

Model: AJ\*045LCLBH

Cooling capacity at rated condition: 14.0 kW (5 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
18.2 (130%)	10	12.9	1.95	14.2	2.14	15.6	2.33	16.9	2.52	18.2	2.70	18.7	3.06	19.5	3.47	19.9	3.50
	15	12.9	1.95	14.2	2.18	15.6	2.52	16.9	2.88	17.7	3.29	18.0	3.73	18.8	3.87	19.1	3.91
	21	12.9	2.36	14.2	2.74	15.6	3.16	16.5	3.62	16.9	4.13	17.2	4.27	17.9	4.36	18.3	4.40
	23	12.9	2.54	14.2	2.95	15.6	3.40	16.2	3.90	16.6	4.39	16.9	4.43	17.6	4.52	18.0	4.57
	25	12.9	2.73	14.2	3.17	15.6	3.66	16.0	4.19	16.3	4.55	16.6	4.59	17.3	4.69	17.7	4.74
	27	12.9	2.93	14.2	3.41	15.4	3.93	15.7	4.51	16.0	4.71	16.4	4.76	17.0	4.86	17.4	4.91
	30	12.9	3.26	14.2	3.79	15.0	4.38	15.3	4.91	15.6	4.96	15.9	5.02	16.6	5.13	16.9	5.19
	33	12.9	3.62	14.2	4.23	14.5	4.92	14.8	5.17	15.1	5.23	15.5	5.29	16.1	5.41	16.4	5.47
	35	12.9	3.89	13.9	4.56	14.2	5.29	14.5	5.35	14.8	5.41	15.1	5.48	15.8	5.60	16.1	5.67
	37	12.9	4.20	13.6	4.93	13.9	5.47	14.2	5.53	14.5	5.60	14.8	5.66	15.4	5.79	15.7	5.86
16.8 (120%)	10	11.9	1.81	13.2	1.98	14.4	2.16	15.6	2.33	16.8	2.50	18.0	2.68	19.2	3.34	19.6	3.46
	15	11.9	1.81	13.2	1.98	14.4	2.21	15.6	2.52	16.8	2.86	17.8	3.23	18.6	3.82	18.9	3.86
	21	11.9	2.10	13.2	2.42	14.4	2.78	15.6	3.16	16.7	3.59	17.0	4.05	17.7	4.30	18.1	4.35
	23	11.9	2.26	13.2	2.60	14.4	2.99	15.6	3.40	16.4	3.86	16.8	4.36	17.4	4.47	17.8	4.51
	25	11.9	2.42	13.2	2.80	14.4	3.21	15.6	3.66	16.2	4.16	16.5	4.54	17.1	4.63	17.5	4.68
	27	11.9	2.60	13.2	3.01	14.4	3.45	15.6	3.94	15.9	4.47	16.2	4.70	16.9	4.80	17.2	4.85
	30	11.9	2.89	13.2	3.34	14.4	3.84	15.1	4.39	15.5	4.91	15.8	4.96	16.4	5.07	16.7	5.12
	33	11.9	3.21	13.2	3.72	14.4	4.29	14.7	4.93	15.0	5.17	15.3	5.23	15.9	5.35	16.3	5.41
	35	11.9	3.44	13.2	4.00	14.1	4.63	14.4	5.29	14.7	5.35	15.0	5.41	15.6	5.54	15.9	5.60
	37	11.9	3.70	13.2	4.31	13.8	5.00	14.1	5.47	14.4	5.54	14.7	5.60	15.3	5.71	15.6	5.71
15.4 (110%)	10	10.9	1.67	12.1	1.83	13.2	1.99	14.3	2.15	15.4	2.30	16.5	2.46	18.7	2.84	19.3	3.16
	15	10.9	1.67	12.1	1.83	13.2	1.99	14.3	2.19	15.4	2.47	16.5	2.78	18.3	3.46	18.7	3.80
	21	10.9	1.85	12.1	2.13	13.2	2.43	14.3	2.75	15.4	3.10	16.5	3.48	17.5	4.25	17.8	4.29
	23	10.9	1.99	12.1	2.29	13.2	2.61	14.3	2.96	15.4	3.34	16.5	3.75	17.2	4.41	17.6	4.45
	25	10.9	2.14	12.1	2.46	13.2	2.81	14.3	3.18	15.4	3.59	16.3	4.04	17.0	4.57	17.3	4.61
	27	10.9	2.30	12.1	2.64	13.2	3.01	14.3	3.42	15.4	3.86	16.0	4.34	16.7	4.73	17.0	4.78
	30	10.9	2.55	12.1	2.93	13.2	3.35	14.3	3.80	15.3	4.30	15.6	4.86	16.2	5.00	16.6	5.05
	33	10.9	2.83	12.1	3.26	13.2	3.72	14.3	4.24	14.9	4.82	15.2	5.16	15.8	5.24	16.1	5.24
	35	10.9	3.03	12.1	3.49	13.2	4.01	14.3	4.58	14.6	5.22	14.9	5.24	15.5	5.24	15.8	5.24
	37	10.9	3.25	12.1	3.76	13.2	4.32	14.0	4.95	14.3	5.24	14.6	5.24	15.2	5.24	15.5	5.24
14.0 (100%)	10	9.9	1.53	11.0	1.67	12.0	1.82	13.0	1.96	14.0	2.10	15.0	2.25	17.0	2.54	18.1	2.68
	15	9.9	1.53	11.0	1.67	12.0	1.82	13.0	1.96	14.0	2.12	15.0	2.37	17.0	2.93	17.8	3.13
	21	9.9	1.62	11.0	1.86	12.0	2.11	13.0	2.38	14.0	2.67	15.0	2.98	16.7	3.52	17.1	3.55
	23	9.9	1.75	11.0	2.00	12.0	2.27	13.0	2.56	14.0	2.87	15.0	3.20	16.5	3.67	16.8	3.70
	25	9.9	1.88	11.0	2.15	12.0	2.44	13.0	2.75	14.0	3.08	15.0	3.45	16.2	3.81	16.5	3.84
	27	9.9	2.02	11.0	2.30	12.0	2.61	13.0	2.95	14.0	3.31	15.0	3.70	16.0	3.95	16.3	3.99
	30	9.9	2.24	11.0	2.56	12.0	2.90	13.0	3.28	14.0	3.69	15.0	4.09	15.6	4.17	15.9	4.21
	33	9.9	2.48	11.0	2.84	12.0	3.22	13.0	3.64	14.0	4.11	14.6	4.32	15.1	4.40	15.4	4.45
	35	9.9	2.65	11.0	3.04	12.0	3.46	13.0	3.92	14.0	4.43	14.3	4.47	14.9	4.57	15.1	4.61
	37	9.9	2.84	11.0	3.26	12.0	3.72	13.0	4.23	13.7	4.59	14.0	4.63	14.6	4.73	14.8	4.78
12.6 (90%)	10	9.0	1.39	9.9	1.52	10.8	1.65	11.7	1.78	12.6	1.91	13.5	2.04	15.3	2.30	16.2	2.42
	15	9.0	1.39	9.9	1.52	10.8	1.65	11.7	1.78	12.6	1.91	13.5	2.04	15.3	2.45	16.2	2.70
	21	9.0	1.42	9.9	1.61	10.8	1.81	11.7	2.03	12.6	2.27	13.5	2.52	15.3	3.08	16.2	3.39
	23	9.0	1.52	9.9	1.73	10.8	1.95	11.7	2.19	12.6	2.44	13.5	2.71	15.3	3.32	16.2	3.64
	25	9.0	1.63	9.9	1.86	10.8	2.10	11.7	2.35	12.6	2.63	13.5	2.92	15.3	3.57	16.0	3.78
	27	9.0	1.75	9.9	1.99	10.8	2.25	11.7	2.52	12.6	2.82	13.5	3.13	15.3	3.83	15.7	3.93
	30	9.0	1.94	9.9	2.21	10.8	2.50	11.7	2.80	12.6	3.13	13.5	3.49	15.1	4.11	15.3	4.14
	33	9.0	2.15	9.9	2.45	10.8	2.77	11.7	3.11	12.6	3.48	13.5	3.88	14.6	4.31	14.8	4.31
	35	9.0	2.30	9.9	2.62	10.8	2.96	11.7	3.33	12.6	3.74	13.5	4.18	14.1	4.31	14.3	4.31
	37	9.0	2.46	9.9	2.80	10.8	3.18	11.7	3.59	12.6	4.03	13.2	4.31	13.6	4.31	13.8	4.31
11.2 (80%)	10	8.0	1.24	8.8	1.36	9.6	1.47	10.4	1.59	11.2	1.71	12.0	1.82	13.6	2.05	14.4	2.17
	15	8.0	1.24	8.8	1.36	9.6	1.47	10.4	1.59	11.2	1.71	12.0	1.82	13.6	2.05	14.4	2.23
	21	8.0	1.27	8.8	1.39	9.6	1.54	10.4	1.72	11.2	1.91	12.0	2.12	13.6	2.56	14.4	2.80
	23	8.0	1.33	8.8	1.48	9.6	1.66	10.4	1.85	11.2	2.06	12.0	2.28	13.6	2.75	14.4	3.01
	25	8.0	1.41	8.8	1.59	9.6	1.79	10.4	1.99	11.2	2.21	12.0	2.45	13.6	2.96	14.4	3.24
	27	8.0	1.51	8.8	1.71	9.6	1.92	10.4	2.14	11.2	2.37	12.0	2.63	13.6	3.18	14.4	3.48
	30	8.0	1.67	8.8	1.89	9.6	2.13	10.4	2.37	11.2	2.64	12.0	2.92	13.6	3.53	14.4	3.87
	33	8.0	1.85	8.8	2.09	9.6	2.35	10.4	2.63	11.2	2.92	12.0	3.24	13.5	3.93	13.7	4.21
	35	8.0	1.98	8.8	2.24	9.6	2.52	10.4	2.82	11.2	3.13	12.0	3.47	13.1	4.24	13.2	4.23
	37	8.0	2.11	8.8	2.39	9.6	2.69	10.4	3.01	11.2	3.36	12.0	3.74	12.6	4.26	12.8	4.25

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Cooling capacity at rated condition: 14.0 kW (5 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
9.8 (70%)	10	7.0	1.10	7.7	1.20	8.4	1.30	9.1	1.41	9.8	1.51	10.5	1.61	11.9	1.81	12.6	1.91
	15	7.0	1.10	7.7	1.20	8.4	1.30	9.1	1.41	9.8	1.51	10.5	1.61	11.9	1.81	12.6	1.91
	21	7.0	1.13	7.7	1.23	8.4	1.34	9.1	1.44	9.8	1.59	10.5	1.75	11.9	2.09	12.6	2.28
	23	7.0	1.18	7.7	1.29	8.4	1.40	9.1	1.55	9.8	1.71	10.5	1.88	11.9	2.25	12.6	2.45
	25	7.0	1.23	7.7	1.35	8.4	1.50	9.1	1.67	9.8	1.84	10.5	2.02	11.9	2.42	12.6	2.64
	27	7.0	1.29	7.7	1.44	8.4	1.61	9.1	1.79	9.8	1.97	10.5	2.17	11.9	2.60	12.6	2.83
	30	7.0	1.42	7.7	1.60	8.4	1.78	9.1	1.98	9.8	2.19	10.5	2.41	11.9	2.89	12.6	3.15
	33	7.0	1.57	7.7	1.77	8.4	1.98	9.1	2.20	9.8	2.43	10.5	2.67	11.9	3.20	12.6	3.49
	35	7.0	1.68	7.7	1.89	8.4	2.11	9.1	2.35	9.8	2.60	10.5	2.86	11.9	3.44	12.6	3.75
	37	7.0	1.79	7.7	2.02	8.4	2.26	9.1	2.51	9.8	2.78	10.5	3.06	11.9	3.70	12.4	4.05
	40	7.0	1.97	7.7	2.22	8.4	2.49	9.1	2.78	9.8	3.09	10.5	3.42	11.1	3.57	11.2	3.56
	43	7.0	2.18	7.7	2.47	8.4	2.77	9.1	3.10	9.8	3.44	10.2	3.61	10.5	3.59	10.7	3.59
	46	7.0	2.42	7.7	2.74	8.4	3.08	9.1	3.45	9.5	3.64	9.7	3.64	10.0	3.62	10.1	3.62
8.4 (60%)	10	6.0	0.96	6.6	1.05	7.2	1.13	7.8	1.22	8.4	1.31	9.0	1.39	10.2	1.57	10.8	1.65
	15	6.0	0.96	6.6	1.05	7.2	1.13	7.8	1.22	8.4	1.31	9.0	1.39	10.2	1.57	10.8	1.65
	21	6.0	0.98	6.6	1.07	7.2	1.16	7.8	1.25	8.4	1.34	9.0	1.43	10.2	1.69	10.8	1.83
	23	6.0	1.03	6.6	1.12	7.2	1.21	7.8	1.31	8.4	1.40	9.0	1.53	10.2	1.81	10.8	1.96
	25	6.0	1.07	6.6	1.17	7.2	1.27	7.8	1.37	8.4	1.51	9.0	1.65	10.2	1.95	10.8	2.11
	27	6.0	1.12	6.6	1.22	7.2	1.33	7.8	1.47	8.4	1.61	9.0	1.77	10.2	2.09	10.8	2.27
	30	6.0	1.19	6.6	1.33	7.2	1.47	7.8	1.63	8.4	1.79	9.0	1.96	10.2	2.32	10.8	2.52
	33	6.0	1.31	6.6	1.47	7.2	1.63	7.8	1.80	8.4	1.98	9.0	2.17	10.2	2.57	10.8	2.79
	35	6.0	1.40	6.6	1.57	7.2	1.74	7.8	1.92	8.4	2.12	9.0	2.32	10.2	2.75	10.8	2.99
	37	6.0	1.49	6.6	1.67	7.2	1.86	7.8	2.06	8.4	2.26	9.0	2.48	10.2	2.95	10.8	3.20
	40	6.0	1.64	6.6	1.84	7.2	2.05	7.8	2.27	8.4	2.50	9.0	2.75	10.2	3.28	10.8	3.57
	43	6.0	1.81	6.6	2.03	7.2	2.27	7.8	2.52	8.4	2.78	9.0	3.06	10.1	3.60	10.3	3.60
	46	6.0	2.00	6.6	2.25	7.2	2.51	7.8	2.80	8.4	3.09	9.0	3.41	9.6	3.63	9.8	3.62
7.0 (50%)	10	5.0	0.82	5.5	0.89	6.0	0.96	6.5	1.04	7.0	1.11	7.5	1.18	8.5	1.32	9.0	1.40
	15	5.0	0.82	5.5	0.89	6.0	0.96	6.5	1.04	7.0	1.11	7.5	1.18	8.5	1.32	9.0	1.40
	21	5.0	0.84	5.5	0.91	6.0	0.99	6.5	1.06	7.0	1.13	7.5	1.21	8.5	1.36	9.0	1.43
	23	5.0	0.87	5.5	0.95	6.0	1.03	6.5	1.11	7.0	1.19	7.5	1.26	8.5	1.43	9.0	1.54
	25	5.0	0.91	5.5	0.99	6.0	1.08	6.5	1.16	7.0	1.24	7.5	1.32	8.5	1.53	9.0	1.65
	27	5.0	0.95	5.5	1.04	6.0	1.12	6.5	1.21	7.0	1.29	7.5	1.40	8.5	1.64	9.0	1.77
	30	5.0	1.01	5.5	1.11	6.0	1.20	6.5	1.31	7.0	1.43	7.5	1.56	8.5	1.82	9.0	1.96
	33	5.0	1.08	5.5	1.19	6.0	1.31	6.5	1.44	7.0	1.58	7.5	1.72	8.5	2.02	9.0	2.17
	35	5.0	1.14	5.5	1.27	6.0	1.40	6.5	1.54	7.0	1.69	7.5	1.84	8.5	2.16	9.0	2.33
	37	5.0	1.21	5.5	1.35	6.0	1.50	6.5	1.64	7.0	1.80	7.5	1.96	8.5	2.30	9.0	2.49
	40	5.0	1.33	5.5	1.49	6.0	1.65	6.5	1.81	7.0	1.98	7.5	2.16	8.5	2.55	9.0	2.76
	43	5.0	1.46	5.5	1.63	6.0	1.81	6.5	2.00	7.0	2.19	7.5	2.40	8.5	2.83	9.0	3.07
	46	5.0	1.61	5.5	1.80	6.0	2.00	6.5	2.21	7.0	2.43	7.5	2.66	8.5	3.15	9.0	3.41

MODEL SELECTION

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