

Model: AJ*054LCLDH

Heating capacity at rated condition: 15.1 kW (6 HP)

Total rated capacity of indoor unit	Outdoor temperature		Indoor temperature													
			16°CDB		18°CDB		20°CDB		21°CDB		22°CDB		24°CDB		26°CDB	
	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
19.6 (130%)	-20.0	-20.7	10.9	3.10	10.8	3.19	10.6	3.29	10.5	3.33	10.5	3.38	10.3	3.48	10.2	3.57
	-15.0	-16.0	12.1	3.41	12.0	3.51	11.8	3.61	11.8	3.66	11.7	3.71	11.5	3.81	11.4	3.91
	-12.0	-13.0	13.0	3.61	12.9	3.71	12.7	3.81	12.7	3.87	12.6	3.92	12.5	4.02	12.3	4.13
	-9.0	-10.0	14.0	3.80	13.9	3.91	13.7	4.02	13.7	4.07	13.6	4.13	13.4	4.24	13.3	4.35
	-7.0	-8.0	14.7	3.94	14.6	4.05	14.4	4.16	14.4	4.21	14.3	4.27	14.1	4.38	14.0	4.49
	-5.0	-6.0	15.5	4.07	15.3	4.18	15.2	4.30	15.1	4.36	15.0	4.41	14.9	4.53	14.7	4.64
	-3.0	-4.0	16.2	4.21	16.1	4.32	15.9	4.44	15.9	4.50	15.8	4.56	15.6	4.68	15.2	4.64
	-1.0	-2.0	17.0	4.35	16.9	4.47	16.7	4.59	16.6	4.65	16.6	4.71	16.4	4.83	15.2	4.43
	0.0	-1.0	17.4	4.42	17.3	4.54	17.1	4.66	17.0	4.72	17.0	4.79	16.4	4.73	15.2	4.33
	2.0	1.0	18.3	4.56	18.1	4.69	17.9	4.81	17.9	4.88	17.7	4.90	16.4	4.51	15.2	4.13
	5.0	4.0	19.6	4.79	19.4	4.92	18.9	4.93	18.3	4.75	17.7	4.57	16.4	4.21	15.2	3.85
	7.0	6.0	20.4	4.94	20.2	5.06	18.9	4.71	18.3	4.53	17.7	4.36	16.4	4.01	15.2	3.67
	9.0	7.8	21.2	5.09	20.2	4.85	18.9	4.51	18.3	4.34	17.7	4.18	16.4	3.84	15.2	3.52
	12.0	10.6	21.5	4.87	20.2	4.54	18.9	4.22	18.3	4.07	17.7	3.91	16.4	3.60	15.2	3.30
	15.0	13.5	21.5	4.55	20.2	4.25	18.9	3.94	18.3	3.80	17.7	3.65	16.4	3.36	15.2	3.08
18.1 (120%)	-20.0	-20.7	10.8	3.17	10.7	3.26	10.5	3.35	10.4	3.40	10.4	3.45	10.2	3.54	10.1	3.63
	-15.0	-16.0	12.0	3.49	11.9	3.59	11.7	3.69	11.6	3.74	11.6	3.79	11.4	3.89	11.3	3.99
	-12.0	-13.0	12.9	3.69	12.8	3.80	12.6	3.90	12.5	3.95	12.5	4.00	12.3	4.11	12.2	4.21
	-9.0	-10.0	13.9	3.90	13.7	4.01	13.6	4.12	13.5	4.17	13.5	4.22	13.3	4.33	13.2	4.44
	-7.0	-8.0	14.6	4.04	14.4	4.15	14.3	4.26	14.2	4.32	14.2	4.37	14.0	4.48	13.9	4.60
	-5.0	-6.0	15.3	4.19	15.2	4.30	15.0	4.41	14.9	4.47	14.9	4.53	14.7	4.64	14.0	4.46
	-3.0	-4.0	16.1	4.33	15.9	4.45	15.8	4.56	15.7	4.62	15.6	4.68	15.2	4.64	14.0	4.26
	-1.0	-2.0	16.9	4.48	16.7	4.60	16.5	4.72	16.5	4.78	16.3	4.81	15.2	4.43	14.0	4.06
	0.0	-1.0	17.3	4.56	17.1	4.68	16.9	4.80	16.9	4.86	16.3	4.70	15.2	4.33	14.0	3.97
	2.0	1.0	18.1	4.71	17.9	4.84	17.5	4.84	16.9	4.66	16.3	4.48	15.2	4.13	14.0	3.79
	5.0	4.0	19.3	4.95	18.7	4.85	17.5	4.51	16.9	4.34	16.3	4.18	15.2	3.85	14.0	3.53
	7.0	6.0	19.8	4.95	18.7	4.63	17.5	4.30	16.9	4.14	16.3	3.99	15.2	3.67	14.0	3.37
	9.0	7.8	19.8	4.75	18.7	4.43	17.5	4.12	16.9	3.97	16.3	3.82	15.2	3.52	14.0	3.23
	12.0	10.6	19.8	4.44	18.7	4.15	17.5	3.86	16.9	3.72	16.3	3.58	15.2	3.30	14.0	3.02
	15.0	13.5	19.8	4.15	18.7	3.88	17.5	3.61	16.9	3.47	16.3	3.34	15.2	3.08	14.0	2.82
16.6 (110%)	-20.0	-20.7	10.7	3.24	10.5	3.34	10.4	3.43	10.3	3.48	10.2	3.52	10.1	3.61	10.0	3.71
	-15.0	-16.0	11.9	3.58	11.7	3.68	11.6	3.78	11.5	3.83	11.5	3.87	11.3	3.97	11.2	4.07
	-12.0	-13.0	12.8	3.80	12.6	3.90	12.5	4.00	12.4	4.05	12.3	4.10	12.2	4.21	12.1	4.31
	-9.0	-10.0	13.7	4.02	13.6	4.12	13.5	4.23	13.4	4.28	13.3	4.34	13.2	4.44	12.8	4.44
	-7.0	-8.0	14.4	4.17	14.3	4.28	14.1	4.38	14.1	4.44	14.0	4.49	13.9	4.60	12.8	4.25
	-5.0	-6.0	15.1	4.32	15.0	4.43	14.9	4.54	14.8	4.60	14.7	4.66	13.9	4.42	12.8	4.06
	-3.0	-4.0	15.9	4.48	15.7	4.59	15.6	4.71	15.5	4.76	15.0	4.58	13.9	4.23	12.8	3.88
	-1.0	-2.0	16.7	4.64	16.5	4.76	16.0	4.71	15.5	4.54	15.0	4.37	13.9	4.03	12.8	3.70
	0.0	-1.0	17.0	4.72	16.9	4.84	16.0	4.60	15.5	4.44	15.0	4.27	13.9	3.94	12.8	3.62
	2.0	1.0	17.8	4.89	17.1	4.72	16.0	4.40	15.5	4.23	15.0	4.08	13.9	3.76	12.8	3.45
	5.0	4.0	18.2	4.71	17.1	4.40	16.0	4.10	15.5	3.95	15.0	3.80	13.9	3.50	12.8	3.22
	7.0	6.0	18.2	4.49	17.1	4.20	16.0	3.91	15.5	3.76	15.0	3.62	13.9	3.34	12.8	3.07
	9.0	7.8	18.2	4.30	17.1	4.02	16.0	3.74	15.5	3.61	15.0	3.47	13.9	3.20	12.8	2.94
	12.0	10.6	18.2	4.03	17.1	3.76	16.0	3.51	15.5	3.38	15.0	3.25	13.9	3.00	12.8	2.75
	15.0	13.5	18.2	3.76	17.1	3.52	16.0	3.27	15.5	3.15	15.0	3.03	13.9	2.80	12.8	2.57
15.1 (100%)	-20.0	-20.7	10.9	3.34	10.8	3.43	10.6	3.52	10.5	3.56	10.5	3.61	10.3	3.70	10.2	3.79
	-15.0	-16.0	12.1	3.69	12.0	3.78	11.9	3.88	11.8	3.93	11.7	3.98	11.6	4.08	11.4	4.17
	-12.0	-13.0	13.0	3.92	12.9	4.02	12.8	4.12	12.7	4.17	12.6	4.22	12.5	4.32	12.1	4.28
	-9.0	-10.0	14.0	4.15	13.9	4.26	13.8	4.36	13.7	4.41	13.6	4.47	13.1	4.37	12.1	4.01
	-7.0	-8.0	14.7	4.31	14.6	4.42	14.5	4.53	14.4	4.58	14.1	4.52	13.1	4.18	12.1	3.84
	-5.0	-6.0	15.5	4.48	15.3	4.59	15.1	4.66	14.6	4.49	14.1	4.32	13.1	4.00	12.1	3.67
	-3.0	-4.0	16.2	4.65	16.1	4.76	15.1	4.45	14.6	4.29	14.1	4.13	13.1	3.82	12.1	3.51
	-1.0	-2.0	17.0	4.82	16.1	4.56	15.1	4.25	14.6	4.10	14.1	3.94	13.1	3.64	12.1	3.35
	0.0	-1.0	17.1	4.76	16.1	4.45	15.1	4.15	14.6	4.00	14.1	3.85	13.1	3.56	12.1	3.27
	2.0	1.0	17.1	4.54	16.1	4.25	15.1	3.96	14.6	3.82	14.1	3.68	13.1	3.40	12.1	3.12
	5.0	4.0	17.1	4.23	16.1	3.96	15.1	3.69	14.6	3.56	14.1	3.43	13.1	3.16	12.1	2.91
	7.0	6.0	17.1	4.04	16.1	3.78	15.1	3.52	14.6	3.39	14.1	3.27	13.1	3.02	12.1	2.77
	9.0	7.8	17.1	3.87	16.1	3.62	15.1	3.37	14.6	3.25	14.1	3.13	13.1	2.89	12.1	2.66
	12.0	10.6	17.1	3.62	16.1	3.39	15.1	3.16	14.6	3.04	14.1	2.93	13.1	2.71	12.1	2.49
	15.0	13.5	17.1	3.38	16.1	3.16	15.1	2.95	14.6	2.84	14.1	2.74	13.1	2.53	12.1	2.32
13.5 (90%)	-20.0	-20.7	10.7	3.44	10.6	3.53	10.4	3.62	10.4	3.67	10.3	3.71	10.2	3.80	10.0	3.90
	-15.0	-16.0	12.0	3.82	11.8	3.91	11.7	4.01	11.6	4.06	11.5	4.10	11.4	4.20	10.9	4.07
	-12.0	-13.0	12.8	4.06	12.7	4.16	12.6	4.26	12.5	4.31	12.4	4.36	11.8	4.17	10.9	3.84
	-9.0	-10.0	13.8	4.31	13.7	4.42	13.5	4.52	13.1	4.39	12.7	4.23	11.8	3.91	10.9	3.60
	-7.0	-8.0	14.5	4.49	14.4	4.59	13.5	4.35	13.1	4.20	12.7	4.04	11.8	3.74	10.9	3.44
	-5.0	-6.0	15.2	4.66	14.5	4.46	13.5	4.16	13.1	4.01	12.7	3.86	11.8	3.57	10.9	3.29
	-3.0	-4.0	15.4	4.55	14.5	4.26	13.5	3.97	13.1	3.83	12.7	3.69	11.8	3.41	10.9	3.14
	-1.0	-2.0	15.4	4.34	14.5	4.06	13.5	3.79	13.1	3.66	12.7	3.52	11.8	3.26	10.9	3.00
	0.0	-1.0	15.4	4.24	14.5	3.97	13.5	3.71	13.1	3.57	12.7	3.44	11.8	3.18	10.9	2.93
	2.0	1.0	15.4	4.05	14.5	3.79	13.5	3.54	13.1	3.41	12.7	3.28	11.8	3.04	10.9	2.79
	5.0	4.0	15.4	3.77	14.5	3.53	13.5	3.29	13.1	3.18	12.7	3.06	11.8	2.83	10.9	2.60
	7.0	6.0	15.4	3.60	14.5	3.37	13.5	3.14	13.1	3.03	12.7	2.92	11.8	2.70	10.9	2.48
	9.0	7.8	15.4	3.45	14.5	3.23	13.5	3.01	13.1	2.90	12.7	2.80	11.8	2.59	10.9	2.38
	12.0	10.6	15.4	3.23	14.5	3.02	13.5	2.82	13.1	2.72	12.7	2.62	11.8	2.42	10.9	2.23
	15.0	13.5	15.4	3.01	14.5	2.82	13.5	2.63	13.1	2.54	12.7	2.45	11.8	2.26	10.9	2.08

MODEL SELECTION

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Heating capacity at rated condition: 15.1 kW (6 HP)

Total rated capacity of indoor unit	Outdoor temperature		Indoor temperature													
			16°CDB		18°CDB		20°CDB		21°CDB		22°CDB		24°CDB		26°CDB	
	°CDB	°CWB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
12.0 (80%)	-20.0	-20.7	10.5	3.57	10.4	3.66	10.2	3.75	10.2	3.80	10.1	3.84	10.0	3.93	9.7	3.93
	-15.0	-16.0	11.7	3.97	11.6	4.06	11.5	4.16	11.4	4.21	11.3	4.23	10.5	3.92	9.7	3.61
	-12.0	-13.0	12.6	4.23	12.5	4.33	12.0	4.28	11.7	4.13	11.3	3.98	10.5	3.69	9.7	3.40
	-9.0	-10.0	13.6	4.51	12.9	4.30	12.0	4.01	11.7	3.87	11.3	3.73	10.5	3.46	9.7	3.18
	-7.0	-8.0	13.7	4.38	12.9	4.11	12.0	3.84	11.7	3.71	11.3	3.57	10.5	3.31	9.7	3.05
	-5.0	-6.0	13.7	4.19	12.9	3.93	12.0	3.67	11.7	3.54	11.3	3.41	10.5	3.16	9.7	2.91
	-3.0	-4.0	13.7	4.00	12.9	3.75	12.0	3.51	11.7	3.38	11.3	3.26	10.5	3.02	9.7	2.78
	-1.0	-2.0	13.7	3.82	12.9	3.58	12.0	3.35	11.7	3.23	11.3	3.11	10.5	2.88	9.7	2.65
	0.0	-1.0	13.7	3.73	12.9	3.50	12.0	3.27	11.7	3.15	11.3	3.04	10.5	2.81	9.7	2.59
	2.0	1.0	13.7	3.56	12.9	3.34	12.0	3.12	11.7	3.01	11.3	2.90	10.5	2.68	9.7	2.47
	5.0	4.0	13.7	3.32	12.9	3.11	12.0	2.91	11.7	2.80	11.3	2.70	10.5	2.50	9.7	2.30
	7.0	6.0	13.7	3.17	12.9	2.97	12.0	2.77	11.7	2.67	11.3	2.58	10.5	2.39	9.7	2.20
	9.0	7.8	13.7	3.04	12.9	2.84	12.0	2.66	11.7	2.56	11.3	2.47	10.5	2.29	9.7	2.11
	12.0	10.6	13.7	2.84	12.9	2.66	12.0	2.49	11.7	2.40	11.3	2.31	10.5	2.14	9.7	1.97
	15.0	13.5	13.7	2.65	12.9	2.49	12.0	2.32	11.7	2.24	11.3	2.16	10.5	2.00	9.7	1.84
10.5 (70%)	-20.0	-20.7	10.3	3.74	10.1	3.82	10.0	3.91	9.9	3.95	9.8	4.00	9.2	3.72	8.5	3.43
	-15.0	-16.0	11.4	4.16	11.3	4.23	10.5	3.96	10.2	3.82	9.9	3.69	9.2	3.42	8.5	3.15
	-12.0	-13.0	12.0	4.24	11.3	3.98	10.5	3.73	10.2	3.60	9.9	3.47	9.2	3.22	8.5	2.96
	-9.0	-10.0	12.0	3.98	11.3	3.73	10.5	3.49	10.2	3.37	9.9	3.25	9.2	3.01	8.5	2.78
	-7.0	-8.0	12.0	3.81	11.3	3.57	10.5	3.34	10.2	3.23	9.9	3.11	9.2	2.88	8.5	2.66
	-5.0	-6.0	12.0	3.64	11.3	3.41	10.5	3.19	10.2	3.08	9.9	2.97	9.2	2.75	8.5	2.54
	-3.0	-4.0	12.0	3.47	11.3	3.26	10.5	3.05	10.2	2.94	9.9	2.84	9.2	2.63	8.5	2.42
	-1.0	-2.0	12.0	3.32	11.3	3.11	10.5	2.91	10.2	2.81	9.9	2.71	9.2	2.51	8.5	2.31
	0.0	-1.0	12.0	3.24	11.3	3.04	10.5	2.84	10.2	2.74	9.9	2.65	9.2	2.45	8.5	2.26
	2.0	1.0	12.0	3.09	11.3	2.90	10.5	2.71	10.2	2.62	9.9	2.52	9.2	2.34	8.5	2.16
	5.0	4.0	12.0	2.88	11.3	2.70	10.5	2.53	10.2	2.44	9.9	2.35	9.2	2.18	8.5	2.01
	7.0	6.0	12.0	2.75	11.3	2.58	10.5	2.41	10.2	2.33	9.9	2.24	9.2	2.08	8.5	1.92
	9.0	7.8	12.0	2.63	11.3	2.47	10.5	2.31	10.2	2.23	9.9	2.15	9.2	1.99	8.5	1.84
	12.0	10.6	12.0	2.47	11.3	2.31	10.5	2.16	10.2	2.09	9.9	2.02	9.2	1.87	8.5	1.72
	15.0	13.5	12.0	2.30	11.3	2.16	10.5	2.02	10.2	1.95	9.9	1.88	9.2	1.75	8.5	1.61
9.0 (60%)	-20.0	-20.7	9.9	3.94	9.7	3.93	9.0	3.68	8.8	3.56	8.5	3.43	7.9	3.19	7.2	2.94
	-15.0	-16.0	10.3	3.84	9.7	3.61	9.0	3.38	8.8	3.27	8.5	3.15	7.9	2.93	7.2	2.70
	-12.0	-13.0	10.3	3.62	9.7	3.40	9.0	3.18	8.8	3.07	8.5	2.96	7.9	2.75	7.2	2.54
	-9.0	-10.0	10.3	3.39	9.7	3.18	9.0	2.98	8.8	2.88	8.5	2.78	7.9	2.58	7.2	2.38
	-7.0	-8.0	10.3	3.24	9.7	3.04	9.0	2.85	8.8	2.75	8.5	2.66	7.9	2.46	7.2	2.27
	-5.0	-6.0	10.3	3.10	9.7	2.91	9.0	2.72	8.8	2.63	8.5	2.54	7.9	2.35	7.2	2.17
	-3.0	-4.0	10.3	2.96	9.7	2.78	9.0	2.60	8.8	2.51	8.5	2.42	7.9	2.25	7.2	2.08
	-1.0	-2.0	10.3	2.82	9.7	2.65	9.0	2.48	8.8	2.40	8.5	2.31	7.9	2.15	7.2	1.98
	0.0	-1.0	10.3	2.76	9.7	2.59	9.0	2.42	8.8	2.34	8.5	2.26	7.9	2.10	7.2	1.94
	2.0	1.0	10.3	2.63	9.7	2.47	9.0	2.31	8.8	2.23	8.5	2.16	7.9	2.00	7.2	1.85
	5.0	4.0	10.3	2.45	9.7	2.30	9.0	2.16	8.8	2.08	8.5	2.01	7.9	1.87	7.2	1.72
	7.0	6.0	10.3	2.34	9.7	2.20	9.0	2.06	8.8	1.99	8.5	1.92	7.9	1.78	7.2	1.64
	9.0	7.8	10.3	2.24	9.7	2.11	9.0	1.97	8.8	1.91	8.5	1.84	7.9	1.71	7.2	1.58
	12.0	10.6	10.3	2.10	9.7	1.97	9.0	1.85	8.8	1.79	8.5	1.72	7.9	1.60	7.2	1.48
	15.0	13.5	10.3	1.96	9.7	1.84	9.0	1.73	8.8	1.67	8.5	1.61	7.9	1.50	7.2	1.38
7.6 (50%)	-20.0	-20.7	8.6	3.47	8.1	3.27	7.6	3.06	7.3	2.96	7.0	2.86	6.5	2.66	6.0	2.46
	-15.0	-16.0	8.6	3.19	8.1	3.00	7.6	2.81	7.3	2.72	7.0	2.63	6.5	2.44	6.0	2.25
	-12.0	-13.0	8.6	3.00	8.1	2.82	7.6	2.64	7.3	2.56	7.0	2.47	6.5	2.29	6.0	2.12
	-9.0	-10.0	8.6	2.81	8.1	2.64	7.6	2.48	7.3	2.39	7.0	2.31	6.5	2.15	6.0	1.98
	-7.0	-8.0	8.6	2.69	8.1	2.53	7.6	2.37	7.3	2.29	7.0	2.21	6.5	2.05	6.0	1.90
	-5.0	-6.0	8.6	2.57	8.1	2.42	7.6	2.26	7.3	2.19	7.0	2.11	6.5	1.96	6.0	1.81
	-3.0	-4.0	8.6	2.45	8.1	2.31	7.6	2.16	7.3	2.09	7.0	2.02	6.5	1.87	6.0	1.73
	-1.0	-2.0	8.6	2.34	8.1	2.20	7.6	2.06	7.3	1.99	7.0	1.93	6.5	1.79	6.0	1.65
	0.0	-1.0	8.6	2.29	8.1	2.15	7.6	2.02	7.3	1.95	7.0	1.88	6.5	1.75	6.0	1.62
	2.0	1.0	8.6	2.18	8.1	2.05	7.6	1.92	7.3	1.86	7.0	1.80	6.5	1.67	6.0	1.54
	5.0	4.0	8.6	2.03	8.1	1.91	7.6	1.79	7.3	1.73	7.0	1.68	6.5	1.56	6.0	1.44
	7.0	6.0	8.6	1.94	8.1	1.83	7.6	1.71	7.3	1.66	7.0	1.60	6.5	1.49	6.0	1.38
	9.0	7.8	8.6	1.86	8.1	1.75	7.6	1.64	7.3	1.59	7.0	1.53	6.5	1.43	6.0	1.32
	12.0	10.6	8.6	1.74	8.1	1.64	7.6	1.54	7.3	1.49	7.0	1.44	6.5	1.34	6.0	1.24
	15.0	13.5	8.6	1.63	8.1	1.54	7.6	1.44	7.3	1.39	7.0	1.35	6.5	1.25	6.0	1.16

MODEL SELECTION

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