

Mini C Series VRF 50Hz

Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8, WB:14		DB:23.3, WB:16		DB:25.8, WB:18		DB:27, WB:19		DB:28.2, WB:20		DB:30.7, WB:22		DB:32, WB: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%	-5	10.7	1.77	12.8	2.16	14.8	2.31	15.4	2.40	16.1	2.47	16.5	2.69	16.9	2.71
	-2	10.7	1.77	12.8	2.20	14.8	2.31	15.4	2.42	16.1	2.47	16.5	2.72	16.9	2.73
	0	10.7	1.80	12.8	2.24	14.8	2.40	15.4	2.55	16.1	2.62	16.5	2.76	16.9	2.77
	2	10.7	1.83	12.8	2.24	14.8	2.48	15.4	2.69	16.1	2.65	16.5	2.78	16.9	2.81
	4	10.7	1.87	12.8	2.28	14.8	2.56	15.4	2.71	16.1	2.68	16.5	2.82	16.9	2.86
	6	10.7	1.91	12.8	2.33	14.8	2.66	15.4	2.73	15.9	2.76	16.3	2.86	16.7	2.88
	8	10.7	1.95	12.8	2.38	14.8	2.79	15.4	2.86	15.7	2.85	16.1	2.87	16.5	2.91
	10	10.7	1.99	12.8	2.43	14.8	2.89	15.4	2.96	15.6	2.91	15.9	2.92	16.3	3.00
	12	10.7	2.03	12.8	2.48	14.8	2.95	15.2	3.00	15.4	2.95	15.7	2.96	16.1	3.02
	14	10.7	2.07	12.8	2.53	14.8	3.00	15.0	3.05	15.2	3.00	15.6	3.00	15.9	3.08
	16	10.7	2.10	12.8	2.58	14.6	3.04	14.8	3.09	14.9	3.08	15.3	3.05	15.7	3.13
	18	10.7	2.14	12.8	2.63	14.4	3.09	14.6	3.10	14.8	3.12	15.2	3.15	15.6	3.18
	20	10.7	2.19	12.8	2.80	14.2	3.24	14.4	3.25	14.6	3.27	14.9	3.30	15.3	3.34
	21	10.7	2.25	12.8	2.90	14.1	3.31	14.3	3.33	14.5	3.35	14.9	3.38	15.2	3.41
	23	10.7	2.41	12.8	3.11	13.9	3.46	14.1	3.48	14.2	3.50	14.6	3.53	15.0	3.57
	25	10.7	2.57	12.8	3.33	13.7	3.62	13.9	3.63	14.1	3.66	14.5	3.69	14.9	3.73
	27	10.7	2.75	12.8	3.56	13.5	3.77	13.7	3.79	13.9	3.81	14.2	3.85	14.6	3.89
	29	10.7	2.93	12.8	3.81	13.3	3.92	13.5	3.94	13.7	3.97	14.1	4.01	14.5	4.05
	31	10.7	3.13	12.7	4.03	13.1	4.08	13.3	4.10	13.5	4.12	13.9	4.16	14.2	4.21
	33	10.7	3.34	12.5	4.18	12.9	4.23	13.1	4.25	13.3	4.27	13.7	4.32	14.0	4.37
	35	10.7	3.56	12.3	4.33	12.7	4.38	12.9	4.41	13.1	4.43	13.5	4.48	13.9	4.53
	37	10.7	3.78	12.1	4.49	12.5	4.54	12.7	4.57	12.9	4.59	13.2	4.65	13.6	4.70
	39	10.7	4.03	11.9	4.54	12.3	4.69	12.5	4.72	12.7	4.75	13.1	4.80	13.5	4.86
	41	10.7	4.24	11.8	4.58	12.2	4.74	12.4	4.77	12.5	4.80	12.9	4.81	12.9	4.91
	43	10.7	4.35	11.7	4.60	12.1	4.75	12.3	4.79	12.4	4.80	12.7	4.82	12.8	4.92
	45	10.7	4.56	11.6	4.65	12.0	4.79	12.2	4.82	12.2	4.82	12.4	4.84	12.5	5.01
	48	10.7	4.72	11.6	4.79	11.8	4.83	12.0	4.86	12.1	4.87	12.0	4.92	12.3	5.03
	50	10.6	4.75	11.5	4.82	11.7	4.86	11.7	4.88	12.0	4.90	12.0	4.95	12.1	5.05
	52	10.4	4.77	11.3	4.84	11.5	4.88	11.6	4.91	11.9	4.92	11.7	4.96	12.0	5.07
	54	10.3	4.80	11.1	4.87	11.3	4.91	11.5	4.94	11.6	4.95	11.6	5.00	11.7	5.11

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8,WB:14		DB:23.3,WB:16		DB:25.8,WB:18		DB:27,WB:19		DB:28.2,WB:20		DB:30.7,WB:22		DB:32,WB: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
120%	-5	9.9	1.71	11.8	2.07	13.7	2.44	14.6	2.66	15.3	2.78	15.7	2.87	16.0	2.94
	-2	9.9	1.72	11.8	2.09	13.7	2.47	14.6	2.68	15.3	2.81	15.7	2.89	16.0	2.95
	0	9.9	1.74	11.8	2.10	13.7	2.50	14.6	2.69	15.3	2.83	15.7	2.91	16.0	2.96
	2	9.9	1.74	11.8	2.12	13.7	2.51	14.6	2.71	15.3	2.85	15.7	2.93	16.0	2.96
	4	9.9	1.76	11.8	2.15	13.7	2.55	14.6	2.74	15.3	2.88	15.7	2.93	16.0	2.97
	6	9.9	1.78	11.8	2.17	13.7	2.58	14.6	2.77	15.3	2.92	15.7	2.96	16.0	2.98
	8	9.9	1.80	11.8	2.19	13.7	2.61	14.6	2.80	15.3	2.94	15.7	2.97	16.0	3.00
	10	9.9	1.82	11.8	2.22	13.7	2.64	14.6	2.85	15.3	2.95	15.7	2.98	16.0	3.01
	12	9.9	1.85	11.8	2.26	13.7	2.69	14.6	2.91	15.1	2.96	15.5	2.96	15.8	3.03
	14	9.9	1.89	11.8	2.31	13.7	2.74	14.6	2.96	14.9	2.98	15.3	3.01	15.6	3.06
	16	9.9	1.92	11.8	2.35	13.7	2.79	14.6	3.02	14.7	3.02	15.1	3.06	15.4	3.11
	18	9.9	1.96	11.8	2.40	13.7	2.89	14.3	3.09	14.5	3.10	14.9	3.13	15.2	3.16
	20	9.9	2.00	11.8	2.49	13.7	3.11	14.2	3.24	14.3	3.25	14.7	3.28	15.0	3.31
	21	9.9	2.01	11.8	2.58	13.7	3.22	14.0	3.31	14.2	3.32	14.6	3.35	14.9	3.39
	23	9.9	2.15	11.8	2.77	13.7	3.45	13.9	3.46	14.0	3.48	14.4	3.51	14.7	3.54
	25	9.9	2.30	11.8	2.96	13.5	3.60	13.6	3.61	13.8	3.63	14.2	3.66	14.6	3.70
	27	9.9	2.46	11.8	3.16	13.3	3.74	13.5	3.77	13.6	3.78	14.0	3.82	14.3	3.85
	29	9.9	2.62	11.8	3.38	13.1	3.89	13.2	3.92	13.4	3.94	13.8	3.98	14.2	4.01
	31	9.9	2.79	11.8	3.60	12.9	4.05	13.1	4.07	13.2	4.09	13.6	4.13	13.9	4.17
	33	9.9	2.98	11.8	3.84	12.7	4.20	12.9	4.23	13.0	4.24	13.4	4.29	13.7	4.33
	35	9.9	3.17	11.8	4.10	12.5	4.35	12.6	4.38	12.9	4.40	13.2	4.45	13.6	4.49
	37	9.9	3.37	11.8	4.37	12.3	4.51	12.5	4.54	12.6	4.56	13.0	4.61	13.3	4.66
	39	9.9	3.59	11.7	4.61	12.1	4.66	12.2	4.69	12.4	4.72	12.8	4.77	13.2	4.81
	41	9.9	3.68	11.6	4.64	12.0	4.70	12.1	4.73	12.3	4.75	12.7	4.78	12.8	4.85
	43	9.9	3.74	11.6	4.68	11.9	4.73	12.1	4.74	12.2	4.77	12.5	4.79	12.6	4.95
	45	9.9	3.78	11.5	4.72	11.8	4.77	11.9	4.79	12.1	4.80	12.2	4.81	12.5	5.06
	48	9.9	3.81	11.4	4.77	11.6	4.81	11.7	4.82	12.0	4.85	12.1	4.86	12.3	5.12
	50	9.8	3.84	11.3	4.79	11.5	4.83	11.6	4.84	11.9	4.87	11.9	4.88	12.2	5.14
	52	9.6	3.84	11.1	4.81	11.3	4.85	11.4	4.87	11.7	4.89	11.8	4.89	12.0	5.17
	54	9.5	3.87	10.9	4.85	11.1	4.89	11.3	4.90	11.5	4.92	11.6	4.93	11.8	5.20

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Mini C Series VRF 50Hz

Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8, WB:14		DB:23.3, WB:16		DB:25.8, WB:18		DB:27, WB:19		DB:28.2, WB:20		DB:30.7, WB:22		DB:32, WB: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%	-5	9.1	1.49	10.8	1.85	12.5	2.21	13.4	2.37	14.3	2.56	15.4	2.65	15.7	2.74
	-2	9.1	1.52	10.8	1.88	12.5	2.23	13.4	2.40	14.3	2.58	15.4	2.68	15.7	2.75
	0	9.1	1.53	10.8	1.89	12.5	2.25	13.4	2.41	14.3	2.60	15.4	2.71	15.7	2.78
	2	9.1	1.57	10.8	1.91	12.5	2.28	13.4	2.44	14.3	2.63	15.4	2.75	15.7	2.82
	4	9.1	1.60	10.8	1.93	12.5	2.31	13.4	2.47	14.3	2.67	15.4	2.78	15.7	2.84
	6	9.1	1.61	10.8	1.95	12.5	2.33	13.4	2.51	14.3	2.70	15.4	2.81	15.7	2.89
	8	9.1	1.63	10.8	1.98	12.5	2.35	13.4	2.54	14.3	2.73	15.4	2.83	15.7	2.92
	10	9.1	1.65	10.8	2.01	12.5	2.39	13.4	2.58	14.3	2.78	15.4	2.85	15.7	2.94
	12	9.1	1.68	10.8	2.05	12.5	2.43	13.4	2.63	14.3	2.83	15.2	2.89	15.5	2.98
	14	9.1	1.71	10.8	2.08	12.5	2.48	13.4	2.68	14.3	2.88	15.0	2.92	15.3	3.00
	16	9.1	1.74	10.8	2.13	12.5	2.53	13.4	2.73	14.3	2.94	14.8	2.95	15.1	3.04
	18	9.1	1.78	10.8	2.17	12.5	2.58	13.4	2.81	14.3	3.08	14.6	3.10	14.9	3.13
	20	9.1	1.81	10.8	2.21	12.5	2.73	13.4	3.02	14.1	3.23	14.4	3.25	14.7	3.28
	21	9.1	1.83	10.8	2.28	12.5	2.83	13.4	3.13	14.0	3.31	14.3	3.33	14.6	3.36
	23	9.1	1.92	10.8	2.44	12.5	3.03	13.4	3.35	13.8	3.45	14.1	3.49	14.4	3.52
	25	9.1	2.04	10.8	2.61	12.5	3.24	13.4	3.59	13.6	3.60	13.9	3.64	14.2	3.67
	27	9.1	2.18	10.8	2.79	12.5	3.47	13.2	3.74	13.4	3.76	13.7	3.79	14.0	3.83
	29	9.1	2.32	10.8	2.98	12.5	3.71	13.0	3.90	13.2	3.91	13.5	3.95	13.9	3.98
	31	9.1	2.47	10.8	3.17	12.5	3.96	12.8	4.05	13.0	4.06	13.3	4.10	13.6	4.14
	33	9.1	2.63	10.8	3.38	12.5	4.17	12.6	4.20	12.8	4.22	13.1	4.26	13.5	4.30
	35	9.1	2.80	10.8	3.60	12.2	4.33	12.4	4.35	12.6	4.37	12.9	4.41	13.2	4.45
	37	9.1	2.98	10.8	3.84	12.1	4.48	12.2	4.50	12.4	4.52	12.7	4.57	13.0	4.61
	39	9.1	3.17	10.8	4.09	11.9	4.63	12.0	4.66	12.2	4.68	12.5	4.73	12.9	4.77
	41	9.1	3.20	10.8	4.12	11.8	4.67	11.9	4.69	12.1	4.71	12.3	4.76	12.5	4.81
	43	9.1	3.23	10.8	4.17	11.7	4.70	11.8	4.72	12.0	4.75	12.2	4.78	12.3	4.90
	45	9.1	3.34	10.8	4.20	11.5	4.74	11.7	4.78	11.9	4.79	12.1	4.91	12.2	5.02
	48	9.1	3.45	10.8	4.54	11.4	4.77	11.5	4.80	11.8	4.83	11.9	4.92	12.0	5.06
	50	9.0	3.48	10.7	4.58	11.3	4.80	11.4	4.84	11.7	4.87	11.8	4.95	11.9	5.10
	52	8.9	3.48	10.6	4.59	11.1	4.82	11.2	4.86	11.5	4.88	11.6	4.97	11.7	5.12
	54	8.7	3.51	10.4	4.63	10.9	4.85	11.1	4.89	11.3	4.91	11.4	5.01	11.5	5.15

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

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		DB:20.8, WB:14		DB:23.3, WB:16		DB:25.8, WB:18		DB:27, WB:19		DB:28.2, WB:20		DB:30.7, WB:22		DB:32, WB: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
100%	-5	8.2	1.36	9.8	1.63	11.4	1.94	12.2	2.08	13.0	2.26	14.6	2.57	15.4	2.69
	-2	8.2	1.37	9.8	1.65	11.4	1.97	12.2	2.12	13.0	2.29	14.6	2.60	15.4	2.70
	0	8.2	1.39	9.8	1.67	11.4	1.99	12.2	2.15	13.0	2.31	14.6	2.65	15.4	2.73
	2	8.2	1.41	9.8	1.69	11.4	2.01	12.2	2.18	13.0	2.34	14.6	2.69	15.4	2.78
	4	8.2	1.42	9.8	1.71	11.4	2.04	12.2	2.21	13.0	2.37	14.6	2.71	15.4	2.81
	6	8.2	1.45	9.8	1.75	11.4	2.06	12.2	2.25	13.0	2.40	14.6	2.75	15.4	2.85
	8	8.2	1.47	9.8	1.77	11.4	2.10	12.2	2.27	13.0	2.44	14.6	2.80	15.4	2.90
	10	8.2	1.49	9.8	1.80	11.4	2.14	12.2	2.31	13.0	2.49	14.6	2.84	15.4	2.94
	12	8.2	1.51	9.8	1.84	11.4	2.18	12.2	2.35	13.0	2.53	14.6	2.89	15.2	2.96
	14	8.2	1.54	9.8	1.87	11.4	2.22	12.2	2.40	13.0	2.58	14.6	2.95	15.0	3.00
	16	8.2	1.57	9.8	1.91	11.4	2.26	12.2	2.45	13.0	2.63	14.5	2.99	14.8	3.03
	18	8.2	1.60	9.8	1.94	11.4	2.31	12.2	2.49	13.0	2.68	14.3	3.09	14.6	3.11
	20	8.2	1.63	9.8	1.99	11.4	2.38	12.2	2.62	13.0	2.88	14.1	3.23	14.4	3.26
	21	8.2	1.65	9.8	2.00	11.4	2.46	12.2	2.71	13.0	2.98	14.0	3.31	14.3	3.34
	23	8.2	1.69	9.8	2.14	11.4	2.64	12.2	2.91	13.0	3.19	13.9	3.46	14.1	3.49
	25	8.2	1.80	9.8	2.28	11.4	2.82	12.2	3.11	13.0	3.42	13.6	3.61	13.9	3.64
	27	8.2	1.92	9.8	2.43	11.4	3.02	12.2	3.33	13.0	3.66	13.4	3.76	13.7	3.80
	29	8.2	2.04	9.8	2.60	11.4	3.22	12.2	3.56	12.9	3.88	13.2	3.92	13.6	3.95
	31	8.2	2.18	9.8	2.77	11.4	3.43	12.2	3.80	12.8	4.03	13.0	4.07	13.3	4.10
	33	8.2	2.31	9.8	2.95	11.4	3.66	12.2	4.05	12.5	4.19	12.9	4.22	13.2	4.26
	35	8.2	2.46	9.8	3.14	11.4	3.91	12.2	4.32	12.3	4.34	12.6	4.38	12.9	4.41
	37	8.2	2.61	9.8	3.34	11.4	4.16	12.0	4.47	12.2	4.49	12.5	4.53	12.7	4.57
	39	8.2	2.78	9.8	3.55	11.4	4.43	11.8	4.62	11.9	4.65	12.2	4.69	12.5	4.73
	41	8.2	2.91	9.8	3.68	11.4	4.59	11.6	4.66	11.8	4.72	12.0	4.80	12.4	4.83
	43	8.2	3.04	9.8	3.81	11.4	4.68	11.4	4.71	11.8	4.76	12.1	4.83	12.1	4.88
	45	8.2	3.21	9.8	3.98	11.4	4.76	11.2	4.77	11.7	4.85	12.0	4.90	11.9	4.95
	48	8.2	3.35	9.8	4.12	11.4	4.77	10.7	4.83	11.7	4.94	11.3	4.95	11.6	5.00
	50	8.1	3.37	9.7	4.14	11.3	4.79	10.7	4.85	11.6	4.96	11.1	4.98	11.5	5.02
	52	8.0	3.38	9.5	4.16	11.1	4.80	10.5	4.87	11.4	4.98	11.0	5.00	11.4	5.04
	54	7.9	3.40	9.4	4.19	10.9	4.84	10.3	4.91	11.2	5.01	10.8	5.03	11.2	5.08

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

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Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8, WB:14		DB:23.3, WB:16		DB:25.8, WB:18		DB:27, WB:19		DB:28.2, WB:20		DB:30.7, WB:22		DB:32, WB: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%	-5	7.4	1.20	8.8	1.44	10.3	1.70	11.0	1.85	11.7	1.97	13.1	2.27	14.6	2.60
	-2	7.4	1.21	8.8	1.45	10.3	1.72	11.0	1.88	11.7	1.99	13.1	2.29	14.6	2.62
	0	7.4	1.23	8.8	1.47	10.3	1.75	11.0	1.90	11.7	2.02	13.1	2.31	14.6	2.64
	2	7.4	1.25	8.8	1.49	10.3	1.76	11.0	1.93	11.7	2.05	13.1	2.36	14.6	2.68
	4	7.4	1.27	8.8	1.51	10.3	1.79	11.0	1.96	11.7	2.08	13.1	2.40	14.6	2.72
	6	7.4	1.28	8.8	1.54	10.3	1.83	11.0	1.99	11.7	2.11	13.1	2.44	14.6	2.76
	8	7.4	1.31	8.8	1.57	10.3	1.86	11.0	2.02	11.7	2.15	13.1	2.48	14.6	2.79
	10	7.4	1.33	8.8	1.61	10.3	1.90	11.0	2.05	11.7	2.20	13.1	2.51	14.6	2.84
	12	7.4	1.36	8.8	1.64	10.3	1.93	11.0	2.08	11.7	2.24	13.1	2.56	14.6	2.89
	14	7.4	1.38	8.8	1.67	10.3	1.97	11.0	2.12	11.7	2.28	13.1	2.61	14.6	2.94
	16	7.4	1.40	8.8	1.69	10.3	2.01	11.0	2.17	11.7	2.33	13.1	2.66	14.5	2.99
	18	7.4	1.43	8.8	1.73	10.3	2.04	11.0	2.21	11.7	2.38	13.1	2.71	14.3	3.09
	20	7.4	1.46	8.8	1.77	10.3	2.08	11.0	2.25	11.7	2.46	13.1	2.92	14.1	3.23
	21	7.4	1.47	8.8	1.78	10.3	2.12	11.0	2.33	11.7	2.55	13.1	3.02	14.0	3.31
	23	7.4	1.50	8.8	1.85	10.3	2.27	11.0	2.50	11.7	2.74	13.1	3.24	13.8	3.46
	25	7.4	1.58	8.8	1.98	10.3	2.43	11.0	2.67	11.7	2.92	13.1	3.47	13.6	3.61
	27	7.4	1.68	8.8	2.11	10.3	2.59	11.0	2.85	11.7	3.13	13.1	3.71	13.4	3.76
	29	7.4	1.79	8.8	2.25	10.3	2.77	11.0	3.04	11.7	3.34	13.0	3.88	13.2	3.91
	31	7.4	1.90	8.8	2.39	10.3	2.95	11.0	3.25	11.7	3.56	12.8	4.03	13.0	4.07
	33	7.4	2.01	8.8	2.54	10.3	3.14	11.0	3.46	11.7	3.80	12.6	4.19	12.9	4.22
	35	7.4	2.14	8.8	2.71	10.3	3.35	11.0	3.69	11.7	4.05	12.4	4.34	12.6	4.38
	37	7.4	2.27	8.8	2.88	10.3	3.56	11.0	3.93	11.7	4.32	12.2	4.49	12.5	4.53
	39	7.4	2.41	8.8	3.06	10.3	3.79	11.0	4.19	11.7	4.60	12.0	4.65	12.2	4.69
	41	7.4	2.49	8.8	3.20	10.3	3.93	11.0	4.30	11.7	4.63	11.9	4.77	12.2	4.80
	43	7.4	2.61	8.8	3.34	10.3	4.07	11.0	4.41	11.7	4.73	11.8	4.83	12.1	4.87
	45	7.4	2.78	8.8	3.51	10.3	4.23	11.0	4.56	11.7	4.86	11.8	4.88	11.9	4.94
	48	7.4	2.93	8.8	3.67	10.3	4.39	11.0	4.61	11.7	4.90	11.7	4.95	11.6	5.00
	50	7.3	2.95	8.8	3.68	10.2	4.42	10.9	4.64	11.6	4.92	11.6	4.97	11.4	5.03
	52	7.2	2.96	8.6	3.70	10.0	4.43	10.7	4.65	11.4	4.94	11.4	5.00	11.3	5.05
	54	7.1	2.98	8.5	3.72	9.9	4.47	10.6	4.69	11.2	4.98	11.2	5.03	11.1	5.09

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8, WB:14		DB:23.3, WB:16		DB:25.8, WB:18		DB:27, WB:19		DB:28.2, WB:20		DB:30.7, WB:22		DB:32, WB: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
80%	-5	6.6	1.06	7.8	1.25	9.1	1.48	9.8	1.57	10.4	1.69	11.7	1.96	12.9	2.24
	-2	6.6	1.07	7.8	1.27	9.1	1.49	9.8	1.60	10.4	1.71	11.7	1.98	12.9	2.26
	0	6.6	1.09	7.8	1.28	9.1	1.51	9.8	1.62	10.4	1.74	11.7	2.01	12.9	2.29
	2	6.6	1.11	7.8	1.30	9.1	1.53	9.8	1.65	10.4	1.77	11.7	2.05	12.9	2.33
	4	6.6	1.13	7.8	1.32	9.1	1.56	9.8	1.69	10.4	1.80	11.7	2.08	12.9	2.36
	6	6.6	1.15	7.8	1.35	9.1	1.59	9.8	1.72	10.4	1.84	11.7	2.11	12.9	2.40
	8	6.6	1.17	7.8	1.38	9.1	1.62	9.8	1.75	10.4	1.88	11.7	2.15	12.9	2.45
	10	6.6	1.18	7.8	1.41	9.1	1.67	9.8	1.79	10.4	1.92	11.7	2.20	12.9	2.47
	12	6.6	1.20	7.8	1.44	9.1	1.69	9.8	1.83	10.4	1.96	11.7	2.24	12.9	2.52
	14	6.6	1.22	7.8	1.47	9.1	1.72	9.8	1.86	10.4	2.00	11.7	2.28	12.9	2.57
	16	6.6	1.24	7.8	1.49	9.1	1.76	9.8	1.89	10.4	2.03	11.7	2.32	12.9	2.61
	18	6.6	1.26	7.8	1.52	9.1	1.79	9.8	1.93	10.4	2.07	11.7	2.37	12.9	2.67
	20	6.6	1.29	7.8	1.55	9.1	1.83	9.8	1.97	10.4	2.11	11.7	2.46	12.9	2.85
	21	6.6	1.30	7.8	1.56	9.1	1.85	9.8	1.99	10.4	2.16	11.7	2.54	12.9	2.96
	23	6.6	1.32	7.8	1.60	9.1	1.93	9.8	2.12	10.4	2.31	11.7	2.72	12.9	3.17
	25	6.6	1.36	7.8	1.69	9.1	2.07	9.8	2.26	10.4	2.47	11.7	2.92	12.9	3.39
	27	6.6	1.45	7.8	1.80	9.1	2.20	9.8	2.42	10.4	2.64	11.7	3.12	12.9	3.63
	29	6.6	1.54	7.8	1.92	9.1	2.35	9.8	2.57	10.4	2.82	11.7	3.32	12.9	3.88
	31	6.6	1.64	7.8	2.04	9.1	2.50	9.8	2.74	10.4	3.00	11.7	3.55	12.7	4.03
	33	6.6	1.74	7.8	2.17	9.1	2.66	9.8	2.92	10.4	3.20	11.7	3.78	12.5	4.19
	35	6.6	1.85	7.8	2.31	9.1	2.83	9.8	3.11	10.4	3.41	11.7	4.03	12.3	4.34
	37	6.6	1.96	7.8	2.45	9.1	3.01	9.8	3.31	10.4	3.63	11.7	4.30	12.2	4.49
	39	6.6	2.07	7.8	2.61	9.1	3.20	9.8	3.52	10.4	3.86	11.7	4.58	11.9	4.65
	41	6.6	2.12	7.8	2.64	9.1	3.25	9.8	3.62	10.4	3.93	11.7	4.70	11.9	4.73
	43	6.6	2.18	7.8	2.66	9.1	3.30	9.8	3.68	10.4	3.98	11.7	4.75	11.8	4.78
	45	6.6	2.24	7.8	2.69	9.1	3.36	9.8	3.76	10.4	4.05	11.7	4.81	11.6	4.86
	48	6.6	2.32	7.8	2.71	9.1	3.41	9.8	3.81	10.4	4.09	11.7	4.85	11.5	4.92
	50	6.5	2.33	7.7	2.72	9.0	3.43	9.7	3.83	10.3	4.11	11.6	4.88	11.4	4.95
	52	6.4	2.34	7.7	2.73	8.9	3.44	9.5	3.84	10.2	4.13	11.4	4.89	11.3	4.97
	54	6.3	2.35	7.5	2.76	8.7	3.47	9.3	3.87	10.0	4.15	11.2	4.93	11.1	5.01

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

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Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8,WB:14		DB:23.3,WB:16		DB:25.8,WB:18		DB:27,WB:19		DB:28.2,WB:20		DB:30.7,WB:22		DB:32,WB: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%	-5	5.8	0.94	6.9	1.11	8.0	1.25	8.5	1.34	9.1	1.43	10.2	1.64	11.3	1.89
	-2	5.8	0.95	6.9	1.11	8.0	1.26	8.5	1.37	9.1	1.46	10.2	1.67	11.3	1.91
	0	5.8	0.96	6.9	1.13	8.0	1.29	8.5	1.40	9.1	1.49	10.2	1.70	11.3	1.94
	2	5.8	0.96	6.9	1.13	8.0	1.31	8.5	1.42	9.1	1.51	10.2	1.74	11.3	1.97
	4	5.8	0.97	6.9	1.16	8.0	1.34	8.5	1.45	9.1	1.55	10.2	1.77	11.3	2.02
	6	5.8	0.99	6.9	1.18	8.0	1.37	8.5	1.49	9.1	1.58	10.2	1.80	11.3	2.06
	8	5.8	1.01	6.9	1.21	8.0	1.40	8.5	1.52	9.1	1.62	10.2	1.85	11.3	2.09
	10	5.8	1.03	6.9	1.23	8.0	1.44	8.5	1.55	9.1	1.66	10.2	1.89	11.3	2.12
	12	5.8	1.05	6.9	1.25	8.0	1.47	8.5	1.58	9.1	1.69	10.2	1.92	11.3	2.16
	14	5.8	1.07	6.9	1.27	8.0	1.49	8.5	1.60	9.1	1.72	10.2	1.96	11.3	2.20
	16	5.8	1.09	6.9	1.30	8.0	1.52	8.5	1.64	9.1	1.75	10.2	1.99	11.3	2.24
	18	5.8	1.11	6.9	1.32	8.0	1.55	8.5	1.67	9.1	1.78	10.2	2.03	11.3	2.29
	20	5.8	1.12	6.9	1.35	8.0	1.58	8.5	1.69	9.1	1.82	10.2	2.07	11.3	2.35
	21	5.8	1.14	6.9	1.36	8.0	1.59	8.5	1.71	9.1	1.83	10.2	2.10	11.3	2.43
	23	5.8	1.15	6.9	1.38	8.0	1.62	8.5	1.77	9.1	1.93	10.2	2.25	11.3	2.61
	25	5.8	1.18	6.9	1.44	8.0	1.73	8.5	1.89	9.1	2.06	10.2	2.41	11.3	2.79
	27	5.8	1.25	6.9	1.53	8.0	1.85	8.5	2.01	9.1	2.19	10.2	2.57	11.3	2.98
	29	5.8	1.32	6.9	1.62	8.0	1.96	8.5	2.15	9.1	2.33	10.2	2.74	11.3	3.18
	31	5.8	1.40	6.9	1.72	8.0	2.09	8.5	2.28	9.1	2.49	10.2	2.92	11.3	3.39
	33	5.8	1.48	6.9	1.83	8.0	2.22	8.5	2.43	9.1	2.65	10.2	3.12	11.3	3.62
	35	5.8	1.57	6.9	1.94	8.0	2.36	8.5	2.59	9.1	2.82	10.2	3.32	11.3	3.86
	37	5.8	1.66	6.9	2.06	8.0	2.51	8.5	2.74	9.1	3.00	10.2	3.53	11.3	4.11
	39	5.8	1.76	6.9	2.18	8.0	2.66	8.5	2.92	9.1	3.18	10.2	3.76	11.3	4.38
	41	5.8	1.84	6.9	2.26	8.0	2.74	8.5	3.01	9.1	3.28	10.2	3.91	11.3	4.57
	43	5.8	1.99	6.9	2.42	8.0	2.85	8.5	3.18	9.1	3.38	10.2	4.05	11.3	4.71
	45	5.8	2.03	6.9	2.47	8.0	2.91	8.5	3.23	9.1	3.55	10.2	4.27	11.3	4.90
	48	5.8	2.07	6.9	2.48	8.0	2.95	8.5	3.28	9.1	3.64	10.2	4.47	11.3	5.02
	50	5.7	2.10	6.8	2.51	7.9	2.96	8.5	3.30	9.0	3.66	10.1	4.49	11.2	5.04
	52	5.6	2.10	6.7	2.52	7.8	2.97	8.3	3.31	8.9	3.68	9.9	4.51	11.0	5.05
	54	5.5	2.11	6.6	2.53	7.7	2.99	8.2	3.33	8.7	3.70	9.8	4.54	10.9	5.09

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8,WB:14		DB:23.3,WB:16		DB:25.8,WB:18		DB:27,WB:19		DB:28.2,WB:20		DB:30.7,WB:22		DB:32,WB: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
60%	-5	4.9	0.80	5.9	0.93	6.8	1.09	7.3	1.16	7.8	1.25	8.8	1.41	9.7	1.61
	-2	4.9	0.81	5.9	0.95	6.8	1.11	7.3	1.18	7.8	1.26	8.8	1.43	9.7	1.62
	0	4.9	0.82	5.9	0.96	6.8	1.12	7.3	1.19	7.8	1.29	8.8	1.45	9.7	1.64
	2	4.9	0.84	5.9	0.98	6.8	1.14	7.3	1.21	7.8	1.30	8.8	1.48	9.7	1.66
	4	4.9	0.86	5.9	1.00	6.8	1.17	7.3	1.23	7.8	1.32	8.8	1.50	9.7	1.69
	6	4.9	0.87	5.9	1.02	6.8	1.19	7.3	1.26	7.8	1.35	8.8	1.53	9.7	1.73
	8	4.9	0.89	5.9	1.04	6.8	1.21	7.3	1.28	7.8	1.38	8.8	1.56	9.7	1.76
	10	4.9	0.90	5.9	1.06	6.8	1.23	7.3	1.32	7.8	1.40	8.8	1.59	9.7	1.78
	12	4.9	0.92	5.9	1.08	6.8	1.25	7.3	1.34	7.8	1.43	8.8	1.62	9.7	1.81
	14	4.9	0.93	5.9	1.09	6.8	1.27	7.3	1.36	7.8	1.46	8.8	1.65	9.7	1.85
	16	4.9	0.94	5.9	1.11	6.8	1.29	7.3	1.39	7.8	1.48	8.8	1.68	9.7	1.88
	18	4.9	0.96	5.9	1.13	6.8	1.32	7.3	1.41	7.8	1.51	8.8	1.71	9.7	1.92
	20	4.9	0.97	5.9	1.15	6.8	1.34	7.3	1.44	7.8	1.54	8.8	1.74	9.7	1.96
	21	4.9	0.98	5.9	1.16	6.8	1.35	7.3	1.45	7.8	1.55	8.8	1.76	9.7	1.97
	23	4.9	1.00	5.9	1.18	6.8	1.37	7.3	1.48	7.8	1.58	8.8	1.83	9.7	2.10
	25	4.9	1.01	5.9	1.20	6.8	1.43	7.3	1.55	7.8	1.68	8.8	1.95	9.7	2.24
	27	4.9	1.05	5.9	1.27	6.8	1.52	7.3	1.65	7.8	1.79	8.8	2.08	9.7	2.39
	29	4.9	1.11	5.9	1.35	6.8	1.62	7.3	1.76	7.8	1.90	8.8	2.22	9.7	2.56
	31	4.9	1.18	5.9	1.43	6.8	1.72	7.3	1.87	7.8	2.03	8.8	2.36	9.7	2.72
	33	4.9	1.25	5.9	1.52	6.8	1.82	7.3	1.99	7.8	2.15	8.8	2.51	9.7	2.90
	35	4.9	1.32	5.9	1.61	6.8	1.93	7.3	2.11	7.8	2.29	8.8	2.67	9.7	3.09
	37	4.9	1.40	5.9	1.71	6.8	2.05	7.3	2.24	7.8	2.43	8.8	2.84	9.7	3.28
	39	4.9	1.47	5.9	1.80	6.8	2.17	7.3	2.37	7.8	2.58	8.8	3.02	9.7	3.49
	41	4.9	1.52	5.9	1.88	6.8	2.25	7.3	2.46	7.8	2.67	8.8	3.16	9.7	3.65
	43	4.9	1.57	5.9	1.96	6.8	2.33	7.3	2.54	7.8	2.77	8.8	3.29	9.7	3.81
	45	4.9	1.64	5.9	2.06	6.8	2.42	7.3	2.63	7.8	2.90	8.8	3.44	9.7	4.02
	48	4.9	1.70	5.9	2.15	6.8	2.51	7.3	2.70	7.8	3.01	8.8	3.56	9.7	4.21
	50	4.9	1.71	5.8	2.16	6.8	2.52	7.3	2.72	7.7	3.03	8.7	3.59	9.6	4.23
	52	4.8	1.72	5.7	2.17	6.7	2.53	7.1	2.72	7.6	3.05	8.5	3.60	9.5	4.25
	54	4.7	1.73	5.7	2.18	6.6	2.55	7.0	2.74	7.5	3.06	8.4	3.62	9.3	4.28

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

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Table 2-7.3: IDV-V120W/DHN1(C) cooling capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (°C DB)	Indoor temperature(°C DB/WD)													
		DB:20.8,WB:14		DB:23.3,WB:16		DB:25.8,WB:18		DB:27,WB:19		DB:28.2,WB:20		DB:30.7,WB:22		DB:32,WB: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%	-5	4.1	0.70	4.9	0.81	5.7	0.93	6.1	0.97	6.5	1.03	7.3	1.17	8.1	1.26
	-2	4.1	0.70	4.9	0.82	5.7	0.94	6.1	0.99	6.5	1.04	7.3	1.18	8.1	1.27
	0	4.1	0.72	4.9	0.84	5.7	0.96	6.1	1.00	6.5	1.06	7.3	1.20	8.1	1.30
	2	4.1	0.73	4.9	0.85	5.7	0.97	6.1	1.01	6.5	1.07	7.3	1.21	8.1	1.32
	4	4.1	0.73	4.9	0.86	5.7	0.98	6.1	1.03	6.5	1.10	7.3	1.24	8.1	1.35
	6	4.1	0.75	4.9	0.88	5.7	1.00	6.1	1.05	6.5	1.12	7.3	1.26	8.1	1.39
	8	4.1	0.76	4.9	0.89	5.7	1.01	6.1	1.07	6.5	1.13	7.3	1.28	8.1	1.44
	10	4.1	0.78	4.9	0.90	5.7	1.03	6.1	1.09	6.5	1.16	7.3	1.31	8.1	1.46
	12	4.1	0.79	4.9	0.91	5.7	1.05	6.1	1.11	6.5	1.19	7.3	1.33	8.1	1.48
	14	4.1	0.80	4.9	0.93	5.7	1.06	6.1	1.14	6.5	1.21	7.3	1.36	8.1	1.51
	16	4.1	0.81	4.9	0.94	5.7	1.08	6.1	1.15	6.5	1.22	7.3	1.38	8.1	1.54
	18	4.1	0.82	4.9	0.95	5.7	1.09	6.1	1.17	6.5	1.25	7.3	1.40	8.1	1.57
	20	4.1	0.83	4.9	0.97	5.7	1.11	6.1	1.19	6.5	1.27	7.3	1.43	8.1	1.60
	21	4.1	0.84	4.9	0.98	5.7	1.12	6.1	1.20	6.5	1.28	7.3	1.44	8.1	1.61
	23	4.1	0.85	4.9	0.99	5.7	1.14	6.1	1.22	6.5	1.30	7.3	1.47	8.1	1.65
	25	4.1	0.86	4.9	1.01	5.7	1.16	6.1	1.25	6.5	1.34	7.3	1.54	8.1	1.76
	27	4.1	0.88	4.9	1.05	5.7	1.23	6.1	1.33	6.5	1.43	7.3	1.64	8.1	1.87
	29	4.1	0.93	4.9	1.11	5.7	1.30	6.1	1.41	6.5	1.52	7.3	1.75	8.1	2.00
	31	4.1	0.98	4.9	1.17	5.7	1.38	6.1	1.50	6.5	1.61	7.3	1.86	8.1	2.12
	33	4.1	1.04	4.9	1.24	5.7	1.47	6.1	1.58	6.5	1.71	7.3	1.97	8.1	2.26
	35	4.1	1.09	4.9	1.31	5.7	1.55	6.1	1.68	6.5	1.81	7.3	2.10	8.1	2.40
	37	4.1	1.15	4.9	1.39	5.7	1.64	6.1	1.78	6.5	1.92	7.3	2.22	8.1	2.55
	39	4.1	1.22	4.9	1.46	5.7	1.73	6.1	1.88	6.5	2.04	7.3	2.36	8.1	2.71
	41	4.1	1.27	4.9	1.52	5.7	1.80	6.1	1.97	6.5	2.13	7.3	2.48	8.1	2.83
	43	4.1	1.35	4.9	1.63	5.7	1.86	6.1	2.06	6.5	2.18	7.3	2.61	8.1	2.96
	45	4.1	1.38	4.9	1.67	5.7	1.99	6.1	2.22	6.5	2.27	7.3	2.86	8.1	3.21
	48	4.1	1.41	4.9	1.71	5.7	2.10	6.1	2.36	6.5	2.38	7.3	3.08	8.1	3.45
	50	4.1	1.42	4.9	1.73	5.7	2.11	6.1	2.37	6.4	2.39	7.2	3.10	8.0	3.47
	52	4.0	1.43	4.8	1.73	5.6	2.12	6.0	2.38	6.3	2.39	7.1	3.12	7.9	3.48
	54	4.0	1.44	4.7	1.75	5.5	2.14	5.9	2.39	6.2	2.41	7.0	3.14	7.8	3.51

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is above 43 degrees in cooling mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.8: IDV-V120W/DHN1(C) heating capacity

Combination (%) (Capacity index)	Outdoor temperature (° C DB)		Indoor temperature(° C WD)											
			16.00		18.00		20.00		21.00		22.00		24.00	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-13.7	-15	11.92	2.87	11.88	2.95	11.83	3.07	11.83	3.15	11.79	3.23	11.75	3.28
	-11.8	-13	12.10	2.92	12.06	3.00	12.01	3.13	12.01	3.21	11.97	3.29	11.97	3.33
	-9.8	-11	12.28	2.97	12.23	3.05	12.19	3.16	12.19	3.24	12.19	3.32	12.14	3.33
	-9.5	-10	12.37	3.01	12.32	3.08	12.32	3.21	12.28	3.29	12.28	3.37	12.23	3.38
	-8.5	-9.1	12.45	3.05	12.41	3.13	12.37	3.25	12.37	3.33	12.37	3.41	12.32	3.42
	-7	-7.6	12.59	3.06	12.54	3.17	12.54	3.28	12.50	3.35	12.50	3.46	12.45	3.46
	-5	-5.6	13.56	3.19	13.52	3.26	13.47	3.38	13.47	3.48	13.43	3.48	13.39	3.51
	-3	-3.7	13.74	3.27	13.70	3.31	13.65	3.44	13.65	3.54	13.61	3.52	13.56	3.55
	0	-0.7	14.01	3.36	13.96	3.34	13.92	3.48	13.92	3.58	13.87	3.58	13.87	3.58
	3	2.2	15.47	3.56	15.29	3.56	15.25	3.66	15.20	3.73	15.20	3.77	15.16	3.80
	5	4.1	19.24	4.30	18.46	4.25	18.17	4.23	17.46	4.09	16.75	4.05	15.38	3.87
	7	6	19.55	4.33	18.82	4.13	18.17	4.02	17.46	3.92	16.75	3.88	15.38	3.74
	9	7.9	19.55	4.12	18.82	3.93	18.17	3.90	17.46	3.85	16.75	3.78	15.38	3.65
	11	9.8	19.55	3.92	18.82	3.77	18.17	3.77	17.46	3.72	16.75	3.67	15.38	3.51
	13	11.8	19.55	3.73	18.82	3.66	18.17	3.66	17.46	3.65	16.75	3.59	15.38	3.45
	15	13.7	19.55	3.61	18.82	3.58	18.17	3.56	17.46	3.51	16.75	3.49	15.38	3.32
120%	-13.7	-15	11.91	3.14	11.87	3.22	11.82	3.31	11.82	3.39	11.82	3.47	11.78	3.49
	-11.8	-13	12.09	3.18	12.04	3.26	12.02	3.36	12.00	3.43	12.00	3.51	11.96	3.53
	-9.8	-11	12.27	3.20	12.22	3.28	12.22	3.40	12.18	3.47	12.18	3.55	12.13	3.60
	-9.5	-10	12.36	3.24	12.31	3.30	12.31	3.42	12.27	3.49	12.27	3.57	12.22	3.64
	-8.5	-9.1	12.44	3.27	12.40	3.35	12.40	3.46	12.36	3.53	12.36	3.61	12.31	3.65
	-7	-7.6	12.58	3.33	12.53	3.41	12.53	3.50	12.49	3.57	12.49	3.65	12.44	3.69
	-5	-5.6	13.56	3.35	13.51	3.43	13.47	3.53	13.47	3.61	13.47	3.68	13.42	3.75
	-3	-3.7	13.73	3.41	13.69	3.49	13.64	3.58	13.64	3.65	13.60	3.73	13.60	3.77
	0	-0.7	14.00	3.46	13.96	3.54	13.91	3.61	13.91	3.68	13.91	3.76	13.87	3.80
	3	2.2	15.29	3.67	15.29	3.76	15.24	3.79	15.20	3.87	15.20	3.94	14.22	3.76
	5	4.1	19.24	4.11	18.09	4.07	16.80	4.00	16.13	3.92	15.51	3.88	14.22	3.65
	7	6	19.38	4.08	18.09	3.90	16.80	3.80	16.13	3.73	15.51	3.71	14.22	3.56
	9	7.9	19.38	3.90	18.09	3.72	16.80	3.68	16.13	3.61	15.51	3.60	14.22	3.45
	11	9.8	19.38	3.78	18.09	3.64	16.80	3.56	16.13	3.50	15.51	3.47	14.22	3.32
	13	11.8	19.38	3.68	18.09	3.55	16.80	3.46	16.13	3.45	15.51	3.41	14.22	3.25
	15	13.7	19.38	3.60	18.09	3.45	16.80	3.36	16.13	3.32	15.51	3.29	14.22	3.13

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is below -15 degrees in heating mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

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Table 2-7.8: IDV-V120W/DHN1(C) heating capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (° C DB)		Indoor temperature(° C WD)											
			16.00		18.00		20.00		21.00		22.00		24.00	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-13.7	-15	11.87	3.18	11.82	3.25	11.78	3.32	11.78	3.24	11.78	3.30	11.73	3.38
	-11.8	-13	12.04	3.22	12.00	3.29	12.00	3.36	11.96	3.27	11.96	3.34	11.91	3.42
	-9.8	-11	12.22	3.23	12.18	3.30	12.18	3.37	12.13	3.33	12.13	3.38	12.09	3.46
	-9.5	-10	12.31	3.26	12.31	3.33	12.27	3.40	12.22	3.34	12.22	3.42	12.18	3.50
	-8.5	-9.1	12.40	3.30	12.36	3.37	12.36	3.44	12.31	3.37	12.31	3.45	12.27	3.54
	-7	-7.6	12.53	3.33	12.49	3.40	12.49	3.47	12.44	3.42	12.44	3.49	12.40	3.55
	-5	-5.6	13.51	3.38	13.47	3.45	13.42	3.52	13.42	3.45	13.42	3.51	13.02	3.51
	-3	-3.7	13.69	3.40	13.64	3.47	13.60	3.54	13.60	3.48	13.60	3.56	13.02	3.45
	0	-0.7	13.96	3.48	13.91	3.55	13.91	3.62	13.87	3.51	13.87	3.59	13.02	3.40
	3	2.2	15.24	3.64	15.24	3.71	15.20	3.78	14.80	3.65	14.22	3.62	13.02	3.37
	5	4.1	17.78	3.97	16.58	3.96	15.42	3.69	14.80	3.59	14.22	3.52	13.02	3.36
	7	6	17.78	3.82	16.58	3.73	15.42	3.51	14.80	3.41	14.22	3.36	13.02	3.27
	9	7.9	17.78	3.65	16.58	3.53	15.42	3.38	14.80	3.33	14.22	3.29	13.02	3.22
	11	9.8	17.78	3.52	16.58	3.40	15.42	3.28	14.80	3.21	14.22	3.18	13.02	3.11
	13	11.8	17.78	3.42	16.58	3.29	15.42	3.18	14.80	3.11	14.22	3.07	13.02	3.00
	15	13.7	17.78	3.32	16.58	3.18	15.42	3.07	14.80	3.01	14.22	2.97	13.02	2.90
100%	-13.7	-15	12.00	3.79	11.96	3.83	11.96	3.87	11.91	3.89	11.91	3.91	11.87	3.82
	-11.8	-13	12.18	3.79	12.13	3.84	12.13	3.88	12.09	3.90	12.09	3.92	11.87	3.78
	-9.8	-11	12.27	3.80	12.27	3.84	12.22	3.88	12.22	3.90	12.18	3.92	11.87	3.77
	-9.5	-10	12.36	3.80	12.31	3.84	12.31	3.89	12.27	3.91	12.27	3.93	11.87	3.74
	-8.5	-9.1	12.49	3.81	12.49	3.85	12.44	3.90	12.40	3.91	12.40	3.93	11.87	3.68
	-7	-7.6	13.47	3.81	13.42	3.85	13.42	3.98	13.38	4.05	12.93	3.85	11.87	3.67
	-5	-5.6	13.64	3.82	13.60	3.85	13.60	3.89	13.47	3.94	12.93	3.74	11.87	3.57
	-3	-3.7	13.91	3.82	13.87	3.85	13.87	3.76	13.47	3.71	12.93	3.62	11.87	3.45
	0	-0.7	14.27	3.83	15.07	3.85	14.00	3.66	13.47	3.54	12.93	3.44	11.87	3.30
	3	2.2	15.20	3.75	15.07	3.76	14.00	3.55	13.47	3.37	12.93	3.24	11.87	3.14
	5	4.1	16.13	3.69	15.07	3.57	14.00	3.39	13.47	3.22	12.93	3.11	11.87	3.00
	7	6	16.13	3.64	15.07	3.39	14.00	3.17	13.47	3.05	12.93	2.98	11.87	2.86
	9	7.9	16.13	3.44	15.07	3.21	14.00	3.08	13.47	2.97	12.93	2.89	11.87	2.77
	11	9.8	16.13	3.22	15.07	3.01	14.00	2.98	13.47	2.85	12.93	2.79	11.87	2.66
	13	11.8	16.13	3.01	15.07	2.94	14.00	2.86	13.47	2.75	12.93	2.69	11.87	2.56
	15	13.7	16.13	2.87	15.07	2.81	14.00	2.76	13.47	2.65	12.93	2.59	11.87	2.46

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is below -15 degrees in heating mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.8: IDV-V120W/DHN1(C) heating capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (° C DB)		Indoor temperature(° C WD)											
			16.00		18.00		20.00		21.00		22.00		24.00	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-13.7	-15	11.78	3.84	11.73	3.88	11.73	3.92	11.69	3.94	11.64	3.78	10.67	3.40
	-11.8	-13	11.96	3.85	11.91	3.89	11.91	3.93	11.87	3.89	11.64	3.70	10.67	3.34
	-9.8	-11	12.13	3.85	12.13	3.90	12.09	3.93	12.09	3.81	11.64	3.63	10.67	3.28
	-9.5	-10	12.22	3.86	12.22	3.90	12.18	3.94	12.13	3.78	11.64	3.60	10.67	3.24
	-8.5	-9.1	12.31	3.86	12.27	3.90	12.27	3.93	12.13	3.74	11.64	3.57	10.67	3.22
	-7	-7.6	12.44	3.87	12.44	3.85	12.40	3.87	12.13	3.69	11.64	3.51	10.67	3.17
	-5	-5.6	13.42	3.87	13.38	3.68	12.62	3.71	12.13	3.57	11.64	3.40	10.67	3.08
	-3	-3.7	13.60	3.88	13.56	3.52	12.62	3.53	12.13	3.44	11.64	3.30	10.67	3.00
	0	-0.7	13.87	3.89	13.56	3.34	12.62	3.38	12.13	3.27	11.64	3.13	10.67	2.92
	3	2.2	14.53	3.89	13.56	3.17	12.62	3.19	12.13	3.15	11.64	2.99	10.67	2.82
	5	4.1	14.53	3.79	13.56	3.01	12.62	3.04	12.13	2.99	11.64	2.85	10.67	2.71
	7	6	14.53	3.30	13.56	2.96	12.62	2.84	12.13	2.73	11.64	2.63	10.67	2.41
	9	7.9	14.53	3.10	13.56	2.90	12.62	2.70	12.13	2.60	11.64	2.51	10.67	2.32
	11	9.8	14.53	2.92	13.56	2.74	12.62	2.57	12.13	2.49	11.64	2.40	10.67	2.24
	13	11.8	14.53	2.76	13.56	2.60	12.62	2.46	12.13	2.38	11.64	2.31	10.67	2.16
	15	13.7	14.53	2.64	13.56	2.51	12.62	2.38	12.13	2.31	11.64	2.25	10.67	2.11
80%	-13.7	-15	11.73	3.86	11.69	3.90	11.20	3.57	10.76	3.40	10.36	3.24	9.47	2.93
	-11.8	-13	11.91	3.87	11.87	3.82	11.20	3.49	10.76	3.33	10.36	3.18	9.47	2.88
	-9.8	-11	12.09	3.87	12.04	3.75	11.20	3.43	10.76	3.27	10.36	3.12	9.47	2.82
	-9.5	-10	12.18	3.87	12.04	3.71	11.20	3.39	10.76	3.24	10.36	3.09	9.47	2.79
	-8.5	-9.1	12.27	3.88	12.04	3.68	11.20	3.37	10.76	3.21	10.36	3.06	9.47	2.77
	-7	-7.6	12.40	3.88	12.04	3.62	11.20	3.32	10.76	3.17	10.36	3.02	9.47	2.74
	-5	-5.6	12.93	3.81	12.04	3.51	11.20	3.22	10.76	3.07	10.36	2.94	9.47	2.66
	-3	-3.7	12.93	3.94	12.04	3.38	11.20	3.08	10.76	2.96	10.36	2.83	9.47	2.58
	0	-0.7	12.93	3.89	12.04	3.22	11.20	2.97	10.76	2.87	10.36	2.74	9.47	2.52
	3	2.2	12.93	3.59	12.04	3.04	11.20	2.80	10.76	2.77	10.36	2.64	9.47	2.42
	5	4.1	12.93	3.28	12.04	2.87	11.20	2.68	10.76	2.65	10.36	2.52	9.47	2.37
	7	6	12.93	2.88	12.04	2.69	11.20	2.50	10.76	2.40	10.36	2.31	9.47	2.13
	9	7.9	12.93	2.73	12.04	2.56	11.20	2.40	10.76	2.31	10.36	2.23	9.47	2.07
	11	9.8	12.93	2.59	12.04	2.45	11.20	2.30	10.76	2.23	10.36	2.15	9.47	2.01
	13	11.8	12.93	2.48	12.04	2.35	11.20	2.22	10.76	2.15	10.36	2.09	9.47	1.96
	15	13.7	12.93	2.39	12.04	2.27	11.20	2.16	10.76	2.11	10.36	2.05	9.47	1.93

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is below -15 degrees in heating mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Mini C Series VRF 50Hz

Table 2-7.8: IDV-V120W/DHN1(C) heating capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (° C DB)		Indoor temperature(° C WD)											
			16.00		18.00		20.00		21.00		22.00		24.00	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-13.7	-15	11.29	3.65	10.53	3.36	9.82	3.31	9.42	3.24	9.07	3.19	8.31	3.06
	-11.8	-13	11.29	3.58	10.53	3.30	9.82	3.25	9.42	3.18	9.07	3.14	8.31	3.01
	-9.8	-11	11.29	3.51	10.53	3.23	9.82	3.19	9.42	3.12	9.07	3.08	8.31	2.95
	-9.5	-10	11.29	3.48	10.53	3.21	9.82	3.11	9.42	3.04	9.07	3.00	8.31	2.87
	-8.5	-9.1	11.29	3.45	10.53	3.18	9.82	3.01	9.42	2.94	9.07	2.90	8.31	2.76
	-7	-7.6	11.29	3.40	10.53	3.13	9.82	2.88	9.42	2.81	9.07	2.76	8.31	2.63
	-5	-5.6	11.29	3.29	10.53	3.04	9.82	2.80	9.42	2.73	9.07	2.69	8.31	2.55
	-3	-3.7	11.29	3.12	10.53	2.95	9.82	2.72	9.42	2.65	9.07	2.60	8.31	2.47
	0	-0.7	11.29	2.95	10.53	2.82	9.82	2.60	9.42	2.53	9.07	2.49	8.31	2.36
	3	2.2	11.29	2.79	10.53	2.67	9.82	2.44	9.42	2.37	9.07	2.33	8.31	2.20
	5	4.1	11.29	2.66	10.53	2.50	9.82	2.35	9.42	2.28	9.07	2.24	8.31	2.10
	7	6	11.29	2.55	10.53	2.39	9.82	2.23	9.42	2.17	9.07	2.12	8.31	1.99
	9	7.9	11.29	2.44	10.53	2.30	9.82	2.15	9.42	2.09	9.07	2.04	8.31	1.91
	11	9.8	11.29	2.35	10.53	2.22	9.82	2.07	9.42	2.00	9.07	1.96	8.31	1.82
	13	11.8	11.29	2.26	10.53	2.13	9.82	1.97	9.42	1.90	9.07	1.86	8.31	1.72
	15	13.7	11.29	2.18	10.53	2.03	9.82	1.89	9.42	1.82	9.07	1.78	8.31	1.65
60%	-13.7	-15	9.69	3.25	9.07	3.08	8.40	2.96	8.09	2.84	7.73	2.69	7.11	2.53
	-11.8	-13	9.69	3.13	9.07	2.97	8.40	2.84	8.09	2.74	7.73	2.58	7.11	2.42
	-9.8	-11	9.69	3.03	9.07	2.86	8.40	2.71	8.09	2.62	7.73	2.47	7.11	2.33
	-9.5	-10	9.69	2.92	9.07	2.74	8.40	2.60	8.09	2.50	7.73	2.36	7.11	2.21
	-8.5	-9.1	9.69	2.80	9.07	2.64	8.40	2.49	8.09	2.40	7.73	2.25	7.11	2.08
	-7	-7.6	9.69	2.70	9.07	2.53	8.40	2.40	8.09	2.31	7.73	2.16	7.11	1.99
	-5	-5.6	9.69	2.60	9.07	2.44	8.40	2.28	8.09	2.22	7.73	2.08	7.11	1.89
	-3	-3.7	9.69	2.51	9.07	2.34	8.40	2.18	8.09	2.13	7.73	1.98	7.11	1.83
	0	-0.7	9.69	2.41	9.07	2.25	8.40	2.08	8.09	2.03	7.73	1.89	7.11	1.79
	3	2.2	9.69	2.30	9.07	2.14	8.40	2.00	8.09	1.94	7.73	1.79	7.11	1.73
	5	4.1	9.69	2.18	9.07	2.05	8.40	1.93	8.09	1.86	7.73	1.75	7.11	1.69
	7	6	9.69	2.08	9.07	1.96	8.40	1.84	8.09	1.78	7.73	1.74	7.11	1.66
	9	7.9	9.69	2.04	9.07	1.92	8.40	1.81	8.09	1.74	7.73	1.67	7.11	1.59
	11	9.8	9.69	2.01	9.07	1.89	8.40	1.76	8.09	1.70	7.73	1.63	7.11	1.56
	13	11.8	9.69	1.95	9.07	1.83	8.40	1.71	8.09	1.66	7.73	1.60	7.11	1.52
	15	13.7	9.69	1.93	9.07	1.79	8.40	1.66	8.09	1.62	7.73	1.56	7.11	1.48

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is below -15 degrees in heating mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.

Table 2-7.8: IDV-V120W/DHN1(C) heating capacity (continued)

Combination (%) (Capacity index)	Outdoor temperature (° C DB)		Indoor temperature(° C WD)											
			16.00		18.00		20.00		21.00		22.00		24.00	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50%	-13.7	-15	8.09	2.69	7.56	2.55	7.02	2.45	6.71	2.35	6.44	2.27	5.91	2.10
	-11.8	-13	8.09	2.59	7.56	2.46	7.02	2.35	6.71	2.27	6.44	2.18	5.91	2.00
	-9.8	-11	8.09	2.51	7.56	2.37	7.02	2.24	6.71	2.17	6.44	2.09	5.91	1.93
	-9.5	-10	8.09	2.42	7.56	2.27	7.02	2.15	6.71	2.07	6.44	2.00	5.91	1.83
	-8.5	-9.1	8.09	2.32	7.56	2.19	7.02	2.06	6.71	1.98	6.44	1.91	5.91	1.72
	-7	-7.6	8.09	2.23	7.56	2.10	7.02	1.99	6.71	1.92	6.44	1.84	5.91	1.65
	-5	-5.6	8.09	2.15	7.56	2.02	7.02	1.89	6.71	1.84	6.44	1.76	5.91	1.57
	-3	-3.7	8.09	2.08	7.56	1.94	7.02	1.81	6.71	1.76	6.44	1.69	5.91	1.51
	0	-0.7	8.09	1.99	7.56	1.86	7.02	1.72	6.71	1.68	6.44	1.61	5.91	1.48
	3	2.2	8.09	1.90	7.56	1.77	7.02	1.66	6.71	1.61	6.44	1.53	5.91	1.48
	5	4.1	8.09	1.80	7.56	1.70	7.02	1.60	6.71	1.54	6.44	1.49	5.91	1.46
	7	6	8.09	1.72	7.56	1.62	7.02	1.52	6.71	1.48	6.44	1.47	5.91	1.42
	9	7.9	8.09	1.69	7.56	1.59	7.02	1.50	6.71	1.44	6.44	1.41	5.91	1.37
	11	9.8	8.09	1.67	7.56	1.56	7.02	1.46	6.71	1.41	6.44	1.38	5.91	1.35
	13	11.8	8.09	1.62	7.56	1.51	7.02	1.41	6.71	1.38	6.44	1.35	5.91	1.32
	15	13.7	8.09	1.60	7.56	1.48	7.02	1.37	6.71	1.34	6.44	1.32	5.91	1.28

Abbreviations:

CR: Combination ratio

TC: Total capacity (kW)

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

Notes:

1. Shaded cells are tested under our standard condition.
2. Avoid running the outdoor unit when outdoor air temperature is below -15 degrees in heating mode.
3. The above table shows the average value of conditions may operate.
4. It is recommended to connect less than 130%.