

### A.1.5 PERFORMANCE DATA

#### COOLING CAPACITY

#### PLA-M71EA-A / SUZ-M71VAD-A

INDOOR DB(°C)	INDOOR WB(°C)	OUTDOOR DB(°C)															
		21				25				27				30			
		Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8.34	5.01	0.60	1496	7.99	4.79	0.60	1571	7.67	4.60	0.60	1646	7.38	4.43	0.60	1720
21	20	8.70	4.17	0.48	1571	8.34	4.00	0.48	1664	8.09	3.89	0.48	1702	7.81	3.75	0.48	1777
22	18	8.34	5.34	0.64	1496	7.99	5.11	0.64	1571	7.67	4.91	0.64	1646	7.38	4.73	0.64	1720
22	20	8.70	4.52	0.52	1571	8.34	4.34	0.52	1664	8.09	4.21	0.52	1702	7.81	4.06	0.52	1777
22	22	9.05	3.62	0.40	1627	8.73	3.49	0.40	1730	8.52	3.41	0.40	1777	8.17	3.27	0.40	1851
23	18	8.34	5.67	0.68	1496	7.99	5.43	0.68	1571	7.67	5.21	0.68	1646	7.38	5.02	0.68	1720
23	20	8.70	4.87	0.56	1571	8.34	4.67	0.56	1664	8.09	4.53	0.56	1702	7.81	4.37	0.56	1777
23	22	9.05	3.98	0.44	1627	8.73	3.84	0.44	1730	8.52	3.75	0.44	1777	8.17	3.59	0.44	1851
24	18	8.34	6.01	0.72	1496	7.99	5.75	0.72	1571	7.67	5.52	0.72	1646	7.38	5.32	0.72	1720
24	20	8.70	5.22	0.60	1571	8.34	5.01	0.60	1664	8.09	4.86	0.60	1702	7.81	4.69	0.60	1777
24	22	9.05	4.35	0.48	1627	8.73	4.19	0.48	1730	8.52	4.09	0.48	1777	8.17	3.92	0.48	1851
24	24	9.51	3.43	0.36	1702	9.16	3.30	0.36	1795	8.95	3.22	0.36	1851	8.66	3.12	0.36	1945
25	20	8.70	5.57	0.64	1571	8.34	5.34	0.64	1664	8.09	5.18	0.64	1702	7.81	5.00	0.64	1777
25	22	9.05	4.71	0.52	1627	8.73	4.54	0.52	1730	8.52	4.43	0.52	1777	8.17	4.25	0.52	1851
25	24	9.51	3.81	0.40	1702	9.16	3.66	0.40	1795	8.95	3.58	0.40	1851	8.66	3.46	0.40	1945
26	18	8.34	6.67	0.80	1496	7.99	6.39	0.80	1571	7.67	6.13	0.80	1646	7.38	5.91	0.80	1720
26	20	8.70	5.91	0.68	1571	8.34	5.67	0.68	1664	8.09	5.50	0.68	1702	7.81	5.31	0.68	1777
26	22	9.05	5.07	0.56	1627	8.73	4.89	0.56	1730	8.52	4.77	0.56	1777	8.17	4.57	0.56	1851
26	24	9.51	4.19	0.44	1702	9.16	4.03	0.44	1795	8.95	3.94	0.44	1851	8.66	3.81	0.44	1945
26	26	9.80	3.14	0.32	1795	9.51	3.04	0.32	1889	9.37	3.00	0.32	1945	9.09	2.91	0.32	2001
27	18	8.34	7.01	0.84	1496	7.99	6.71	0.84	1571	7.67	6.44	0.84	1646	7.38	6.20	0.84	1720
27	20	8.70	6.26	0.72	1571	8.34	6.01	0.72	1664	8.09	5.83	0.72	1702	7.81	5.62	0.72	1777
27	22	9.05	5.43	0.60	1627	8.73	5.24	0.60	1730	8.52	5.11	0.60	1777	8.17	4.90	0.60	1851
27	24	9.51	4.57	0.48	1702	9.16	4.40	0.48	1795	8.95	4.29	0.48	1851	8.66	4.16	0.48	1945
27	26	9.80	3.53	0.36	1795	9.51	3.43	0.36	1889	9.37	3.37	0.36	1945	9.09	3.27	0.36	2001
28	18	8.34	7.34	0.88	1496	7.99	7.03	0.88	1571	7.67	6.75	0.88	1646	7.38	6.50	0.88	1720
28	20	8.70	6.61	0.76	1571	8.34	6.34	0.76	1664	8.09	6.15	0.76	1702	7.81	5.94	0.76	1777
28	22	9.05	5.79	0.64	1627	8.73	5.59	0.64	1730	8.52	5.45	0.64	1777	8.17	5.23	0.64	1851
28	24	9.51	4.95	0.52	1702	9.16	4.76	0.52	1795	8.95	4.65	0.52	1851	8.66	4.50	0.52	1945
28	26	9.80	3.92	0.40	1795	9.51	3.81	0.40	1889	9.37	3.75	0.40	1945	9.09	3.64	0.40	2001
29	18	8.34	7.68	0.92	1496	7.99	7.35	0.92	1571	7.67	7.05	0.92	1646	7.38	6.79	0.92	1720
29	20	8.70	6.96	0.80	1571	8.34	6.67	0.80	1664	8.09	6.48	0.80	1702	7.81	6.25	0.80	1777
29	22	9.05	6.16	0.68	1627	8.73	5.94	0.68	1730	8.52	5.79	0.68	1777	8.17	5.55	0.68	1851
29	24	9.51	5.33	0.56	1702	9.16	5.13	0.56	1795	8.95	5.01	0.56	1851	8.66	4.85	0.56	1945
29	26	9.80	4.31	0.44	1795	9.51	4.19	0.44	1889	9.37	4.12	0.44	1945	9.09	4.00	0.44	2001
30	18	8.34	8.01	0.96	1496	7.99	7.67	0.96	1571	7.67	7.36	0.96	1646	7.38	7.09	0.96	1720
30	20	8.70	7.31	0.84	1571	8.34	7.01	0.84	1664	8.09	6.80	0.84	1702	7.81	6.56	0.84	1777
30	22	9.05	6.52	0.72	1627	8.73	6.29	0.72	1730	8.52	6.13	0.72	1777	8.17	5.88	0.72	1851
30	24	9.51	5.71	0.60	1702	9.16	5.50	0.60	1795	8.95	5.37	0.60	1851	8.66	5.20	0.60	1945
30	26	9.80	4.70	0.48	1795	9.51	4.57	0.48	1889	9.37	4.50	0.48	1945	9.09	4.36	0.48	2001
31	18	8.34	8.34	1.00	1496	7.99	7.99	1.00	1571	7.67	7.67	1.00	1646	7.38	7.38	1.00	1720
31	20	8.70	7.65	0.88	1571	8.34	7.34	0.88	1664	8.09	7.12	0.88	1702	7.81	6.87	0.88	1777
31	22	9.05	6.88	0.76	1627	8.73	6.64	0.76	1730	8.52	6.48	0.76	1777	8.17	6.21	0.76	1851
31	24	9.51	6.09	0.64	1702	9.16	5.86	0.64	1795	8.95	5.73	0.64	1851	8.66	5.54	0.64	1945
31	26	9.80	5.09	0.52	1795	9.51	4.95	0.52	1889	9.37	4.87	0.52	1945	9.09	4.73	0.52	2001
32	18	8.34	8.34	1.00	1496	7.99	7.99	1.00	1571	7.67	7.67	1.00	1646	7.38	7.38	1.00	1720
32	20	8.70	8.00	0.92	1571	8.34	7.68	0.92	1664	8.09	7.45	0.92	1702	7.81	7.19	0.92	1777
32	22	9.05	7.24	0.80	1627	8.73	6.99	0.80	1730	8.52	6.82	0.80	1777	8.17	6.53	0.80	1851
32	24	9.51	6.47	0.68	1702	9.16	6.23	0.68	1795	8.95	6.08	0.68	1851	8.66	5.89	0.68	1945
32	26	9.80	5.49	0.56	1795	9.51	5.33	0.56	1889	9.37	5.25	0.56	1945	9.09	5.09	0.56	2001

Note: Q : Capacity (kW)

SHC : Sensible heat capacity (kW)

D.B. : Dry-bulb temperature

INPUT : Total power input (W)

SHF : Sensible heat factor

W.B. : Wet-bulb temperature

This diagrams show the case where the operation frequency of a compressor is fixed.

