

Model: AJ*054LCLDH

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

Total rated capacity of indoor unit	Outdoor temperature	Indoor temperature															
		20°CDB/15°CWB		23°CDB/16°CWB		24°CDB/17°CWB		26°CDB/18°CWB		27°CDB/19°CWB		28°CDB/20°CWB		30°CDB/22°CWB		32°CDB/23°CWB	
	°CDB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
19.6 (130%)	10	13.9	2.21	15.4	2.42	16.8	2.64	18.2	2.85	19.0	3.06	19.4	3.45	20.3	3.92	20.7	3.96
	15	13.9	2.21	15.4	2.46	16.8	2.84	18.0	3.25	18.4	3.71	18.8	4.22	19.6	4.38	20.0	4.42
	21	13.9	2.67	15.4	3.10	16.8	3.57	17.2	4.09	17.6	4.67	17.9	4.84	18.7	4.94	19.0	4.99
	23	13.9	2.87	15.4	3.33	16.5	3.85	16.9	4.41	17.3	4.97	17.6	5.02	18.3	5.13	18.7	5.18
	25	13.9	3.09	15.4	3.59	16.3	4.14	16.6	4.75	17.0	5.16	17.3	5.21	18.0	5.32	18.4	5.37
	27	13.9	3.32	15.4	3.86	16.0	4.45	16.3	5.12	16.7	5.34	17.0	5.40	17.7	5.51	18.1	5.57
	30	13.9	3.69	15.2	4.30	15.5	4.97	15.9	5.57	16.2	5.64	16.6	5.70	17.2	5.83	17.6	5.85
	33	13.9	4.10	14.8	4.80	15.1	5.58	15.4	5.85	15.8	5.85	16.1	5.85	16.7	5.85	17.1	5.85
	35	13.9	4.42	14.5	5.18	14.8	5.85	15.1	5.85	15.4	5.85	15.8	5.85	16.4	5.85	16.7	5.85
	37	13.9	4.77	14.2	5.60	14.5	5.86	14.8	5.85	15.1	5.85	15.4	5.85	16.1	5.85	16.4	5.85
	40	13.3	4.89	13.5	4.89	13.8	4.89	14.0	4.89	14.2	4.89	14.4	4.88	14.9	4.88	15.1	4.88
	43	12.5	4.89	12.7	4.89	12.9	4.89	13.2	4.89	13.4	4.89	13.6	4.89	14.0	4.89	14.2	4.89
46	11.8	4.89	12.0	4.89	12.2	4.89	12.4	4.89	12.6	4.89	12.8	4.89	13.2	4.89	13.4	4.89	
18.1 (120%)	10	12.9	2.05	14.2	2.24	15.5	2.44	16.8	2.64	18.1	2.84	19.2	3.03	20.1	3.77	20.5	3.91
	15	12.9	2.05	14.2	2.24	15.5	2.49	16.8	2.84	18.1	3.23	18.6	3.65	19.4	4.33	19.7	4.37
	21	12.9	2.37	14.2	2.73	15.5	3.14	16.8	3.58	17.4	4.06	17.8	4.59	18.5	4.88	18.8	4.93
	23	12.9	2.55	14.2	2.94	15.5	3.38	16.8	3.85	17.1	4.37	17.5	4.95	18.2	5.07	18.5	5.12
	25	12.9	2.74	14.2	3.17	15.5	3.64	16.5	4.15	16.8	4.71	17.2	5.15	17.9	5.26	18.2	5.31
	27	12.9	2.94	14.2	3.40	15.5	3.91	16.2	4.46	16.5	5.07	16.9	5.34	17.6	5.45	17.9	5.50
	30	12.9	3.27	14.2	3.79	15.4	4.35	15.8	4.98	16.1	5.57	16.4	5.63	17.1	5.76	17.4	5.82
	33	12.9	3.64	14.2	4.21	15.0	4.86	15.3	5.59	15.6	5.88	16.0	5.90	16.6	5.90	17.0	5.90
	35	12.9	3.90	14.2	4.54	14.7	5.26	15.0	5.90	15.3	5.90	15.7	5.90	16.3	5.90	16.6	5.90
	37	12.9	4.20	14.1	4.90	14.4	5.68	14.7	5.90	15.0	5.90	15.3	5.90	16.0	5.90	16.3	5.90
	40	12.9	4.70	13.4	4.92	13.6	4.92	13.9	4.92	14.1	4.92	14.3	4.92	14.7	4.92	15.0	4.92
	43	12.4	4.93	12.6	4.93	12.8	4.93	13.0	4.93	13.3	4.93	13.5	4.92	13.9	4.92	14.1	4.92
46	11.7	4.93	11.9	4.93	12.1	4.93	12.3	4.93	12.5	4.93	12.7	4.93	13.1	4.93	13.3	4.93	
16.6 (110%)	10	11.8	1.89	13.0	2.07	14.2	2.25	15.4	2.43	16.6	2.61	17.8	2.79	19.8	3.20	20.2	3.57
	15	11.8	1.89	13.0	2.07	14.2	2.25	15.4	2.47	16.6	2.79	17.8	3.13	19.1	3.91	19.5	4.31
	21	11.8	2.09	13.0	2.40	14.2	2.74	15.4	3.11	16.6	3.51	17.6	3.94	18.3	4.81	18.6	4.86
	23	11.8	2.25	13.0	2.59	14.2	2.95	15.4	3.35	16.6	3.78	17.3	4.25	18.0	5.00	18.4	5.05
	25	11.8	2.42	13.0	2.78	14.2	3.17	15.4	3.60	16.6	4.07	17.0	4.57	17.7	5.19	18.1	5.24
	27	11.8	2.60	13.0	2.99	14.2	3.41	15.4	3.87	16.4	4.38	16.7	4.92	17.4	5.37	17.8	5.43
	30	11.8	2.89	13.0	3.32	14.2	3.80	15.4	4.31	16.0	4.88	16.3	5.51	17.0	5.65	17.3	5.65
	33	11.8	3.20	13.0	3.69	14.2	4.22	15.2	4.82	15.5	5.48	15.9	5.65	16.5	5.65	16.8	5.65
	35	11.8	3.43	13.0	3.96	14.2	4.55	14.9	5.20	15.2	5.65	15.5	5.65	16.2	5.65	16.5	5.65
	37	11.8	3.68	13.0	4.27	14.2	4.91	14.6	5.63	14.9	5.65	15.2	5.65	15.8	5.65	16.2	5.65
	40	11.8	4.12	13.0	4.78	13.5	4.96	13.7	4.96	13.9	4.96	14.1	4.96	14.6	4.96	14.8	4.96
	43	11.8	4.60	12.5	4.96	12.7	4.96	12.9	4.96	13.1	4.96	13.3	4.96	13.7	4.96	13.9	4.96
46	11.6	4.96	11.8	4.96	11.9	4.96	12.1	4.96	12.3	4.96	12.5	4.96	12.9	4.96	13.1	4.96	
15.1 (100%)	10	10.7	1.72	11.8	1.89	12.9	2.05	14.0	2.22	15.1	2.38	16.2	2.55	18.4	2.88	19.5	3.04
	15	10.7	1.72	11.8	1.89	12.9	2.05	14.0	2.22	15.1	2.39	16.2	2.67	18.4	3.31	19.2	3.55
	21	10.7	1.83	11.8	2.09	12.9	2.38	14.0	2.68	15.1	3.01	16.2	3.37	18.1	3.99	18.4	4.03
	23	10.7	1.97	11.8	2.25	12.9	2.56	14.0	2.89	15.1	3.24	16.2	3.63	17.8	4.15	18.1	4.19
	25	10.7	2.12	11.8	2.42	12.9	2.75	14.0	3.11	15.1	3.49	16.2	3.90	17.5	4.32	17.8	4.35
	27	10.7	2.28	11.8	2.60	12.9	2.96	14.0	3.34	15.1	3.75	16.2	4.20	17.2	4.48	17.5	4.52
	30	10.7	2.53	11.8	2.89	12.9	3.29	14.0	3.72	15.1	4.18	16.1	4.64	16.8	4.73	17.1	4.77
	33	10.7	2.80	11.8	3.21	12.9	3.65	14.0	4.13	15.1	4.66	15.7	4.90	16.3	5.00	16.6	5.05
	35	10.7	3.00	11.8	3.44	12.9	3.92	14.0	4.45	15.1	5.03	15.4	5.08	16.0	5.14	16.2	5.14
	37	10.7	3.21	11.8	3.69	12.9	4.22	14.0	4.80	14.7	5.14	14.9	5.14	15.4	5.14	15.6	5.14
	40	10.7	3.58	11.8	4.13	12.9	4.73	13.5	5.00	13.7	5.00	13.9	5.00	14.4	5.00	14.6	5.00
	43	10.7	3.99	11.8	4.61	12.5	5.00	12.7	5.00	12.9	5.00	13.1	5.00	13.6	5.00	13.8	5.00
46	10.7	4.46	11.6	5.00	11.8	5.00	12.0	5.00	12.2	5.00	12.4	5.00	12.8	5.00	13.0	5.00	
13.5 (90%)	10	9.7	1.56	10.6	1.71	11.6	1.86	12.6	2.01	13.5	2.15	14.6	2.30	16.5	2.60	17.5	2.75
	15	9.7	1.56	10.6	1.71	11.6	1.86	12.6	2.01	13.5	2.15	14.6	2.30	16.5	2.77	17.5	3.05
	21	9.7	1.60	10.6	1.81	11.6	2.04	12.6	2.30	13.5	2.56	14.6	2.85	16.5	3.48	17.5	3.84
	23	9.7	1.71	10.6	1.95	11.6	2.20	12.6	2.47	13.5	2.76	14.6	3.07	16.5	3.75	17.5	4.13
	25	9.7	1.84	10.6	2.10	11.6	2.37	12.6	2.66	13.5	2.97	14.6	3.30	16.5	4.04	17.2	4.29
	27	9.7	1.98	10.6	2.25	11.6	2.54	12.6	2.85	13.5	3.19	14.6	3.55	16.5	4.34	17.0	4.45
	30	9.7	2.20	10.6	2.50	11.6	2.83	12.6	3.17	13.5	3.55	14.6	3.95	16.2	4.64	16.5	4.64
	33	9.7	2.43	10.6	2.77	11.6	3.13	12.6	3.52	13.5	3.94	14.6	4.39	15.4	4.64	15.6	4.64
	35	9.7	2.60	10.6	2.97	11.6	3.36	12.6	3.78	13.5	4.24	14.4	4.64	14.9	4.64	15.1	4.64
	37	9.7	2.78	10.6	3.18	11.6	3.60	12.6	4.07	13.5	4.57	13.9	4.64	14.3	4.64	14.6	4.64
	40	9.7	3.09	10.6	3.54	11.6	4.02	12.6	4.55	12.9	4.64	13.1	4.64	13.6	4.64	13.8	4.64
	43	9.7	3.44	10.6	3.95	11.6	4.50	12.0	4.64	12.2	4.64	12.4	4.64	12.8	4.64	13.0	4.64
46	9.7	3.83	10.6	4.41	11.1	4.64	11.3	4.64	11.5	4.64	11.7	4.64	12.0	4.64	12.2	4.64	
12.0 (80%)	10	8.6	1.40	9.5	1.53	10.3	1.66	11.2	1.80	12.0	1.93	13.0	2.06	14.7	2.32	15.6	2.45
	15	8.6	1.40	9.5	1.53	10.3	1.66	11.2	1.80	12.0	1.93	13.0	2.06	14.7	2.32	15.6	2.51
	21	8.6	1.43	9.5	1.57	10.3	1.74	11.2	1.94	12.0	2.16	13.0	2.39	14.7	2.89	15.6	3.16
	23	8.6	1.50	9.5	1.67	10.3	1.87	11.2	2.09	12.0	2.32	13.0	2.57	14.7	3.11	15.6	3.41
	25	8.6	1.58	9.5	1.79	10.3	2.01	11.2	2.25	12.0	2.50	13.0	2.76	14.7	3.35	15.6	3.66
	27	8.6	1.70	9.5	1.92	10.3	2.16	11.2	2.42	12.0	2.68	13.0	2.97	14.7	3.60	15.6	3.94
	30	8.6	1.89	9.5	2.14	10.3	2.40	11.2	2.68	12.0	2.98	13.0	3.30	14.7	4.00	15.4	4.26
	33	8.6	2.09	9.5	2.37	10.3	2.66	11.2	2.98	12.0	3.31	13.0	3.67	14.4	4.29	14.6	4.28
	35	8.6	2.23	9.5	2.53	10.3	2.85	11.2	3.19	12.0	3.55	13.0	3.94	14.0	4.31	14.2	4.30
	37	8.6	2.39														

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

Total rated capacity of indoor unit	Outdoor temperature	Indoor temperature															
		20°CDB/15°CWB		23°CDB/16°CWB		24°CDB/17°CWB		26°CDB/18°CWB		27°CDB/19°CWB		28°CDB/20°CWB		30°CDB/22°CWB		32°CDB/23°CWB	
	°CDB	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
10.5 (70%)	10	7.5	1.24	8.3	1.36	9.0	1.47	9.8	1.59	10.5	1.70	11.3	1.82	12.9	2.05	13.6	2.16
	15	7.5	1.24	8.3	1.36	9.0	1.47	9.8	1.59	10.5	1.70	11.3	1.82	12.9	2.05	13.6	2.16
	21	7.5	1.27	8.3	1.39	9.0	1.51	9.8	1.62	10.5	1.79	11.3	1.97	12.9	2.36	13.6	2.57
	23	7.5	1.33	8.3	1.45	9.0	1.58	9.8	1.75	10.5	1.93	11.3	2.13	12.9	2.55	13.6	2.77
	25	7.5	1.39	8.3	1.52	9.0	1.69	9.8	1.88	10.5	2.08	11.3	2.29	12.9	2.74	13.6	2.98
	27	7.5	1.45	8.3	1.62	9.0	1.82	9.8	2.02	10.5	2.23	11.3	2.45	12.9	2.94	13.6	3.20
	30	7.5	1.60	8.3	1.80	9.0	2.02	9.8	2.24	10.5	2.48	11.3	2.73	12.9	3.27	13.6	3.56
	33	7.5	1.77	8.3	1.99	9.0	2.23	9.8	2.48	10.5	2.75	11.3	3.03	12.9	3.63	13.6	3.96
	35	7.5	1.89	8.3	2.13	9.0	2.39	9.8	2.66	10.5	2.94	11.3	3.24	12.9	3.89	13.6	4.26
	37	7.5	2.02	8.3	2.28	9.0	2.55	9.8	2.84	10.5	3.15	11.3	3.47	12.9	4.20	13.3	4.34
	40	7.5	2.23	8.3	2.52	9.0	2.82	9.8	3.15	10.5	3.50	11.0	3.65	11.3	3.63	11.5	3.63
	43	7.5	2.47	8.3	2.79	9.0	3.14	9.8	3.51	10.2	3.68	10.4	3.68	10.7	3.66	10.9	3.65
	46	7.5	2.74	8.3	3.11	9.0	3.50	9.5	3.72	9.7	3.71	9.8	3.70	10.1	3.69	10.3	3.68
	9.0 (60%)	10	6.4	1.08	7.1	1.18	7.7	1.28	8.4	1.37	9.0	1.47	9.7	1.57	11.0	1.77	11.7
15		6.4	1.08	7.1	1.18	7.7	1.28	8.4	1.37	9.0	1.47	9.7	1.57	11.0	1.77	11.7	1.87
21		6.4	1.10	7.1	1.20	7.7	1.31	8.4	1.41	9.0	1.51	9.7	1.61	11.0	1.90	11.7	2.06
23		6.4	1.15	7.1	1.26	7.7	1.37	8.4	1.47	9.0	1.58	9.7	1.73	11.0	2.05	11.7	2.22
25		6.4	1.21	7.1	1.32	7.7	1.43	8.4	1.54	9.0	1.70	9.7	1.86	11.0	2.20	11.7	2.38
27		6.4	1.26	7.1	1.38	7.7	1.50	8.4	1.66	9.0	1.82	9.7	1.99	11.0	2.36	11.7	2.56
30		6.4	1.34	7.1	1.49	7.7	1.66	8.4	1.84	9.0	2.02	9.7	2.21	11.0	2.62	11.7	2.85
33		6.4	1.48	7.1	1.65	7.7	1.84	8.4	2.03	9.0	2.24	9.7	2.45	11.0	2.91	11.7	3.16
35		6.4	1.58	7.1	1.77	7.7	1.97	8.4	2.18	9.0	2.39	9.7	2.62	11.0	3.12	11.7	3.38
37		6.4	1.68	7.1	1.89	7.7	2.10	8.4	2.32	9.0	2.56	9.7	2.81	11.0	3.34	11.7	3.63
40		6.4	1.85	7.1	2.08	7.7	2.32	8.4	2.57	9.0	2.83	9.7	3.11	10.9	3.64	11.1	3.64
43		6.4	2.04	7.1	2.30	7.7	2.57	8.4	2.85	9.0	3.15	9.7	3.47	10.3	3.67	10.5	3.66
46		6.4	2.26	7.1	2.55	7.7	2.85	8.4	3.17	9.0	3.51	9.5	3.71	9.8	3.70	9.9	3.69
7.6 (50%)		10	5.4	0.92	5.9	1.00	6.5	1.08	7.0	1.16	7.6	1.25	8.1	1.33	9.2	1.49	9.7
	15	5.4	0.92	5.9	1.00	6.5	1.08	7.0	1.16	7.6	1.25	8.1	1.33	9.2	1.49	9.7	1.57
	21	5.4	0.94	5.9	1.02	6.5	1.11	7.0	1.19	7.5	1.28	8.1	1.36	9.2	1.53	9.7	1.61
	23	5.4	0.98	5.9	1.07	6.5	1.16	7.0	1.25	7.6	1.33	8.1	1.42	9.2	1.61	9.7	1.73
	25	5.4	1.02	5.9	1.12	6.5	1.21	7.0	1.30	7.6	1.40	8.1	1.49	9.2	1.73	9.7	1.86
	27	5.4	1.07	5.9	1.17	6.5	1.26	7.0	1.36	7.6	1.46	8.1	1.58	9.2	1.85	9.7	2.00
	30	5.4	1.14	5.9	1.24	6.5	1.35	7.0	1.47	7.6	1.61	8.1	1.75	9.2	2.06	9.7	2.22
	33	5.4	1.21	5.9	1.34	6.5	1.48	7.0	1.63	7.6	1.78	8.1	1.94	9.2	2.28	9.7	2.46
	35	5.4	1.28	5.9	1.43	6.5	1.58	7.0	1.74	7.6	1.90	8.1	2.08	9.2	2.44	9.7	2.63
	37	5.4	1.37	5.9	1.52	6.5	1.69	7.0	1.86	7.6	2.03	8.1	2.22	9.2	2.61	9.7	2.81
	40	5.4	1.50	5.9	1.68	6.5	1.86	7.0	2.05	7.6	2.24	8.1	2.45	9.2	2.89	9.7	3.12
	43	5.4	1.65	5.9	1.84	6.5	2.05	7.0	2.26	7.6	2.48	8.1	2.72	9.2	3.21	9.7	3.48
	46	5.4	1.82	5.9	2.04	6.5	2.27	7.0	2.51	7.6	2.76	8.1	3.02	9.2	3.58	9.5	3.70

MODEL SELECTION

MODEL SELECTION