

**Capacity table**

**MCCU-03CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	4.02	3.77	3.66	3.44	3.32	3.14
		Input power	kW	0.98	0.92	0.89	0.85	0.82	0.78
	30°C	Cooling capacity	kW	3.83	3.59	3.48	3.28	3.16	2.99
		Input power	kW	1.04	0.98	0.95	0.91	0.87	0.83
	32°C	Cooling capacity	kW	3.70	3.47	3.37	3.17	3.05	2.88
		Input power	kW	1.09	1.02	0.99	0.95	0.91	0.87
	35°C	Cooling capacity	kW	3.58	3.38	3.28	3.08	2.98	2.81
		Input power	kW	1.12	1.06	1.03	0.98	0.94	0.90
	40°C	Cooling capacity	kW	3.37	3.18	3.08	2.90	2.80	2.64
		Input power	kW	1.20	1.13	1.09	1.04	1.00	0.96
	43°C	Cooling capacity	kW	3.20	3.02	2.93	2.75	2.66	2.51
		Input power	kW	1.25	1.18	1.14	1.08	1.04	0.99
	45°C	Cooling capacity	kW	3.02	2.85	2.77	2.60	2.51	2.37
		Input power	kW	1.30	1.23	1.19	1.13	1.09	1.04

**MCCU-05CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	6.34	5.95	5.78	5.44	5.24	4.95
		Input power	kW	1.55	1.46	1.41	1.35	1.29	1.24
	30°C	Cooling capacity	kW	6.04	5.67	5.50	5.18	4.99	4.72
		Input power	kW	1.65	1.55	1.50	1.43	1.38	1.31
	32°C	Cooling capacity	kW	5.84	5.47	5.31	5.01	4.82	4.56
		Input power	kW	1.72	1.62	1.56	1.49	1.43	1.37
	35°C	Cooling capacity	kW	5.66	5.34	5.18	4.87	4.70	4.44
		Input power	kW	1.78	1.68	1.62	1.55	1.48	1.42
	40°C	Cooling capacity	kW	5.32	5.02	4.87	4.58	4.42	4.17
		Input power	kW	1.89	1.78	1.72	1.65	1.58	1.51
	43°C	Cooling capacity	kW	5.05	4.76	4.63	4.35	4.20	3.97
		Input power	kW	1.97	1.86	1.79	1.71	1.64	1.57
	45°C	Cooling capacity	kW	4.77	4.50	4.37	4.11	3.97	3.75
		Input power	kW	2.06	1.94	1.87	1.79	1.72	1.64

**MCCU-07CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	8.89	8.34	8.09	7.62	7.34	6.94
		Input power	kW	2.17	2.05	1.98	1.89	1.81	1.73
	30°C	Cooling capacity	kW	8.47	7.94	7.71	7.26	6.99	6.61
		Input power	kW	2.31	2.18	2.10	2.01	1.93	1.84
	32°C	Cooling capacity	kW	8.18	7.67	7.45	7.02	6.76	6.39
		Input power	kW	2.40	2.27	2.19	2.09	2.01	1.92
	35°C	Cooling capacity	kW	7.93	7.48	7.26	6.82	6.59	6.22
		Input power	kW	2.49	2.35	2.27	2.17	2.08	1.99
	40°C	Cooling capacity	kW	7.45	7.03	6.82	6.41	6.19	5.85
		Input power	kW	2.65	2.50	2.42	2.31	2.22	2.12
	43°C	Cooling capacity	kW	7.08	6.68	6.48	6.09	5.88	5.56
		Input power	kW	2.76	2.60	2.51	2.40	2.30	2.20
	45°C	Cooling capacity	kW	6.69	6.31	6.13	5.76	5.56	5.25
		Input power	kW	2.88	2.72	2.63	2.51	2.41	2.30

**MCCU-10CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	12.61	11.83	11.48	10.82	10.42	9.84
		Input power	kW	3.08	2.90	2.81	2.68	2.57	2.46
	30°C	Cooling capacity	kW	12.01	11.27	10.94	10.30	9.92	9.38
		Input power	kW	3.27	3.09	2.98	2.85	2.74	2.61
	32°C	Cooling capacity	kW	11.61	10.88	10.57	9.95	9.59	9.06
		Input power	kW	3.41	3.22	3.11	2.97	2.85	2.72
	35°C	Cooling capacity	kW	11.25	10.61	10.30	9.68	9.34	8.83
		Input power	kW	3.53	3.33	3.22	3.07	2.95	2.82
	40°C	Cooling capacity	kW	10.57	9.97	9.68	9.10	8.78	8.30
		Input power	kW	3.76	3.55	3.43	3.27	3.14	3.00
	43°C	Cooling capacity	kW	10.04	9.47	9.20	8.65	8.34	7.88
		Input power	kW	3.91	3.69	3.57	3.40	3.27	3.12
	45°C	Cooling capacity	kW	9.49	8.95	8.69	8.17	7.88	7.45
		Input power	kW	4.09	3.86	3.73	3.56	3.42	3.26

**MCCU-14CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	17.57	16.48	16.00	15.07	14.51	13.72
		Input power	kW	4.29	4.05	3.91	3.73	3.58	3.42
	30°C	Cooling capacity	kW	16.73	15.70	15.24	14.35	13.82	13.06
		Input power	kW	4.56	4.30	4.16	3.97	3.81	3.64
	32°C	Cooling capacity	kW	16.17	15.16	14.72	13.87	13.36	12.62
		Input power	kW	4.75	4.48	4.33	4.14	3.97	3.79
	35°C	Cooling capacity	kW	15.67	14.78	14.35	13.49	13.02	12.30
		Input power	kW	4.92	4.64	4.48	4.28	4.11	3.93
	40°C	Cooling capacity	kW	14.73	13.89	13.49	12.68	12.24	11.56
		Input power	kW	5.24	4.94	4.78	4.56	4.38	4.18
	43°C	Cooling capacity	kW	13.99	13.20	12.81	12.05	11.62	10.98
		Input power	kW	5.45	5.14	4.97	4.74	4.55	4.35
	45°C	Cooling capacity	kW	13.22	12.47	12.11	11.38	10.98	10.38
		Input power	kW	5.69	5.37	5.19	4.96	4.76	4.54

**MCCU-16CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	20.18	18.93	18.38	17.31	16.67	15.75
		Input power	kW	4.93	4.65	4.49	4.29	4.12	3.93
	30°C	Cooling capacity	kW	19.22	18.03	17.50	16.48	15.87	15.00
		Input power	kW	5.24	4.94	4.78	4.56	4.38	4.18
	32°C	Cooling capacity	kW	18.57	17.42	16.91	15.92	15.34	14.49
		Input power	kW	5.46	5.15	4.97	4.75	4.56	4.36
	35°C	Cooling capacity	kW	17.99	16.97	16.48	15.49	14.95	14.13
		Input power	kW	5.65	5.33	5.15	4.92	4.72	4.51
	40°C	Cooling capacity	kW	16.91	15.96	15.49	14.56	14.05	13.28
		Input power	kW	6.02	5.68	5.48	5.24	5.03	4.80
	43°C	Cooling capacity	kW	16.07	15.16	14.72	13.83	13.35	12.62
		Input power	kW	6.26	5.90	5.70	5.45	5.23	4.99
	45°C	Cooling capacity	kW	15.18	14.32	13.91	13.07	12.62	11.92
		Input power	kW	6.54	6.17	5.96	5.69	5.46	5.22

**MCCU-22CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	27.86	26.13	25.37	23.89	23.01	21.74
		Input power	kW	6.80	6.41	6.20	5.92	5.68	5.43
	30°C	Cooling capacity	kW	26.53	24.88	24.16	22.75	21.91	20.71
		Input power	kW	7.23	6.82	6.59	6.30	6.04	5.77
	32°C	Cooling capacity	kW	25.63	24.04	23.34	21.98	21.17	20.01
		Input power	kW	7.53	7.11	6.87	6.56	6.30	6.01
	35°C	Cooling capacity	kW	24.84	23.43	22.75	21.39	20.64	19.50
		Input power	kW	7.80	7.36	7.11	6.79	6.52	6.22
	40°C	Cooling capacity	kW	23.35	22.03	21.39	20.10	19.40	18.33
		Input power	kW	8.31	7.84	7.57	7.23	6.94	6.63
	43°C	Cooling capacity	kW	22.18	20.93	20.32	19.10	18.43	17.41
		Input power	kW	8.64	8.15	7.87	7.52	7.22	6.89
	45°C	Cooling capacity	kW	20.96	19.77	19.20	18.05	17.41	16.46
		Input power	kW	9.03	8.52	8.23	7.86	7.54	7.20

**MCCU-28CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	35.08	32.90	31.94	30.09	28.98	27.38
		Input power	kW	8.58	8.02	7.67	7.33	7.04	6.72
	30°C	Cooling capacity	kW	33.41	31.34	30.42	28.65	27.60	26.08
		Input power	kW	9.18	8.58	8.21	7.84	7.53	7.19
	32°C	Cooling capacity	kW	32.28	30.28	29.39	27.69	26.66	25.20
		Input power	kW	9.61	8.98	8.60	8.21	7.88	7.53
	35°C	Cooling capacity	kW	31.28	29.51	28.65	26.93	25.99	24.56
		Input power	kW	10.01	9.36	8.95	8.55	8.21	7.84
	40°C	Cooling capacity	kW	29.40	27.74	26.93	25.32	24.43	23.09
		Input power	kW	10.66	9.96	9.54	9.11	8.74	8.35
	43°C	Cooling capacity	kW	27.93	26.35	25.58	24.05	23.21	21.93
		Input power	kW	11.19	10.46	10.01	9.56	9.18	8.77
	45°C	Cooling capacity	kW	26.40	24.90	24.18	22.73	21.93	20.73
		Input power	kW	11.70	10.93	10.46	9.99	9.59	9.16



**MCCU-35CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	43.44	40.75	39.56	37.26	35.89	33.91
		Input power	kW	10.48	9.93	9.50	9.08	8.71	8.32
	30°C	Cooling capacity	kW	41.38	38.81	37.68	35.49	34.18	32.30
		Input power	kW	11.21	10.62	10.17	9.71	9.32	8.90
	32°C	Cooling capacity	kW	39.98	37.49	36.40	34.29	33.02	31.20
		Input power	kW	11.73	11.12	10.64	10.17	9.76	9.32
	35°C	Cooling capacity	kW	38.74	36.54	35.48	33.35	32.18	30.41
		Input power	kW	12.22	11.59	11.09	10.59	10.17	9.71
	40°C	Cooling capacity	kW	36.41	34.35	33.35	31.35	30.25	28.59
		Input power	kW	13.02	12.34	11.81	11.28	10.83	10.34
	43°C	Cooling capacity	kW	34.59	32.63	31.68	29.78	28.74	27.16
		Input power	kW	13.67	12.96	12.40	11.84	11.37	10.86
	45°C	Cooling capacity	kW	32.69	30.84	29.94	28.14	27.16	25.67
		Input power	kW	14.15	13.41	12.83	12.26	11.76	11.24

**MCCU-45CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	56.11	52.62	51.09	48.12	46.34	43.79
		Input power	kW	13.36	12.49	11.95	11.41	10.96	10.46
	30°C	Cooling capacity	kW	53.43	50.12	48.66	45.83	44.14	41.71
		Input power	kW	14.53	13.58	12.99	12.41	11.91	11.37
	32°C	Cooling capacity	kW	51.63	48.42	47.01	44.28	42.64	40.30
		Input power	kW	15.21	14.21	13.60	12.99	12.47	11.91
	35°C	Cooling capacity	kW	50.03	47.19	45.82	43.07	41.56	39.28
		Input power	kW	16.01	14.96	14.32	13.67	13.13	12.54
	40°C	Cooling capacity	kW	47.02	44.36	43.07	40.49	39.07	36.92
		Input power	kW	17.42	16.28	15.58	14.88	14.28	13.64
	43°C	Cooling capacity	kW	44.67	42.14	40.92	38.46	37.12	35.07
		Input power	kW	18.46	17.26	16.51	15.77	15.14	14.46
	45°C	Cooling capacity	kW	42.22	39.83	38.67	36.35	35.07	33.15
		Input power	kW	19.30	18.03	17.26	16.48	15.82	15.11

**MCCU-53CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	65.73	61.65	59.85	56.37	54.29	51.31
		Input power	kW	15.49	14.48	13.85	13.23	12.70	12.13
	30°C	Cooling capacity	kW	62.60	58.71	57.00	53.69	51.71	48.86
		Input power	kW	16.84	15.74	15.06	14.38	13.81	13.19
	32°C	Cooling capacity	kW	60.48	56.73	55.08	51.87	49.96	47.21
		Input power	kW	17.82	16.65	15.94	15.22	14.61	13.95
	35°C	Cooling capacity	kW	58.61	55.29	53.68	50.46	48.69	46.02
		Input power	kW	18.76	17.53	16.78	16.02	15.38	14.69
	40°C	Cooling capacity	kW	55.09	51.97	50.46	47.43	45.77	43.25
		Input power	kW	20.41	19.07	18.25	17.43	16.73	15.98
	43°C	Cooling capacity	kW	52.34	49.37	47.94	45.06	43.48	41.09
		Input power	kW	21.63	20.22	19.35	18.48	17.74	16.94
	45°C	Cooling capacity	kW	49.46	46.66	45.30	42.58	41.09	38.83
		Input power	kW	22.61	21.13	20.22	19.31	18.53	17.70

**MCCU-61CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	75.50	70.81	68.75	64.75	62.36	58.93
		Input power	kW	17.79	16.63	15.91	15.20	14.59	13.93
	30°C	Cooling capacity	kW	71.91	67.44	65.48	61.67	59.39	56.13
		Input power	kW	19.34	18.08	17.30	16.52	15.86	15.15
	32°C	Cooling capacity	kW	69.47	65.16	63.26	59.58	57.39	54.23
		Input power	kW	20.47	19.13	18.31	17.48	16.78	16.03
	35°C	Cooling capacity	kW	67.32	63.51	61.66	57.96	55.93	52.86
		Input power	kW	21.55	20.14	19.27	18.40	17.67	16.87
	40°C	Cooling capacity	kW	63.28	59.70	57.96	54.48	52.58	49.68
		Input power	kW	23.44	21.91	20.96	20.02	19.22	18.36
	43°C	Cooling capacity	kW	60.12	56.71	55.06	51.76	49.95	47.20
		Input power	kW	24.85	23.22	22.22	21.22	20.37	19.46
	45°C	Cooling capacity	kW	56.81	53.59	52.03	48.91	47.20	44.60
		Input power	kW	25.97	24.27	23.22	22.18	21.29	20.33

**MCCU-70CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	86.68	81.30	78.93	74.34	71.60	67.66
		Input power	kW	20.43	19.09	18.27	17.45	16.75	16.00
	30°C	Cooling capacity	kW	82.55	77.43	75.17	70.80	68.19	64.44
		Input power	kW	22.21	20.75	19.86	18.97	18.21	17.39
	32°C	Cooling capacity	kW	79.76	74.81	72.63	68.41	65.88	62.26
		Input power	kW	23.50	21.96	21.02	20.07	19.27	18.40
	35°C	Cooling capacity	kW	77.29	72.91	70.79	66.54	64.21	60.68
		Input power	kW	24.74	23.12	22.12	21.13	20.28	19.37
	40°C	Cooling capacity	kW	72.65	68.54	66.54	62.55	60.36	57.04
		Input power	kW	26.91	25.15	24.07	22.99	22.07	21.07
	43°C	Cooling capacity	kW	69.02	65.11	63.22	59.42	57.34	54.19
		Input power	kW	28.53	26.66	25.51	24.36	23.39	22.34
	45°C	Cooling capacity	kW	65.22	61.53	59.74	56.15	54.19	51.21
		Input power	kW	29.81	27.86	26.66	25.46	24.44	23.34

**MCCU-105CN1**

		Refrigerant evaporating temperature		10°C	8°C	7°C	5°C	4°C	2°C
Outdoor ambient temperature	25°C	Cooling capacity	kW	129.73	121.68	118.13	111.26	107.16	101.27
		Input power	kW	30.58	28.58	27.35	26.12	25.07	23.94
	30°C	Cooling capacity	kW	123.56	115.88	112.51	105.96	102.06	96.44
		Input power	kW	33.24	31.06	29.72	28.39	27.25	26.02
	32°C	Cooling capacity	kW	119.38	111.97	108.70	102.38	98.61	93.18
		Input power	kW	35.17	32.87	31.45	30.04	28.84	27.54
	35°C	Cooling capacity	kW	115.68	109.13	105.95	99.59	96.11	90.82
		Input power	kW	37.02	34.60	33.11	31.62	30.35	28.99
	40°C	Cooling capacity	kW	108.74	102.58	99.59	93.62	90.34	85.37
		Input power	kW	40.28	37.64	36.02	34.40	33.03	31.54
	43°C	Cooling capacity	kW	103.30	97.45	94.61	88.94	85.82	81.10
		Input power	kW	42.70	39.90	38.18	36.47	35.01	33.43
	45°C	Cooling capacity	kW	97.62	92.09	89.41	84.05	81.10	76.64
		Input power	kW	44.62	41.70	39.90	38.11	36.58	34.94