.55	6.6	0.61	7.9	0.73	8.6	0.81	9.3	0.86	10.6	1.02	11.9	1.18
	-10	6.0	0.55	6.6	0.62	7.9	0.75	8.6	0.82	9.3	0.88	10.6	1.04	11.9	1.18
	-8	6.0	0.56	6.6	0.63	7.9	0.76	8.6	0.82	9.3	0.90	10.6	1.04	11.9	1.20
	-5	6.0	0.56	6.6	0.63	7.9	0.76	8.6	0.83	9.3	0.90	10.6	1.06	11.9	1.22
	-2	6.0	0.58	6.6	0.64	7.9	0.77	8.6	0.83	9.3	0.91	10.6	1.06	11.9	1.39
	0	6.0	0.58	6.6	0.64	7.9	0.77	8.6	0.85	9.3	0.92	10.6	1.08	11.9	1.42
	2	6.0	0.58	6.6	0.64	7.9	0.77	8.6	0.86	9.3	0.94	10.6	1.19	11.9	1.44
	4	6.0	0.59	6.6	0.66	7.9	0.79	8.6	0.87	9.3	0.96	10.6	1.20	11.9	1.44
	6	6.0	0.60	6.6	0.66	7.9	0.81	8.6	0.92	9.3	0.99	10.6	1.20	11.9	1.46
	8	6.0	0.61	6.6	0.69	7.9	0.88	8.6	0.95	9.3	1.00	10.6	1.22	11.9	1.51
	10	6.0	0.62	6.6	0.71	7.9	0.92	8.6	0.97	9.3	1.02	10.6	1.23	11.9	1.56
	12	6.0	0.62	6.6	0.71	7.9	0.92	8.6	0.98	9.3	1.07	10.6	1.26	11.9	1.58
	14	6.0	0.63	6.6	0.73	7.9	0.93	8.6	1.00	9.3	1.12	10.6	1.30	11.9	1.60
	16	6.0	0.64	6.6	0.75	7.9	0.94	8.6	1.01	9.3	1.13	10.6	1.33	11.9	1.72
	18	6.0	0.68	6.6	0.76	7.9	0.95	8.6	1.04	9.3	1.16	10.6	1.42	11.9	1.84
	20	6.0	0.78	6.6	0.87	7.9	1.05	8.6	1.16	9.3	1.28	10.6	1.58	11.9	2.01
	21	6.0	0.83	6.6	0.91	7.9	1.11	8.6	1.22	9.3	1.36	10.6	1.65	11.9	2.11
	23	6.0	0.92	6.6	1.02	7.9	1.23	8.6	1.35	9.3	1.49	10.6	1.81	11.9	2.29
	25	6.0	1.01	6.6	1.11	7.9	1.35	8.6	1.48	9.3	1.64	10.6	1.97	11.9	2.48
	27	6.0	1.10	6.6	1.22	7.9	1.47	8.6	1.62	9.3	1.79	10.6	2.15	11.9	2.67
	29	6.0	1.20	6.6	1.32	7.9	1.59	8.6	1.76	9.3	1.94	10.6	2.32	11.9	2.88
	31	6.0	1.29	6.6	1.43	7.9	1.72	8.6	1.90	9.3	2.10	10.6	2.51	11.9	3.11
	33	6.0	1.39	6.6	1.54	7.9	1.86	8.6	2.06	9.3	2.27	10.6	2.71	11.9	3.34
35	6.0	1.50	6.6	1.66	7.9	2.01	8.6	2.22	9.3	2.45	10.6	2.92	11.9	3.60	
37	6.0	1.61	6.6	1.78	7.9	2.16	8.6	2.40	9.3	2.64	10.6	3.14	11.9	3.87	
39	6.0	1.73	6.6	1.91	7.9	2.33	8.6	2.59	9.3	2.84	10.6	3.38	11.9	4.16	
41	6.0	1.86	6.6	2.06	7.9	2.52	8.6	2.79	9.3	3.06	10.6	3.64	11.9	4.48	
43	6.0	2.00	6.6	2.21	7.9	2.72	8.6	3.01	9.3	3.30	10.6	3.92	11.9	4.81	
45	6.0	2.15	6.6	2.38	7.9	2.94	8.6	3.25	9.3	3.56	10.6	4.24	11.9	5.17	
48	6.0	2.40	6.6	2.68	7.9	3.30	8.6	3.65	9.3	3.99	10.2	4.48	10.3	4.35	
50	6.0	2.60	6.6	2.91	7.9	3.58	8.4	3.81	8.6	3.83	8.8	3.64	8.9	3.53	
52	6.0	2.82	6.4	3.05	7.0	3.20	7.1	3.12	7.2	3.07	7.3	2.83	7.3	2.72	
60%	-15	5.1	0.46	5.7	0.51	6.8	0.61	7.4	0.68	7.9	0.73	9.1	0.83	10.2	0.96
	-12	5.1	0.46	5.7	0.52	6.8	0.63	7.4	0.69	7.9	0.74	9.1	0.84	10.2	0.97
	-10	5.1	0.47	5.7	0.52	6.8	0.63	7.4	0.69	7.9	0.74	9.1	0.85	10.2	0.98
	-8	5.1	0.48	5.7	0.53	6.8	0.64	7.4	0.69	7.9	0.75	9.1	0.87	10.2	0.98
	-5	5.1	0.48	5.7	0.54	6.8	0.64	7.4	0.71	7.9	0.75	9.1	0.88	10.2	1.00
	-2	5.1	0.48	5.7	0.54	6.8	0.65	7.4	0.71	7.9	0.76	9.1	0.88	10.2	1.01
	0	5.1	0.49	5.7	0.55	6.8	0.66	7.4	0.71	7.9	0.76	9.1	0.89	10.2	1.03
	2	5.1	0.50	5.7	0.57	6.8	0.66	7.4	0.72	7.9	0.77	9.1	0.90	10.2	1.15
	4	5.1	0.51	5.7	0.57	6.8	0.67	7.4	0.72	7.9	0.78	9.1	0.91	10.2	1.16
	6	5.1	0.51	5.7	0.58	6.8	0.67	7.4	0.74	7.9	0.80	9.1	1.00	10.2	1.16
	8	5.1	0.54	5.7	0.58	6.8	0.69	7.4	0.75	7.9	0.86	9.1	1.00	10.2	1.18
	10	5.1	0.56	5.7	0.59	6.8	0.70	7.4	0.80	7.9	0.90	9.1	1.03	10.2	1.23
	12	5.1	0.57	5.7	0.60	6.8	0.70	7.4	0.81	7.9	0.91	9.1	1.05	10.2	1.27
	14	5.1	0.58	5.7	0.60	6.8	0.73	7.4	0.81	7.9	0.91	9.1	1.06	10.2	1.28
	16	5.1	0.58	5.7	0.62	6.8	0.73	7.4	0.85	7.9	0.93	9.1	1.07	10.2	1.36
	18	5.1	0.62	5.7	0.65	6.8	0.77	7.4	0.86	7.9	0.93	9.1	1.09	10.2	1.40
	20	5.1	0.71	5.7	0.75	6.8	0.88	7.4	0.95	7.9	1.04	9.1	1.22	10.2	1.55
	21	5.1	0.74	5.7	0.79	6.8	0.93	7.4	1.01	7.9	1.10	9.1	1.28	10.2	1.64
	23	5.1	0.81	5.7	0.86	6.8	1.03	7.4	1.12	7.9	1.22	9.1	1.42	10.2	1.79
	25	5.1	0.88	5.7	0.95	6.8	1.13	7.4	1.23	7.9	1.33	9.1	1.56	10.2	1.95
	27	5.1	0.96	5.7	1.04	6.8	1.23	7.4	1.34	7.9	1.45	9.1	1.71	10.2	2.11
	29	5.1	1.04	5.7	1.13	6.8	1.34	7.4	1.46	7.9	1.58	9.1	1.85	10.2	2.29
	31	5.1	1.12	5.7	1.22	6.8	1.45	7.4	1.57	7.9	1.70	9.1	2.01	10.2	2.46
	33	5.1	1.20	5.7	1.31	6.8	1.56	7.4	1.69	7.9	1.84	9.1	2.17	10.2	2.66
35	5.1	1.29	5.7	1.41	6.8	1.68	7.4	1.83	7.9	1.99	9.1	2.35	10.2	2.86	
37	5.1	1.38	5.7	1.52	6.8	1.81	7.4	1.96	7.9	2.14	9.1	2.53	10.2	3.08	
39	5.1	1.48	5.7	1.63	6.8	1.94	7.4	2.11	7.9	2.31	9.1	2.73	10.2	3.31	
41	5.1	1.59	5.7	1.75	6.8	2.09	7.4	2.28	7.9	2.49	9.1	2.94	10.2	3.57	
43	5.1	1.71	5.7	1.88	6.8	2.25	7.4	2.46	7.9	2.69	9.1	3.17	10.2	3.84	
45	5.1	1.83	5.7	2.02	6.8	2.43	7.4	2.66	7.9	2.90	9.1	3.41	10.2	4.15	
48	5.1	2.05	5.7	2.26	6.8	2.73	7.4	3.00	7.9	3.27	9.1	3.84	9.8	4.37	
50	5.1	2.21	5.7	2.44	6.8	2.96	7.4	3.25	7.9	3.55	8.6	3.85	8.7	3.74	
52	5.1	2.39	5.7	2.65	6.6	3.12	6.9	3.22	7.1	3.19	7.2	3.01	7.4	2.95	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

Table2-8.27: MV8M-120WV2N8 cooling capacity(continued)

CR	Outdoor air temp. (°CDB)	Indoor air temp. (°C DB/WD)													
		20.8/14		23.3/16		25.8/18		27/19		28.2/20		30.7/22		32/24	
		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
50%	-15	4.3	0.39	4.7	0.42	5.7	0.51	6.2	0.55	6.6	0.59	7.6	0.70	8.5	0.78
	-12	4.3	0.39	4.7	0.43	5.7	0.51	6.2	0.56	6.6	0.61	7.6	0.70	8.5	0.79
	-10	4.3	0.39	4.7	0.44	5.7	0.52	6.2	0.56	6.6	0.61	7.6	0.71	8.5	0.79
	-8	4.3	0.40	4.7	0.44	5.7	0.53	6.2	0.58	6.6	0.62	7.6	0.71	8.5	0.79
	-5	4.3	0.40	4.7	0.44	5.7	0.53	6.2	0.59	6.6	0.62	7.6	0.71	8.5	0.80
	-2	4.3	0.41	4.7	0.44	5.7	0.54	6.2	0.60	6.6	0.63	7.6	0.72	8.5	0.81
	0	4.3	0.41	4.7	0.45	5.7	0.54	6.2	0.60	6.6	0.63	7.6	0.73	8.5	0.82
	2	4.3	0.42	4.7	0.46	5.7	0.55	6.2	0.60	6.6	0.65	7.6	0.73	8.5	0.83
	4	4.3	0.43	4.7	0.49	5.7	0.56	6.2	0.61	6.6	0.65	7.6	0.74	8.5	0.86
	6	4.3	0.44	4.7	0.50	5.7	0.57	6.2	0.61	6.6	0.66	7.6	0.76	8.5	0.92
	8	4.3	0.46	4.7	0.51	5.7	0.58	6.2	0.62	6.6	0.66	7.6	0.77	8.5	0.96
	10	4.3	0.48	4.7	0.52	5.7	0.59	6.2	0.63	6.6	0.67	7.6	0.79	8.5	0.96
	12	4.3	0.53	4.7	0.54	5.7	0.60	6.2	0.63	6.6	0.69	7.6	0.81	8.5	1.00
	14	4.3	0.53	4.7	0.56	5.7	0.61	6.2	0.65	6.6	0.70	7.6	0.82	8.5	1.00
	16	4.3	0.54	4.7	0.57	5.7	0.63	6.2	0.68	6.6	0.70	7.6	0.83	8.5	1.01
	18	4.3	0.56	4.7	0.59	5.7	0.64	6.2	0.71	6.6	0.75	7.6	0.86	8.5	1.05
	20	4.3	0.64	4.7	0.68	5.7	0.74	6.2	0.77	6.6	0.84	7.6	0.96	8.5	1.17
	21	4.3	0.66	4.7	0.71	5.7	0.78	6.2	0.82	6.6	0.89	7.6	1.01	8.5	1.23
	23	4.3	0.70	4.7	0.75	5.7	0.85	6.2	0.91	6.6	0.98	7.6	1.12	8.5	1.35
	25	4.3	0.76	4.7	0.81	5.7	0.93	6.2	1.01	6.6	1.08	7.6	1.24	8.5	1.48
	27	4.3	0.83	4.7	0.88	5.7	1.02	6.2	1.10	6.6	1.18	7.6	1.35	8.5	1.62
29	4.3	0.89	4.7	0.96	5.7	1.11	6.2	1.19	6.6	1.29	7.6	1.47	8.5	1.76	
31	4.3	0.96	4.7	1.04	5.7	1.20	6.2	1.30	6.6	1.39	7.6	1.59	8.5	1.91	
33	4.3	1.03	4.7	1.12	5.7	1.30	6.2	1.40	6.6	1.50	7.6	1.72	8.5	2.05	
35	4.3	1.10	4.7	1.20	5.7	1.39	6.2	1.51	6.6	1.61	7.6	1.85	8.5	2.22	
37	4.3	1.18	4.7	1.29	5.7	1.50	6.2	1.62	6.6	1.73	7.6	1.99	8.5	2.39	
39	4.3	1.27	4.7	1.38	5.7	1.61	6.2	1.74	6.6	1.87	7.6	2.13	8.5	2.58	
41	4.3	1.35	4.7	1.47	5.7	1.73	6.2	1.86	6.6	2.00	7.6	2.30	8.5	2.78	
43	4.3	1.45	4.7	1.57	5.7	1.85	6.2	2.00	6.6	2.16	7.6	2.49	8.5	3.00	
45	4.3	1.55	4.7	1.69	5.7	1.99	6.2	2.15	6.6	2.32	7.6	2.69	8.5	3.23	
48	4.3	1.72	4.7	1.88	5.7	2.23	6.2	2.42	6.6	2.61	7.6	3.03	8.5	3.63	
50	4.3	1.84	4.7	2.02	5.7	2.41	6.2	2.62	6.6	2.83	7.6	3.28	8.2	3.74	
52	4.3	1.99	4.7	2.18	5.7	2.61	6.2	2.84	6.6	3.08	7.1	3.21	7.2	3.12	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

Shaded cells indicate rating condition.

8.2 Heating Capacity Tables

Table 2-7.6: MV8M-80WV2N8 heating capacity

CR	Outdoor air temp.		Indoor air temp. °C DB											
			16.0		18.0		20.0		21.0		22.0		24.0	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-19.8	-20.0	6.2	2.66	6.2	2.77	6.2	2.86	6.1	2.91	6.1	2.96	6.0	3.04
	-18.8	-19.0	6.5	2.71	6.4	2.81	6.4	2.91	6.4	2.96	6.3	3.00	6.2	3.09
	-16.7	-17.0	6.9	2.79	6.9	2.90	6.8	3.00	6.8	3.05	6.8	3.09	6.7	3.18
	-13.7	-15.0	7.4	2.88	7.3	2.99	7.3	3.09	7.3	3.13	7.2	3.18	7.1	3.27
	-11.8	-13.0	7.8	2.97	7.8	3.07	7.7	3.17	7.7	3.22	7.7	3.27	7.6	3.36
	-9.8	-11.0	8.3	3.05	8.2	3.16	8.2	3.26	8.2	3.31	8.1	3.36	8.0	3.45
	-9.5	-10.0	8.5	3.09	8.5	3.20	8.4	3.30	8.4	3.35	8.3	3.40	8.3	3.50
	-8.5	-9.1	8.7	3.13	8.7	3.24	8.6	3.34	8.6	3.39	8.5	3.44	8.5	3.54
	-7.0	-7.6	9.1	3.19	9.0	3.30	9.0	3.41	8.9	3.46	8.9	3.51	8.8	3.61
	-5.0	-5.6	9.6	3.28	9.5	3.39	9.4	3.49	9.4	3.54	9.4	3.60	9.3	3.70
	-3.0	-3.7	10.0	3.36	10.0	3.47	9.9	3.57	9.9	3.63	9.8	3.68	9.9	3.85
	0.0	-0.7	10.8	3.48	10.7	3.60	10.6	3.71	10.6	3.76	10.5	3.82	9.9	3.52
	3.0	2.2	11.5	3.61	11.5	3.73	11.4	3.84	11.3	3.78	10.8	3.60	9.9	3.27
	5.0	4.1	12.1	3.70	12.0	3.81	11.7	3.75	11.3	3.57	10.8	3.41	9.9	3.12
	7.0	6.0	12.6	3.79	12.6	3.89	11.7	3.54	11.3	3.39	10.8	3.25	9.9	2.97
9.0	7.9	13.1	3.88	12.6	3.67	11.7	3.37	11.3	3.23	10.8	3.09	9.9	2.83	
11.0	9.8	13.5	3.79	12.6	3.47	11.7	3.20	11.3	3.06	10.8	2.94	9.9	2.68	
13.0	11.8	13.5	3.55	12.6	3.28	11.7	3.02	11.3	2.90	10.8	2.77	9.9	2.53	
15.0	13.7	13.5	3.36	12.6	3.11	11.7	2.86	11.3	2.74	10.8	2.62	9.9	2.38	
120%	-19.8	-20.0	6.2	2.67	6.2	2.77	6.1	2.87	6.1	2.91	6.1	2.96	6.0	3.04
	-18.8	-19.0	6.4	2.72	6.4	2.82	6.4	2.92	6.3	2.96	6.3	3.00	6.2	3.09
	-16.7	-17.0	6.9	2.81	6.9	2.91	6.8	3.01	6.8	3.05	6.7	3.10	6.7	3.19
	-13.7	-15.0	7.3	2.90	7.3	3.00	7.2	3.10	7.2	3.15	7.2	3.19	7.1	3.28
	-11.8	-13.0	7.8	2.99	7.7	3.09	7.7	3.19	7.6	3.24	7.6	3.28	7.5	3.38
	-9.8	-11.0	8.2	3.07	8.2	3.18	8.1	3.28	8.1	3.33	8.1	3.37	8.0	3.47
	-9.5	-10.0	8.5	3.12	8.4	3.22	8.4	3.32	8.3	3.37	8.3	3.42	8.2	3.52
	-8.5	-9.1	8.7	3.16	8.6	3.26	8.6	3.36	8.5	3.41	8.5	3.46	8.4	3.56
	-7.0	-7.6	9.0	3.22	9.0	3.33	8.9	3.43	8.9	3.48	8.8	3.53	8.7	3.63
	-5.0	-5.6	9.5	3.31	9.4	3.41	9.4	3.52	9.3	3.57	9.3	3.62	9.1	3.63
	-3.0	-3.7	10.0	3.39	9.9	3.50	9.8	3.61	9.8	3.66	9.7	3.71	9.1	3.43
	0.0	-0.7	10.7	3.52	10.6	3.64	10.6	3.75	10.4	3.66	10.0	3.48	9.1	3.18
	3.0	2.2	11.5	3.66	11.6	3.85	10.8	3.51	10.4	3.36	10.0	3.23	9.1	2.96
	5.0	4.1	12.0	3.75	11.6	3.64	10.8	3.34	10.4	3.20	10.0	3.07	9.1	2.82
	7.0	6.0	12.5	3.74	11.6	3.43	10.8	3.18	10.4	3.05	10.0	2.93	9.1	2.68
9.0	7.9	12.5	3.53	11.6	3.26	10.8	3.02	10.4	2.90	10.0	2.78	9.1	2.54	
11.0	9.8	12.5	3.34	11.6	3.10	10.8	2.86	10.4	2.74	10.0	2.63	9.1	2.40	
13.0	11.8	12.5	3.16	11.6	2.92	10.8	2.70	10.4	2.58	10.0	2.48	9.1	2.26	
15.0	13.7	12.5	2.98	11.6	2.76	10.8	2.54	10.4	2.44	10.0	2.33	9.1	2.14	
110%	-19.8	-20.0	6.2	2.69	6.1	2.79	6.1	2.88	6.1	2.92	6.0	2.97	5.9	3.05
	-18.8	-19.0	6.4	2.74	6.4	2.84	6.3	2.93	6.3	2.97	6.2	3.02	6.2	3.10
	-16.7	-17.0	6.9	2.83	6.8	2.93	6.8	3.02	6.7	3.07	6.7	3.11	6.6	3.20
	-13.7	-15.0	7.3	2.92	7.2	3.02	7.2	3.12	7.2	3.16	7.1	3.21	7.0	3.30
	-11.8	-13.0	7.7	3.01	7.7	3.12	7.6	3.21	7.6	3.26	7.6	3.30	7.5	3.40
	-9.8	-11.0	8.2	3.11	8.1	3.21	8.1	3.30	8.0	3.35	8.0	3.40	7.9	3.49
	-9.5	-10.0	8.4	3.15	8.4	3.25	8.3	3.35	8.3	3.40	8.2	3.45	8.1	3.54
	-8.5	-9.1	8.6	3.19	8.6	3.29	8.5	3.39	8.5	3.44	8.4	3.49	8.4	3.57
	-7.0	-7.6	9.0	3.26	8.9	3.36	8.8	3.46	8.8	3.51	8.8	3.56	8.4	3.41
	-5.0	-5.6	9.5	3.35	9.4	3.45	9.3	3.56	9.3	3.61	9.1	3.55	8.4	3.22
	-3.0	-3.7	9.9	3.44	9.8	3.54	9.9	3.69	9.5	3.52	9.1	3.35	8.4	3.08
	0.0	-0.7	10.6	3.58	10.7	3.69	9.9	3.37	9.5	3.23	9.1	3.11	8.4	2.86
	3.0	2.2	11.4	3.67	10.7	3.37	9.9	3.13	9.5	3.01	9.1	2.89	8.4	2.66
	5.0	4.1	11.4	3.46	10.7	3.21	9.9	2.98	9.5	2.87	9.1	2.75	8.4	2.53
	7.0	6.0	11.4	3.27	10.7	3.05	9.9	2.83	9.5	2.72	9.1	2.61	8.4	2.39
9.0	7.9	11.4	3.11	10.7	2.90	9.9	2.68	9.5	2.58	9.1	2.47	8.4	2.27	
11.0	9.8	11.4	2.95	10.7	2.74	9.9	2.54	9.5	2.44	9.1	2.34	8.4	2.14	
13.0	11.8	11.4	2.78	10.7	2.58	9.9	2.39	9.5	2.29	9.1	2.20	8.4	2.02	
15.0	13.7	11.4	2.62	10.7	2.43	9.9	2.24	9.5	2.16	9.1	2.07	8.4	1.91	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

1. Shaded cells indicate rating condition.

Table continued on next page ...

Table 2-7.6: MV8M-80WV2N8 heating capacity (continued)

CR	Outdoor air temp.		Indoor air temp. °C DB											
			16.0		18.0		20.0		21.0		22.0		24.0	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-19.8	-20.0	6.2	2.72	6.1	2.81	6.0	2.90	6.0	2.94	6.0	2.98	5.9	3.06
	-18.8	-19.0	6.4	2.77	6.3	2.86	6.3	2.95	6.2	2.99	6.2	3.03	6.1	3.12
	-16.7	-17.0	6.8	2.86	6.8	2.96	6.7	3.05	6.7	3.09	6.6	3.13	6.5	3.22
	-13.7	-15.0	7.3	2.96	7.2	3.05	7.1	3.15	7.1	3.19	7.0	3.24	7.0	3.32
	-11.8	-13.0	7.7	3.05	7.6	3.15	7.6	3.24	7.5	3.29	7.5	3.34	7.4	3.43
	-9.8	-11.0	8.1	3.15	8.1	3.25	8.0	3.34	8.0	3.39	7.9	3.44	7.6	3.32
	-9.5	-10.0	8.4	3.20	8.3	3.29	8.2	3.39	8.2	3.44	8.3	3.56	7.6	3.22
	-8.5	-9.1	8.6	3.24	8.5	3.34	8.4	3.44	8.4	3.48	8.3	3.46	7.6	3.14
	-7.0	-7.6	8.9	3.31	8.8	3.41	8.8	3.51	8.7	3.46	8.3	3.30	7.6	3.03
	-5.0	-5.6	9.4	3.41	9.3	3.51	9.0	3.41	8.7	3.25	8.3	3.12	7.6	2.89
	-3.0	-3.7	9.8	3.50	9.7	3.51	9.0	3.21	8.7	3.10	8.3	2.98	7.6	2.76
	0.0	-0.7	10.4	3.47	9.7	3.20	9.0	2.99	8.7	2.88	8.3	2.77	7.6	2.56
	3.0	2.2	10.4	3.19	9.7	2.98	9.0	2.78	8.7	2.67	8.3	2.57	7.6	2.37
	5.0	4.1	10.4	3.03	9.7	2.83	9.0	2.64	8.7	2.54	8.3	2.44	7.6	2.25
	7.0	6.0	10.4	2.88	9.7	2.69	9.0	2.50	8.7	2.40	8.3	2.31	7.6	2.12
9.0	7.9	10.4	2.73	9.7	2.54	9.0	2.36	8.7	2.28	8.3	2.18	7.6	2.02	
11.0	9.8	10.4	2.58	9.7	2.40	9.0	2.23	8.7	2.14	8.3	2.06	7.6	1.91	
13.0	11.8	10.4	2.42	9.7	2.26	9.0	2.09	8.7	2.02	8.3	1.94	7.6	1.80	
15.0	13.7	10.4	2.27	9.7	2.11	9.0	1.97	8.7	1.90	8.3	1.83	7.6	1.69	
90%	-19.8	-20.0	6.1	2.75	6.1	2.84	6.0	2.93	5.9	2.97	5.9	3.01	5.8	3.09
	-18.8	-19.0	6.3	2.80	6.3	2.89	6.2	2.98	6.2	3.02	6.1	3.06	6.0	3.14
	-16.7	-17.0	6.8	2.90	6.7	3.00	6.6	3.08	6.6	3.13	6.5	3.17	6.5	3.25
	-13.7	-15.0	7.2	3.01	7.1	3.10	7.1	3.19	7.0	3.23	7.0	3.27	6.9	3.30
	-11.8	-13.0	7.6	3.11	7.6	3.20	7.5	3.29	7.4	3.34	7.5	3.39	6.9	3.08
	-9.8	-11.0	8.1	3.21	8.0	3.30	7.9	3.39	7.8	3.33	7.5	3.18	6.9	2.93
	-9.5	-10.0	8.3	3.26	8.2	3.35	8.1	3.37	7.8	3.22	7.5	3.08	6.9	2.86
	-8.5	-9.1	8.5	3.30	8.4	3.40	8.1	3.27	7.8	3.12	7.5	3.01	6.9	2.79
	-7.0	-7.6	8.8	3.38	8.7	3.40	8.1	3.12	7.8	3.01	7.5	2.91	6.9	2.69
	-5.0	-5.6	9.3	3.46	8.7	3.19	8.1	2.97	7.8	2.87	7.5	2.77	6.9	2.56
	-3.0	-3.7	9.3	3.26	8.7	3.04	8.1	2.84	7.8	2.74	7.5	2.64	6.9	2.44
	0.0	-0.7	9.3	3.00	8.7	2.82	8.1	2.63	7.8	2.54	7.5	2.44	6.9	2.26
	3.0	2.2	9.3	2.78	8.7	2.61	8.1	2.43	7.8	2.35	7.5	2.26	6.9	2.09
	5.0	4.1	9.3	2.64	8.7	2.48	8.1	2.31	7.8	2.22	7.5	2.14	6.9	1.99
	7.0	6.0	9.3	2.51	8.7	2.34	8.1	2.18	7.8	2.10	7.5	2.02	6.9	1.88
9.0	7.9	9.3	2.37	8.7	2.21	8.1	2.06	7.8	1.99	7.5	1.93	6.9	1.79	
11.0	9.8	9.3	2.23	8.7	2.08	8.1	1.94	7.8	1.88	7.5	1.81	6.9	1.68	
13.0	11.8	9.3	2.08	8.7	1.95	8.1	1.83	7.8	1.77	7.5	1.70	6.9	1.57	
15.0	13.7	9.3	1.95	8.7	1.83	8.1	1.72	7.8	1.66	7.5	1.60	6.9	1.48	
80%	-19.8	-20.0	6.1	2.80	6.0	2.89	5.9	2.97	5.9	3.01	5.8	3.05	5.7	3.13
	-18.8	-19.0	6.3	2.85	6.2	2.94	6.1	3.02	6.1	3.06	6.0	3.10	5.9	3.19
	-16.7	-17.0	6.7	2.96	6.6	3.05	6.5	3.13	6.5	3.17	6.5	3.22	6.1	3.04
	-13.7	-15.0	7.1	3.07	7.0	3.16	7.0	3.24	6.9	3.24	6.6	3.10	6.1	2.86
	-11.8	-13.0	7.6	3.17	7.5	3.26	7.2	3.16	6.9	3.02	6.6	2.91	6.1	2.71
	-9.8	-11.0	8.0	3.28	7.8	3.21	7.2	2.97	6.9	2.87	6.6	2.77	6.1	2.58
	-9.5	-10.0	8.3	3.36	7.8	3.10	7.2	2.90	6.9	2.80	6.6	2.71	6.1	2.52
	-8.5	-9.1	8.3	3.26	7.8	3.02	7.2	2.83	6.9	2.74	6.6	2.65	6.1	2.46
	-7.0	-7.6	8.3	3.11	7.8	2.91	7.2	2.73	6.9	2.64	6.6	2.55	6.1	2.37
	-5.0	-5.6	8.3	2.94	7.8	2.77	7.2	2.60	6.9	2.51	6.6	2.43	6.1	2.25
	-3.0	-3.7	8.3	2.81	7.8	2.64	7.2	2.48	6.9	2.39	6.6	2.31	6.1	2.14
	0.0	-0.7	8.3	2.60	7.8	2.44	7.2	2.29	6.9	2.21	6.6	2.13	6.1	1.99
	3.0	2.2	8.3	2.40	7.8	2.26	7.2	2.11	6.9	2.04	6.6	1.98	6.1	1.85
	5.0	4.1	8.3	2.28	7.8	2.13	7.2	2.00	6.9	1.94	6.6	1.88	6.1	1.76
	7.0	6.0	8.3	2.15	7.8	2.02	7.2	1.89	6.9	1.83	6.6	1.76	6.1	1.65
9.0	7.9	8.3	2.02	7.8	1.90	7.2	1.79	6.9	1.74	6.6	1.68	6.1	1.55	
11.0	9.8	8.3	1.90	7.8	1.79	7.2	1.69	6.9	1.63	6.6	1.57	6.1	1.45	
13.0	11.8	8.3	1.78	7.8	1.68	7.2	1.58	6.9	1.52	6.6	1.47	6.1	1.36	
15.0	13.7	8.3	1.69	7.8	1.58	7.2	1.48	6.9	1.43	6.6	1.38	6.1	1.29	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

1. Shaded cells indicate rating condition.

Table continued on next page ...

Table 2-7.6: MV8M-80WV2N8 heating capacity (continued)

CR	Outdoor air temp.		Indoor air temp. °C DB											
			16.0		18.0		20.0		21.0		22.0		24.0	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-19.8	-20.0	6.0	2.86	5.9	2.95	5.8	3.02	5.8	3.06	5.8	3.14	5.3	2.88
	-18.8	-19.0	6.2	2.92	6.1	3.00	6.0	3.08	6.1	3.15	5.8	3.02	5.3	2.78
	-16.7	-17.0	6.6	3.04	6.5	3.12	6.3	3.04	6.1	2.92	5.8	2.81	5.3	2.63
	-13.7	-15.0	7.0	3.15	6.8	3.06	6.3	2.84	6.1	2.76	5.8	2.67	5.3	2.49
	-11.8	-13.0	7.3	3.08	6.8	2.87	6.3	2.70	6.1	2.62	5.8	2.53	5.3	2.37
	-9.8	-11.0	7.3	2.89	6.8	2.73	6.3	2.57	6.1	2.49	5.8	2.41	5.3	2.25
	-9.5	-10.0	7.3	2.82	6.8	2.66	6.3	2.51	6.1	2.43	5.8	2.35	5.3	2.19
	-8.5	-9.1	7.3	2.76	6.8	2.61	6.3	2.45	6.1	2.37	5.8	2.29	5.3	2.14
	-7.0	-7.6	7.3	2.66	6.8	2.51	6.3	2.36	6.1	2.28	5.8	2.21	5.3	2.06
	-5.0	-5.6	7.3	2.53	6.8	2.38	6.3	2.24	6.1	2.17	5.8	2.09	5.3	1.96
	-3.0	-3.7	7.3	2.41	6.8	2.27	6.3	2.13	6.1	2.06	5.8	1.99	5.3	1.87
	0.0	-0.7	7.3	2.22	6.8	2.09	6.3	1.97	6.1	1.91	5.8	1.85	5.3	1.73
	3.0	2.2	7.3	2.04	6.8	1.93	6.3	1.82	6.1	1.77	5.8	1.72	5.3	1.61
	5.0	4.1	7.3	1.93	6.8	1.83	6.3	1.73	6.1	1.68	5.8	1.63	5.3	1.53
	7.0	6.0	7.3	1.83	6.8	1.73	6.3	1.63	6.1	1.57	5.8	1.52	5.3	1.42
9.0	7.9	7.3	1.72	6.8	1.63	6.3	1.53	6.1	1.48	5.8	1.42	5.3	1.33	
11.0	9.8	7.3	1.61	6.8	1.52	6.3	1.43	6.1	1.38	5.8	1.33	5.3	1.24	
13.0	11.8	7.3	1.50	6.8	1.42	6.3	1.34	6.1	1.29	5.8	1.25	5.3	1.16	
15.0	13.7	7.3	1.41	6.8	1.33	6.3	1.25	6.1	1.22	5.8	1.18	5.3	1.10	
60%	-19.8	-20.0	5.9	2.95	5.8	3.01	5.4	2.80	5.2	2.71	5.0	2.63	4.6	2.47
	-18.8	-19.0	6.1	3.01	5.8	2.89	5.4	2.71	5.2	2.63	5.0	2.56	4.6	2.40
	-16.7	-17.0	6.2	2.87	5.8	2.71	5.4	2.56	5.2	2.49	5.0	2.42	4.6	2.26
	-13.7	-15.0	6.2	2.71	5.8	2.57	5.4	2.43	5.2	2.36	5.0	2.29	4.6	2.14
	-11.8	-13.0	6.2	2.57	5.8	2.44	5.4	2.30	5.2	2.24	5.0	2.17	4.6	2.03
	-9.8	-11.0	6.2	2.45	5.8	2.32	5.4	2.19	5.2	2.12	5.0	2.05	4.6	1.92
	-9.5	-10.0	6.2	2.38	5.8	2.26	5.4	2.13	5.2	2.07	5.0	2.00	4.6	1.88
	-8.5	-9.1	6.2	2.33	5.8	2.21	5.4	2.08	5.2	2.02	5.0	1.95	4.6	1.84
	-7.0	-7.6	6.2	2.24	5.8	2.12	5.4	2.00	5.2	1.94	5.0	1.88	4.6	1.77
	-5.0	-5.6	6.2	2.13	5.8	2.01	5.4	1.90	5.2	1.85	5.0	1.79	4.6	1.68
	-3.0	-3.7	6.2	2.02	5.8	1.91	5.4	1.81	5.2	1.76	5.0	1.71	4.6	1.61
	0.0	-0.7	6.2	1.86	5.8	1.77	5.4	1.68	5.2	1.63	5.0	1.58	4.6	1.49
	3.0	2.2	6.2	1.72	5.8	1.64	5.4	1.55	5.2	1.51	5.0	1.47	4.6	1.38
	5.0	4.1	6.2	1.63	5.8	1.55	5.4	1.47	5.2	1.43	5.0	1.39	4.6	1.31
	7.0	6.0	6.2	1.54	5.8	1.46	5.4	1.38	5.2	1.33	5.0	1.29	4.6	1.21
9.0	7.9	6.2	1.43	5.8	1.35	5.4	1.27	5.2	1.23	5.0	1.18	4.6	1.11	
11.0	9.8	6.2	1.33	5.8	1.26	5.4	1.19	5.2	1.15	5.0	1.11	4.6	1.04	
13.0	11.8	6.2	1.24	5.8	1.18	5.4	1.11	5.2	1.07	5.0	1.04	4.6	0.97	
15.0	13.7	6.2	1.17	5.8	1.11	5.4	1.04	5.2	1.01	5.0	0.99	4.6	0.95	
50%	-19.8	-20.0	5.2	2.58	4.8	2.46	4.5	2.34	4.3	2.28	4.2	2.22	3.8	2.09
	-18.8	-19.0	5.2	2.51	4.8	2.39	4.5	2.27	4.3	2.21	4.2	2.15	3.8	2.03
	-16.7	-17.0	5.2	2.37	4.8	2.26	4.5	2.15	4.3	2.09	4.2	2.03	3.8	1.91
	-13.7	-15.0	5.2	2.25	4.8	2.14	4.5	2.03	4.3	1.97	4.2	1.92	3.8	1.81
	-11.8	-13.0	5.2	2.13	4.8	2.03	4.5	1.92	4.3	1.87	4.2	1.82	3.8	1.72
	-9.8	-11.0	5.2	2.02	4.8	1.92	4.5	1.82	4.3	1.78	4.2	1.73	3.8	1.63
	-9.5	-10.0	5.2	1.97	4.8	1.87	4.5	1.78	4.3	1.73	4.2	1.68	3.8	1.59
	-8.5	-9.1	5.2	1.92	4.8	1.83	4.5	1.74	4.3	1.69	4.2	1.65	3.8	1.55
	-7.0	-7.6	5.2	1.85	4.8	1.76	4.5	1.68	4.3	1.63	4.2	1.59	3.8	1.50
	-5.0	-5.6	5.2	1.76	4.8	1.67	4.5	1.59	4.3	1.55	4.2	1.51	3.8	1.42
	-3.0	-3.7	5.2	1.67	4.8	1.59	4.5	1.52	4.3	1.48	4.2	1.44	3.8	1.36
	0.0	-0.7	5.2	1.54	4.8	1.47	4.5	1.40	4.3	1.36	4.2	1.33	3.8	1.26
	3.0	2.2	5.2	1.42	4.8	1.36	4.5	1.30	4.3	1.26	4.2	1.23	3.8	1.16
	5.0	4.1	5.2	1.35	4.8	1.29	4.5	1.23	4.3	1.20	4.2	1.16	3.8	1.10
	7.0	6.0	5.2	1.26	4.8	1.20	4.5	1.13	4.3	1.10	4.2	1.07	3.8	1.00
9.0	7.9	5.2	1.14	4.8	1.08	4.5	1.02	4.3	0.99	4.2	0.96	3.8	0.92	
11.0	9.8	5.2	1.07	4.8	1.01	4.5	0.96	4.3	0.93	4.2	0.92	3.8	0.88	
13.0	11.8	5.2	1.00	4.8	0.95	4.5	0.91	4.3	0.90	4.2	0.88	3.8	0.85	
15.0	13.7	5.2	0.94	4.8	0.90	4.5	0.88	4.3	0.87	4.2	0.86	3.8	0.82	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

1. Shaded cells indicate rating condition.

Table 2-7.7: MV8M-120WV2N8 heating capacity

CR	Outdoor air temp.		Indoor air temp. °C DB											
			16.0		18.0		20.0		21.0		22.0		24.0	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-19.8	-20.0	10.5	4.41	10.4	4.44	10.3	4.49	10.3	4.52	10.3	4.56	10.3	4.65
	-18.8	-19.0	10.8	4.42	10.7	4.46	10.7	4.52	10.6	4.56	10.6	4.60	10.6	4.69
	-16.7	-17.0	11.5	4.46	11.4	4.52	11.3	4.59	11.3	4.63	11.3	4.68	11.3	4.78
	-13.7	-15.0	12.2	4.52	12.1	4.59	12.0	4.67	12.0	4.72	12.0	4.77	11.9	4.89
	-11.8	-13.0	12.9	4.58	12.8	4.67	12.7	4.76	12.7	4.82	12.6	4.88	12.6	5.00
	-9.8	-11.0	13.6	4.66	13.5	4.76	13.4	4.87	13.4	4.93	13.3	4.99	13.3	5.13
	-9.5	-10.0	14.0	4.71	13.9	4.81	13.8	4.92	13.7	4.99	13.7	5.05	13.6	5.20
	-8.5	-9.1	14.3	4.75	14.2	4.85	14.1	4.98	14.1	5.04	14.0	5.11	13.9	5.26
	-7.0	-7.6	14.9	4.82	14.7	4.94	14.6	5.07	14.6	5.14	14.6	5.21	14.5	5.37
	-5.0	-5.6	15.6	4.93	15.5	5.06	15.4	5.20	15.3	5.28	15.3	5.35	15.4	5.56
	-3.0	-3.7	16.4	5.05	16.2	5.19	16.1	5.34	16.1	5.42	16.0	5.50	15.4	5.32
	0.0	-0.7	17.5	5.25	17.4	5.40	17.3	5.57	17.5	5.73	16.8	5.46	15.4	4.94
	3.0	2.2	18.7	5.47	18.6	5.64	18.2	5.59	17.5	5.32	16.8	5.07	15.4	4.58
	5.0	4.1	19.5	5.62	19.1	5.64	18.2	5.32	17.5	5.06	16.8	4.83	15.4	4.35
	7.0	6.0	20.1	5.64	19.6	5.54	18.2	5.05	17.5	4.81	16.8	4.58	15.4	4.12
9.0	7.9	21.0	5.75	19.6	5.27	18.2	4.80	17.5	4.56	16.8	4.34	15.4	3.90	
11.0	9.8	21.0	5.46	19.6	4.99	18.2	4.54	17.5	4.32	16.8	4.10	15.4	3.69	
13.0	11.8	21.0	5.17	19.6	4.71	18.2	4.27	17.5	4.07	16.8	3.85	15.4	3.47	
15.0	13.7	21.0	4.88	19.6	4.45	18.2	4.02	17.5	3.82	16.8	3.64	15.4	3.27	
120%	-19.8	-20.0	10.4	4.42	10.3	4.46	10.3	4.52	10.3	4.56	10.3	4.60	10.3	4.69
	-18.8	-19.0	10.7	4.44	10.7	4.49	10.6	4.56	10.6	4.59	10.6	4.64	10.6	4.74
	-16.7	-17.0	11.4	4.49	11.3	4.55	11.3	4.63	11.2	4.68	11.2	4.73	11.2	4.84
	-13.7	-15.0	12.1	4.55	12.0	4.63	11.9	4.72	11.9	4.77	11.9	4.83	11.9	4.95
	-11.8	-13.0	12.8	4.63	12.7	4.72	12.6	4.82	12.6	4.88	12.6	4.94	12.5	5.08
	-9.8	-11.0	13.5	4.72	13.4	4.82	13.3	4.94	13.3	5.00	13.3	5.07	13.2	5.22
	-9.5	-10.0	13.9	4.77	13.8	4.88	13.7	5.00	13.6	5.07	13.6	5.14	13.6	5.29
	-8.5	-9.1	14.2	4.81	14.1	4.93	14.0	5.06	14.0	5.13	13.9	5.20	13.9	5.36
	-7.0	-7.6	14.7	4.90	14.6	5.02	14.5	5.16	14.5	5.23	14.5	5.31	14.2	5.32
	-5.0	-5.6	15.5	5.02	15.4	5.15	15.3	5.30	15.2	5.38	15.5	5.58	14.2	5.07
	-3.0	-3.7	16.2	5.15	16.1	5.29	16.0	5.45	16.2	5.59	15.5	5.33	14.2	4.84
	0.0	-0.7	17.4	5.37	17.3	5.53	16.8	5.43	16.2	5.18	15.5	4.95	14.2	4.48
	3.0	2.2	18.6	5.61	18.1	5.50	16.8	5.04	16.2	4.81	15.5	4.59	14.2	4.14
	5.0	4.1	19.4	5.69	18.1	5.23	16.8	4.79	16.2	4.57	15.5	4.36	14.2	3.93
	7.0	6.0	19.4	5.42	18.1	4.98	16.8	4.54	16.2	4.33	15.5	4.13	14.2	3.72
9.0	7.9	19.4	5.14	18.1	4.72	16.8	4.30	16.2	4.10	15.5	3.91	14.2	3.54	
11.0	9.8	19.4	4.87	18.1	4.46	16.8	4.06	16.2	3.87	15.5	3.69	14.2	3.34	
13.0	11.8	19.4	4.60	18.1	4.20	16.8	3.82	16.2	3.64	15.5	3.48	14.2	3.14	
15.0	13.7	19.4	4.33	18.1	3.96	16.8	3.60	16.2	3.44	15.5	3.28	14.2	2.96	
110%	-19.8	-20.0	10.3	4.44	10.3	4.49	10.2	4.56	10.2	4.60	10.2	4.65	10.2	4.75
	-18.8	-19.0	10.6	4.47	10.6	4.52	10.5	4.60	10.5	4.64	10.5	4.69	10.6	4.80
	-16.7	-17.0	11.3	4.53	11.2	4.60	11.2	4.69	11.2	4.74	11.2	4.79	11.2	4.91
	-13.7	-15.0	12.0	4.60	11.9	4.68	11.9	4.79	11.8	4.84	11.8	4.90	11.8	5.04
	-11.8	-13.0	12.7	4.69	12.6	4.79	12.5	4.90	12.5	4.96	12.5	5.03	12.5	5.18
	-9.8	-11.0	13.4	4.79	13.3	4.90	13.2	5.03	13.2	5.10	13.2	5.17	13.0	5.22
	-9.5	-10.0	13.7	4.84	13.6	4.96	13.6	5.09	13.5	5.17	13.5	5.24	13.0	5.10
	-8.5	-9.1	14.1	4.90	14.0	5.02	13.9	5.16	13.9	5.23	13.8	5.31	13.0	5.00
	-7.0	-7.6	14.6	4.99	14.5	5.12	14.4	5.27	14.4	5.35	14.2	5.29	13.0	4.82
	-5.0	-5.6	15.3	5.13	15.2	5.27	15.4	5.50	14.8	5.27	14.2	5.04	13.0	4.59
	-3.0	-3.7	16.1	5.27	16.0	5.42	15.4	5.26	14.8	5.03	14.2	4.81	13.0	4.38
	0.0	-0.7	17.2	5.51	16.6	5.30	15.4	4.87	14.8	4.66	14.2	4.45	13.0	4.04
	3.0	2.2	17.8	5.32	16.6	4.92	15.4	4.51	14.8	4.31	14.2	4.12	13.0	3.73
	5.0	4.1	17.8	5.07	16.6	4.67	15.4	4.28	14.8	4.09	14.2	3.90	13.0	3.54
	7.0	6.0	17.8	4.81	16.6	4.43	15.4	4.05	14.8	3.88	14.2	3.69	13.0	3.36
9.0	7.9	17.8	4.55	16.6	4.19	15.4	3.84	14.8	3.66	14.2	3.50	13.0	3.19	
11.0	9.8	17.8	4.31	16.6	3.95	15.4	3.62	14.8	3.46	14.2	3.30	13.0	3.00	
13.0	11.8	17.8	4.05	16.6	3.71	15.4	3.41	14.8	3.26	14.2	3.11	13.0	2.82	
15.0	13.7	17.8	3.82	16.6	3.51	15.4	3.22	14.8	3.07	14.2	2.93	13.0	2.66	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

1. Shaded cells indicate rating condition.

Table continued on next page ...

Table 2-7.6: MV8M-120WV2N8 heating capacity (continued)

CR	Outdoor air temp.		Indoor air temp. °C DB											
			16.0		18.0		20.0		21.0		22.0		24.0	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	-19.8	-20.0	10.2	4.47	10.2	4.53	10.2	4.61	10.2	4.66	10.2	4.71	10.2	4.83
	-18.8	-19.0	10.6	4.50	10.5	4.57	10.5	4.66	10.5	4.71	10.5	4.76	10.5	4.89
	-16.7	-17.0	11.2	4.57	11.2	4.66	11.1	4.76	11.1	4.81	11.1	4.88	11.2	5.01
	-13.7	-15.0	11.9	4.66	11.8	4.76	11.8	4.87	11.8	4.93	11.8	5.00	11.8	5.16
	-11.8	-13.0	12.6	4.76	12.5	4.87	12.5	5.00	12.4	5.07	12.4	5.14	11.8	4.93
	-9.8	-11.0	13.3	4.88	13.2	5.00	13.1	5.14	13.1	5.22	12.9	5.15	11.8	4.70
	-9.5	-10.0	13.6	4.94	13.5	5.07	13.5	5.22	13.5	5.25	12.9	5.03	11.8	4.60
	-8.5	-9.1	13.9	5.00	13.9	5.14	14.0	5.36	13.5	5.14	12.9	4.92	11.8	4.50
	-7.0	-7.6	14.5	5.11	14.4	5.26	14.0	5.16	13.5	4.95	12.9	4.74	11.8	4.33
	-5.0	-5.6	15.2	5.26	15.1	5.33	14.0	4.92	13.5	4.71	12.9	4.51	11.8	4.12
	-3.0	-3.7	16.2	5.48	15.1	5.08	14.0	4.69	13.5	4.49	12.9	4.30	11.8	3.92
	0.0	-0.7	16.2	5.08	15.1	4.70	14.0	4.33	13.5	4.15	12.9	3.97	11.8	3.62
	3.0	2.2	16.2	4.71	15.1	4.35	14.0	4.01	13.5	3.83	12.9	3.66	11.8	3.34
	5.0	4.1	16.2	4.46	15.1	4.13	14.0	3.80	13.5	3.63	12.9	3.47	11.8	3.17
	7.0	6.0	16.2	4.23	15.1	3.90	14.0	3.59	13.5	3.44	12.9	3.30	11.8	3.00
9.0	7.9	16.2	4.00	15.1	3.69	14.0	3.40	13.5	3.26	12.9	3.12	11.8	2.85	
11.0	9.8	16.2	3.77	15.1	3.49	14.0	3.21	13.5	3.07	12.9	2.94	11.8	2.68	
13.0	11.8	16.2	3.54	15.1	3.28	14.0	3.02	13.5	2.89	12.9	2.76	11.8	2.52	
15.0	13.7	16.2	3.35	15.1	3.09	14.0	2.84	13.5	2.73	12.9	2.60	11.8	2.37	
90%	-19.8	-20.0	10.2	4.52	10.1	4.59	10.1	4.69	10.2	4.74	10.2	4.80	10.3	4.94
	-18.8	-19.0	10.5	4.56	10.5	4.64	10.5	4.74	10.5	4.80	10.5	4.86	10.7	5.05
	-16.7	-17.0	11.1	4.64	11.1	4.74	11.1	4.86	11.1	4.92	11.1	4.99	10.7	4.83
	-13.7	-15.0	11.8	4.75	11.7	4.86	11.7	4.99	11.7	5.06	11.6	5.03	10.7	4.62
	-11.8	-13.0	12.5	4.87	12.4	4.99	12.6	5.22	12.1	5.01	11.6	4.80	10.7	4.41
	-9.8	-11.0	13.1	5.00	13.1	5.14	12.6	4.98	12.1	4.78	11.6	4.58	10.7	4.20
	-9.5	-10.0	13.5	5.08	13.6	5.25	12.6	4.86	12.1	4.66	11.6	4.47	10.7	4.10
	-8.5	-9.1	13.8	5.15	13.6	5.13	12.6	4.75	12.1	4.56	11.6	4.37	10.7	4.01
	-7.0	-7.6	14.5	5.32	13.6	4.95	12.6	4.58	12.1	4.39	11.6	4.21	10.7	3.86
	-5.0	-5.6	14.5	5.06	13.6	4.70	12.6	4.35	12.1	4.17	11.6	4.00	10.7	3.66
	-3.0	-3.7	14.5	4.82	13.6	4.48	12.6	4.14	12.1	3.98	11.6	3.81	10.7	3.49
	0.0	-0.7	14.5	4.45	13.6	4.14	12.6	3.82	12.1	3.66	11.6	3.51	10.7	3.22
	3.0	2.2	14.5	4.12	13.6	3.82	12.6	3.53	12.1	3.38	11.6	3.24	10.7	2.97
	5.0	4.1	14.5	3.90	13.6	3.61	12.6	3.34	12.1	3.21	11.6	3.08	10.7	2.81
	7.0	6.0	14.5	3.69	13.6	3.42	12.6	3.16	12.1	3.04	11.6	2.91	10.7	2.66
9.0	7.9	14.5	3.49	13.6	3.24	12.6	2.99	12.1	2.87	11.6	2.75	10.7	2.52	
11.0	9.8	14.5	3.29	13.6	3.05	12.6	2.82	12.1	2.71	11.6	2.60	10.7	2.37	
13.0	11.8	14.5	3.09	13.6	2.87	12.6	2.65	12.1	2.54	11.6	2.44	10.7	2.23	
15.0	13.7	14.5	2.91	13.6	2.70	12.6	2.49	12.1	2.40	11.6	2.29	10.7	2.09	
80%	-19.8	-20.0	10.1	4.59	10.1	4.68	10.1	4.80	10.2	4.86	10.3	4.99	9.5	4.59
	-18.8	-19.0	10.4	4.64	10.4	4.74	10.5	4.86	10.5	4.93	10.3	4.88	9.5	4.49
	-16.7	-17.0	11.1	4.75	11.1	4.86	11.2	5.05	10.8	4.85	10.3	4.66	9.5	4.29
	-13.7	-15.0	11.7	4.88	11.7	5.01	11.2	4.81	10.8	4.63	10.3	4.45	9.5	4.09
	-11.8	-13.0	12.4	5.02	12.1	4.94	11.2	4.59	10.8	4.41	10.3	4.24	9.5	3.89
	-9.8	-11.0	12.9	5.05	12.1	4.71	11.2	4.37	10.8	4.20	10.3	4.04	9.5	3.71
	-9.5	-10.0	12.9	4.93	12.1	4.59	11.2	4.26	10.8	4.09	10.3	3.94	9.5	3.62
	-8.5	-9.1	12.9	4.82	12.1	4.48	11.2	4.17	10.8	4.00	10.3	3.85	9.5	3.53
	-7.0	-7.6	12.9	4.64	12.1	4.32	11.2	4.00	10.8	3.86	10.3	3.70	9.5	3.40
	-5.0	-5.6	12.9	4.40	12.1	4.10	11.2	3.80	10.8	3.66	10.3	3.51	9.5	3.23
	-3.0	-3.7	12.9	4.19	12.1	3.90	11.2	3.61	10.8	3.48	10.3	3.34	9.5	3.07
	0.0	-0.7	12.9	3.86	12.1	3.59	11.2	3.33	10.8	3.20	10.3	3.08	9.5	2.83
	3.0	2.2	12.9	3.56	12.1	3.32	11.2	3.08	10.8	2.96	10.3	2.84	9.5	2.61
	5.0	4.1	12.9	3.37	12.1	3.14	11.2	2.92	10.8	2.80	10.3	2.69	9.5	2.47
	7.0	6.0	12.9	3.19	12.1	2.97	11.2	2.75	10.8	2.65	10.3	2.55	9.5	2.33
9.0	7.9	12.9	3.01	12.1	2.81	11.2	2.60	10.8	2.50	10.3	2.40	9.5	2.20	
11.0	9.8	12.9	2.84	12.1	2.65	11.2	2.45	10.8	2.36	10.3	2.26	9.5	2.07	
13.0	11.8	12.9	2.67	12.1	2.48	11.2	2.30	10.8	2.21	10.3	2.12	9.5	1.94	
15.0	13.7	12.9	2.51	12.1	2.34	11.2	2.17	10.8	2.08	10.3	1.99	9.5	1.81	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

1. Shaded cells indicate rating condition.

Table continued on next page ...

Table 2-7.6: MV8M-120WV2N8 heating capacity (continued)

CR	Outdoor air temp.		Indoor air temp. °C DB											
			16.0		18.0		20.0		21.0		22.0		24.0	
	°C DB	°C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-19.8	-20.0	10.1	4.71	10.1	4.83	9.8	4.71	9.4	4.54	9.0	4.37	8.3	4.03
	-18.8	-19.0	10.4	4.77	10.6	4.95	9.8	4.60	9.4	4.43	9.0	4.26	8.3	3.94
	-16.7	-17.0	11.0	4.91	10.6	4.71	9.8	4.39	9.4	4.23	9.0	4.07	8.3	3.75
	-13.7	-15.0	11.3	4.81	10.6	4.49	9.8	4.18	9.4	4.02	9.0	3.87	8.3	3.57
	-11.8	-13.0	11.3	4.57	10.6	4.27	9.8	3.97	9.4	3.83	9.0	3.68	8.3	3.40
	-9.8	-11.0	11.3	4.34	10.6	4.06	9.8	3.78	9.4	3.64	9.0	3.50	8.3	3.23
	-9.5	-10.0	11.3	4.24	10.6	3.95	9.8	3.68	9.4	3.55	9.0	3.41	8.3	3.15
	-8.5	-9.1	11.3	4.14	10.6	3.86	9.8	3.59	9.4	3.46	9.0	3.33	8.3	3.08
	-7.0	-7.6	11.3	3.98	10.6	3.72	9.8	3.46	9.4	3.33	9.0	3.21	8.3	2.96
	-5.0	-5.6	11.3	3.77	10.6	3.52	9.8	3.28	9.4	3.16	9.0	3.04	8.3	2.80
	-3.0	-3.7	11.3	3.58	10.6	3.35	9.8	3.12	9.4	3.01	9.0	2.89	8.3	2.66
	0.0	-0.7	11.3	3.30	10.6	3.08	9.8	2.88	9.4	2.77	9.0	2.66	8.3	2.45
	3.0	2.2	11.3	3.04	10.6	2.85	9.8	2.65	9.4	2.55	9.0	2.45	8.3	2.26
	5.0	4.1	11.3	2.88	10.6	2.69	9.8	2.50	9.4	2.41	9.0	2.32	8.3	2.14
	7.0	6.0	11.3	2.72	10.6	2.55	9.8	2.37	9.4	2.28	9.0	2.19	8.3	2.02
9.0	7.9	11.3	2.56	10.6	2.40	9.8	2.23	9.4	2.15	9.0	2.06	8.3	1.89	
11.0	9.8	11.3	2.41	10.6	2.26	9.8	2.10	9.4	2.02	9.0	1.95	8.3	1.79	
13.0	11.8	11.3	2.27	10.6	2.11	9.8	1.97	9.4	1.89	9.0	1.82	8.3	1.69	
15.0	13.7	11.3	2.14	10.6	1.99	9.8	1.84	9.4	1.77	9.0	1.70	8.3	1.57	
60%	-19.8	-20.0	9.7	4.62	9.0	4.32	8.4	4.03	8.1	3.89	7.8	3.75	7.1	3.48
	-18.8	-19.0	9.7	4.50	9.0	4.22	8.4	3.94	8.1	3.80	7.8	3.66	7.1	3.40
	-16.7	-17.0	9.7	4.28	9.0	4.01	8.4	3.74	8.1	3.62	7.8	3.48	7.1	3.23
	-13.7	-15.0	9.7	4.07	9.0	3.81	8.4	3.56	8.1	3.43	7.8	3.31	7.1	3.07
	-11.8	-13.0	9.7	3.86	9.0	3.62	8.4	3.38	8.1	3.26	7.8	3.14	7.1	2.91
	-9.8	-11.0	9.7	3.66	9.0	3.43	8.4	3.21	8.1	3.10	7.8	2.99	7.1	2.77
	-9.5	-10.0	9.7	3.57	9.0	3.35	8.4	3.13	8.1	3.02	7.8	2.91	7.1	2.69
	-8.5	-9.1	9.7	3.48	9.0	3.27	8.4	3.06	8.1	2.95	7.8	2.84	7.1	2.63
	-7.0	-7.6	9.7	3.35	9.0	3.14	8.4	2.94	8.1	2.84	7.8	2.73	7.1	2.53
	-5.0	-5.6	9.7	3.18	9.0	2.98	8.4	2.79	8.1	2.69	7.8	2.59	7.1	2.40
	-3.0	-3.7	9.7	3.01	9.0	2.83	8.4	2.65	8.1	2.55	7.8	2.46	7.1	2.28
	0.0	-0.7	9.7	2.78	9.0	2.61	8.4	2.44	8.1	2.35	7.8	2.27	7.1	2.09
	3.0	2.2	9.7	2.56	9.0	2.40	8.4	2.24	8.1	2.16	7.8	2.08	7.1	1.93
	5.0	4.1	9.7	2.41	9.0	2.26	8.4	2.12	8.1	2.04	7.8	1.97	7.1	1.82
	7.0	6.0	9.7	2.28	9.0	2.14	8.4	2.00	8.1	1.93	7.8	1.86	7.1	1.73
9.0	7.9	9.7	2.15	9.0	2.01	8.4	1.87	8.1	1.80	7.8	1.74	7.1	1.62	
11.0	9.8	9.7	2.02	9.0	1.89	8.4	1.77	8.1	1.72	7.8	1.66	7.1	1.56	
13.0	11.8	9.7	1.88	9.0	1.77	8.4	1.67	8.1	1.62	7.8	1.57	7.1	1.47	
15.0	13.7	9.7	1.76	9.0	1.65	8.4	1.55	8.1	1.50	7.8	1.45	7.1	1.35	
50%	-19.8	-20.0	8.1	3.82	7.5	3.60	7.0	3.37	6.7	3.26	6.5	3.15	5.9	2.93
	-18.8	-19.0	8.1	3.73	7.5	3.50	7.0	3.28	6.7	3.18	6.5	3.07	5.9	2.85
	-16.7	-17.0	8.1	3.54	7.5	3.33	7.0	3.12	6.7	3.02	6.5	2.91	5.9	2.71
	-13.7	-15.0	8.1	3.36	7.5	3.16	7.0	2.96	6.7	2.86	6.5	2.77	5.9	2.57
	-11.8	-13.0	8.1	3.18	7.5	3.00	7.0	2.81	6.7	2.72	6.5	2.62	5.9	2.44
	-9.8	-11.0	8.1	3.02	7.5	2.85	7.0	2.67	6.7	2.58	6.5	2.49	5.9	2.32
	-9.5	-10.0	8.1	2.94	7.5	2.77	7.0	2.60	6.7	2.51	6.5	2.43	5.9	2.25
	-8.5	-9.1	8.1	2.87	7.5	2.70	7.0	2.54	6.7	2.45	6.5	2.37	5.9	2.20
	-7.0	-7.6	8.1	2.76	7.5	2.60	7.0	2.44	6.7	2.36	6.5	2.28	5.9	2.12
	-5.0	-5.6	8.1	2.62	7.5	2.46	7.0	2.31	6.7	2.23	6.5	2.16	5.9	2.00
	-3.0	-3.7	8.1	2.48	7.5	2.34	7.0	2.19	6.7	2.12	6.5	2.04	5.9	1.90
	0.0	-0.7	8.1	2.28	7.5	2.15	7.0	2.01	6.7	1.95	6.5	1.88	5.9	1.75
	3.0	2.2	8.1	2.09	7.5	1.97	7.0	1.85	6.7	1.79	6.5	1.73	5.9	1.62
	5.0	4.1	8.1	1.98	7.5	1.86	7.0	1.75	6.7	1.70	6.5	1.65	5.9	1.54
	7.0	6.0	8.1	1.86	7.5	1.76	7.0	1.66	6.7	1.61	6.5	1.57	5.9	1.47
9.0	7.9	8.1	1.75	7.5	1.65	7.0	1.56	6.7	1.51	6.5	1.46	5.9	1.37	
11.0	9.8	8.1	1.66	7.5	1.58	7.0	1.49	6.7	1.45	6.5	1.41	5.9	1.33	
13.0	11.8	8.1	1.56	7.5	1.48	7.0	1.40	6.7	1.37	6.5	1.33	5.9	1.26	
15.0	13.7	8.1	1.44	7.5	1.37	7.0	1.29	6.7	1.25	6.5	1.22	5.9	1.16	

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

PI: Power input (compressor + outdoor fan motor) (kW)

Notes:

1. Shaded cells indicate rating condition.