

Model: AJ*045LCLDH

Heating capacity at rated condition: 14.0 kW (5 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
18.2 (130%)	-20.0	-20.7	10.7	2.83	10.5	2.92	10.4	3.01	10.3	3.05	10.2	3.09	10.1	3.18	9.9	3.27
	-15.0	-16.0	11.7	3.12	11.6	3.21	11.5	3.30	11.4	3.35	11.3	3.40	11.2	3.49	11.1	3.58
	-12.0	-13.0	12.6	3.30	12.4	3.40	12.3	3.49	12.2	3.54	12.2	3.59	12.0	3.68	11.9	3.78
	-9.0	-10.0	13.5	3.49	13.4	3.59	13.2	3.68	13.2	3.73	13.1	3.78	13.0	3.88	12.8	3.98
	-7.0	-8.0	14.1	3.61	14.0	3.71	13.9	3.81	13.8	3.86	13.7	3.92	13.6	4.02	13.5	4.12
	-5.0	-6.0	14.8	3.74	14.7	3.84	14.5	3.94	14.5	4.00	14.4	4.05	14.3	4.15	14.1	4.22
	-3.0	-4.0	15.5	3.86	15.4	3.97	15.2	4.08	15.2	4.13	15.1	4.19	15.0	4.29	14.1	4.05
	-1.0	-2.0	16.3	3.99	16.1	4.10	16.0	4.21	15.9	4.27	15.8	4.32	15.2	4.23	14.1	3.88
	0.0	-1.0	16.6	4.06	16.5	4.17	16.3	4.28	16.3	4.34	16.2	4.39	15.2	4.14	14.1	3.79
	2.0	1.0	17.4	4.19	17.2	4.31	17.1	4.42	17.0	4.46	16.4	4.29	15.2	3.96	14.1	3.63
	5.0	4.0	18.6	4.40	18.4	4.52	17.6	4.34	17.0	4.18	16.4	4.02	15.2	3.70	14.1	3.39
	7.0	6.0	19.4	4.55	18.7	4.46	17.6	4.15	17.0	3.99	16.4	3.84	15.2	3.54	14.1	3.24
	9.0	7.8	19.9	4.59	18.7	4.28	17.6	3.98	17.0	3.84	16.4	3.69	15.2	3.40	14.1	3.12
	12.0	10.6	19.9	4.31	18.7	4.02	17.6	3.74	17.0	3.60	16.4	3.46	15.2	3.19	14.1	2.92
	15.0	13.5	19.9	4.03	18.7	3.76	17.6	3.50	17.0	3.37	16.4	3.24	15.2	2.99	14.1	2.74
16.8 (120%)	-20.0	-20.7	10.5	2.90	10.4	2.98	10.3	3.07	10.2	3.11	10.1	3.15	10.0	3.24	9.8	3.33
	-15.0	-16.0	11.6	3.20	11.5	3.29	11.4	3.38	11.3	3.42	11.2	3.47	11.1	3.56	11.0	3.65
	-12.0	-13.0	12.5	3.39	12.3	3.48	12.2	3.58	12.1	3.62	12.1	3.67	11.9	3.77	11.8	3.86
	-9.0	-10.0	13.4	3.58	13.2	3.68	13.1	3.78	13.0	3.83	13.0	3.88	12.8	3.97	12.7	4.07
	-7.0	-8.0	14.0	3.71	13.9	3.81	13.7	3.91	13.7	3.96	13.6	4.01	13.5	4.12	13.0	4.04
	-5.0	-6.0	14.7	3.84	14.5	3.95	14.4	4.05	14.3	4.10	14.3	4.16	14.1	4.22	13.0	3.88
	-3.0	-4.0	15.4	3.98	15.2	4.09	15.1	4.19	15.0	4.25	15.0	4.30	14.1	4.05	13.0	3.72
	-1.0	-2.0	16.1	4.12	16.0	4.23	15.8	4.34	15.7	4.37	15.1	4.20	14.1	3.88	13.0	3.56
	0.0	-1.0	16.5	4.19	16.3	4.30	16.2	4.41	15.7	4.27	15.1	4.11	14.1	3.79	13.0	3.48
	2.0	1.0	17.2	4.33	17.1	4.45	16.2	4.24	15.7	4.09	15.1	3.93	14.1	3.63	13.0	3.33
	5.0	4.0	18.4	4.56	17.3	4.26	16.2	3.97	15.7	3.82	15.1	3.68	14.1	3.39	13.0	3.11
	7.0	6.0	18.4	4.36	17.3	4.08	16.2	3.79	15.7	3.66	15.1	3.52	14.1	3.24	13.0	2.98
	9.0	7.8	18.4	4.19	17.3	3.91	16.2	3.64	15.7	3.51	15.1	3.38	14.1	3.12	13.0	2.86
	12.0	10.6	18.4	3.93	17.3	3.67	16.2	3.42	15.7	3.29	15.1	3.17	14.1	2.92	13.0	2.68
	15.0	13.5	18.4	3.68	17.3	3.44	16.2	3.20	15.7	3.08	15.1	2.97	14.1	2.74	13.0	2.51
15.4 (110%)	-20.0	-20.7	10.4	2.97	10.3	3.06	10.1	3.14	10.1	3.18	10.0	3.23	9.9	3.31	9.7	3.40
	-15.0	-16.0	11.5	3.29	11.4	3.37	11.2	3.46	11.2	3.51	11.1	3.55	11.0	3.64	10.9	3.74
	-12.0	-13.0	12.3	3.49	12.2	3.58	12.1	3.67	12.0	3.72	11.9	3.77	11.8	3.86	11.7	3.95
	-9.0	-10.0	13.2	3.69	13.1	3.79	13.0	3.88	12.9	3.93	12.8	3.98	12.7	4.08	11.9	3.84
	-7.0	-8.0	13.8	3.83	13.7	3.93	13.6	4.03	13.5	4.08	13.4	4.13	12.9	4.01	11.9	3.69
	-5.0	-6.0	14.5	3.97	14.4	4.07	14.2	4.18	14.2	4.23	13.9	4.17	12.9	3.85	11.9	3.54
	-3.0	-4.0	15.2	4.12	15.1	4.22	14.9	4.30	14.4	4.15	13.9	3.99	12.9	3.69	11.9	3.39
	-1.0	-2.0	15.9	4.27	15.8	4.37	14.9	4.12	14.4	3.97	13.9	3.82	12.9	3.53	11.9	3.24
	0.0	-1.0	16.3	4.34	15.9	4.33	14.9	4.03	14.4	3.89	13.9	3.74	12.9	3.46	11.9	3.17
	2.0	1.0	16.8	4.43	15.9	4.14	14.9	3.86	14.4	3.72	13.9	3.58	12.9	3.31	11.9	3.04
	5.0	4.0	16.8	4.14	15.9	3.87	14.9	3.61	14.4	3.48	13.9	3.35	12.9	3.09	11.9	2.84
	7.0	6.0	16.8	3.96	15.9	3.70	14.9	3.45	14.4	3.32	13.9	3.20	12.9	2.95	11.9	2.71
	9.0	7.8	16.8	3.80	15.9	3.55	14.9	3.31	14.4	3.19	13.9	3.07	12.9	2.84	11.9	2.61
	12.0	10.6	16.8	3.57	15.9	3.34	14.9	3.11	14.4	3.00	13.9	2.88	12.9	2.66	11.9	2.45
	15.0	13.5	16.8	3.34	15.9	3.12	14.9	2.91	14.4	2.80	13.9	2.70	12.9	2.49	11.9	2.29
14.0 (100%)	-20.0	-20.7	10.7	3.06	10.5	3.14	10.4	3.23	10.3	3.27	10.2	3.31	10.1	3.40	9.9	3.48
	-15.0	-16.0	11.8	3.39	11.6	3.48	11.5	3.57	11.4	3.61	11.4	3.65	11.2	3.74	11.1	3.83
	-12.0	-13.0	12.6	3.60	12.5	3.69	12.3	3.79	12.3	3.83	12.2	3.88	12.1	3.97	11.2	3.68
	-9.0	-10.0	13.5	3.82	13.4	3.91	13.2	4.01	13.2	4.06	13.1	4.08	12.1	3.78	11.2	3.48
	-7.0	-8.0	14.2	3.97	14.0	4.07	13.9	4.16	13.5	4.07	13.1	3.92	12.1	3.63	11.2	3.34
	-5.0	-6.0	14.8	4.12	14.7	4.22	14.0	4.05	13.5	3.91	13.1	3.76	12.1	3.48	11.2	3.20
	-3.0	-4.0	15.5	4.28	14.9	4.16	14.0	3.88	13.5	3.74	13.1	3.61	12.1	3.33	11.2	3.07
	-1.0	-2.0	15.9	4.26	14.9	3.99	14.0	3.72	13.5	3.58	13.1	3.45	12.1	3.19	11.2	2.93
	0.0	-1.0	15.9	4.16	14.9	3.90	14.0	3.64	13.5	3.51	13.1	3.38	12.1	3.12	11.2	2.87
	2.0	1.0	15.9	3.99	14.9	3.73	14.0	3.48	13.5	3.35	13.1	3.23	12.1	2.99	11.2	2.75
	5.0	4.0	15.9	3.73	14.9	3.49	14.0	3.25	13.5	3.14	13.1	3.02	12.1	2.79	11.2	2.57
	7.0	6.0	15.9	3.56	14.9	3.34	14.0	3.11	13.5	3.00	13.1	2.89	12.1	2.67	11.2	2.45
	9.0	7.8	15.9	3.42	14.9	3.20	14.0	2.99	13.5	2.88	13.1	2.77	12.1	2.56	11.2	2.36
	12.0	10.6	15.9	3.21	14.9	3.01	14.0	2.80	13.5	2.70	13.1	2.60	12.1	2.41	11.2	2.21
	15.0	13.5	15.9	3.01	14.9	2.81	14.0	2.62	13.5	2.53	13.1	2.44	12.1	2.25	11.2	2.07
12.6 (90%)	-20.0	-20.7	10.5	3.16	10.3	3.25	10.2	3.33	10.1	3.37	10.1	3.41	9.9	3.50	9.8	3.58
	-15.0	-16.0	11.6	3.51	11.5	3.60	11.3	3.69	11.3	3.73	11.2	3.77	10.9	3.79	10.1	3.49
	-12.0	-13.0	12.4	3.74	12.3	3.83	12.1	3.92	12.1	3.97	11.8	3.87	10.9	3.59	10.1	3.30
	-9.0	-10.0	13.3	3.97	13.2	4.07	12.6	3.93	12.2	3.79	11.8	3.66	10.9	3.39	10.1	3.12
	-7.0	-8.0	13.9	4.13	13.4	4.04	12.6	3.77	12.2	3.64	11.8	3.51	10.9	3.25	10.1	2.99
	-5.0	-6.0	14.3	4.14	13.4	3.88	12.6	3.62	12.2	3.49	11.8	3.37	10.9	3.12	10.1	2.87
	-3.0	-4.0	14.3	3.96	13.4	3.72	12.6	3.47	12.2	3.35	11.8	3.23	10.9	2.99	10.1	2.75
	-1.0	-2.0	14.3	3.80	13.4	3.56	12.6	3.32	12.2	3.20	11.8	3.09	10.9	2.86	10.1	2.63
	0.0	-1.0	14.3	3.71	13.4	3.48	12.6	3.25	12.2	3.13	11.8	3.02	10.9	2.80	10.1	2.57
	2.0	1.0	14.3	3.55	13.4	3.33	12.6	3.11	12.2	3.00	11.8	2.89	10.9	2.67	10.1	2.46
	5.0	4.0	14.3	3.32	13.4	3.11	12.6	2.91	12.2	2.80	11.8	2.70	10.9	2.50	10.1	2.30
	7.0	6.0	14.3	3.18	13.4	2.98	12.6	2.78	12.2	2.68	11.8	2.58	10.9	2.39	10.1	2.20
	9.0	7.8	14.3	3.05	13.4	2.86	12.6	2.67	12.2	2.57	11.8	2.48	10.9	2.30	10.1	2.11
	12.0	10.6	14.3	2.86	13.4	2.68	12.6	2.50	12.2	2.42	11.8	2.33	10.9	2.15	10.1	1.98
	15.0	13.5	14.3	2.68	13.4	2.51	12.6	2.34	12.2	2.26	11.8	2.18	10.9	2.02	10.1	1.86

MODEL SELECTION

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Heating capacity at rated condition: 14.0 kW (5 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
11.2 (80%)	-20.0	-20.7	10.3	3.29	10.1	3.37	10.0	3.45	9.9	3.49	9.9	3.53	9.7	3.61	9.0	3.33
	-15.0	-16.0	11.4	3.66	11.2	3.74	11.1	3.83	10.8	3.75	10.5	3.62	9.7	3.36	9.0	3.09
	-12.0	-13.0	12.2	3.90	11.9	3.94	11.2	3.68	10.8	3.56	10.5	3.43	9.7	3.18	9.0	2.93
	-9.0	-10.0	12.7	3.96	11.9	3.72	11.2	3.48	10.8	3.36	10.5	3.24	9.7	3.00	9.0	2.76
	-7.0	-8.0	12.7	3.80	11.9	3.57	11.2	3.34	10.8	3.22	10.5	3.11	9.7	2.88	9.0	2.65
	-5.0	-6.0	12.7	3.65	11.9	3.42	11.2	3.20	10.8	3.09	10.5	2.98	9.7	2.76	9.0	2.54
	-3.0	-4.0	12.7	3.50	11.9	3.28	11.2	3.07	10.8	2.96	10.5	2.85	9.7	2.64	9.0	2.43
	-1.0	-2.0	12.7	3.35	11.9	3.14	11.2	2.93	10.8	2.83	10.5	2.73	9.7	2.53	9.0	2.33
	0.0	-1.0	12.7	3.28	11.9	3.07	11.2	2.87	10.8	2.77	10.5	2.67	9.7	2.47	9.0	2.28
	2.0	1.0	12.7	3.13	11.9	2.94	11.2	2.75	10.8	2.65	10.5	2.56	9.7	2.37	9.0	2.18
	5.0	4.0	12.7	2.93	11.9	2.75	11.2	2.57	10.8	2.48	10.5	2.39	9.7	2.21	9.0	2.04
	7.0	6.0	12.7	2.80	11.9	2.63	11.2	2.45	10.8	2.37	10.5	2.28	9.7	2.12	9.0	1.95
	9.0	7.8	12.7	2.69	11.9	2.52	11.2	2.36	10.8	2.27	10.5	2.19	9.7	2.03	9.0	1.87
	12.0	10.6	12.7	2.52	11.9	2.37	11.2	2.21	10.8	2.14	10.5	2.06	9.7	1.91	9.0	1.76
	15.0	13.5	12.7	2.36	11.9	2.22	11.2	2.07	10.8	2.00	10.5	1.93	9.7	1.79	9.0	1.65
9.8 (70%)	-20.0	-20.7	10.0	3.45	9.9	3.53	9.7	3.60	9.5	3.52	9.1	3.40	8.5	3.15	7.8	2.91
	-15.0	-16.0	11.1	3.84	10.5	3.62	9.8	3.39	9.5	3.27	9.1	3.16	8.5	2.93	7.8	2.71
	-12.0	-13.0	11.1	3.65	10.5	3.43	9.8	3.21	9.5	3.10	9.1	2.99	8.5	2.78	7.8	2.56
	-9.0	-10.0	11.1	3.45	10.5	3.24	9.8	3.03	9.5	2.92	9.1	2.82	8.5	2.62	7.8	2.41
	-7.0	-8.0	11.1	3.31	10.5	3.11	9.8	2.91	9.5	2.81	9.1	2.71	8.5	2.51	7.8	2.32
	-5.0	-6.0	11.1	3.17	10.5	2.98	9.8	2.79	9.5	2.69	9.1	2.60	8.5	2.41	7.8	2.22
	-3.0	-4.0	11.1	3.04	10.5	2.85	9.8	2.67	9.5	2.58	9.1	2.49	8.5	2.31	7.8	2.13
	-1.0	-2.0	11.1	2.91	10.5	2.73	9.8	2.55	9.5	2.47	9.1	2.38	8.5	2.21	7.8	2.04
	0.0	-1.0	11.1	2.85	10.5	2.67	9.8	2.50	9.5	2.41	9.1	2.33	8.5	2.16	7.8	1.99
	2.0	1.0	11.1	2.72	10.5	2.56	9.8	2.39	9.5	2.31	9.1	2.23	8.5	2.07	7.8	1.91
	5.0	4.0	11.1	2.54	10.5	2.39	9.8	2.24	9.5	2.16	9.1	2.08	8.5	1.93	7.8	1.78
	7.0	6.0	11.1	2.43	10.5	2.28	9.8	2.14	9.5	2.06	9.1	1.99	8.5	1.85	7.8	1.70
	9.0	7.8	11.1	2.34	10.5	2.19	9.8	2.05	9.5	1.98	9.1	1.91	8.5	1.77	7.8	1.64
	12.0	10.6	11.1	2.19	10.5	2.06	9.8	1.93	9.5	1.86	9.1	1.80	8.5	1.67	7.8	1.54
	15.0	13.5	11.1	2.05	10.5	1.93	9.8	1.81	9.5	1.74	9.1	1.68	8.5	1.56	7.8	1.44
8.4 (60%)	-20.0	-20.7	9.5	3.54	9.0	3.33	8.4	3.12	8.1	3.02	7.8	2.91	7.3	2.71	6.7	2.50
	-15.0	-16.0	9.5	3.29	9.0	3.09	8.4	2.90	8.1	2.80	7.8	2.71	7.3	2.51	6.7	2.32
	-12.0	-13.0	9.5	3.12	9.0	2.93	8.4	2.74	8.1	2.65	7.8	2.56	7.3	2.38	6.7	2.20
	-9.0	-10.0	9.5	2.94	9.0	2.76	8.4	2.59	8.1	2.50	7.8	2.41	7.3	2.24	6.7	2.07
	-7.0	-8.0	9.5	2.82	9.0	2.65	8.4	2.48	8.1	2.40	7.8	2.32	7.3	2.15	6.7	1.99
	-5.0	-6.0	9.5	2.70	9.0	2.54	8.4	2.38	8.1	2.30	7.8	2.22	7.3	2.06	6.7	1.90
	-3.0	-4.0	9.5	2.59	9.0	2.43	8.4	2.28	8.1	2.20	7.8	2.13	7.3	1.97	6.7	1.82
	-1.0	-2.0	9.5	2.48	9.0	2.33	8.4	2.18	8.1	2.11	7.8	2.04	7.3	1.89	6.7	1.75
	0.0	-1.0	9.5	2.43	9.0	2.28	8.4	2.13	8.1	2.06	7.8	1.99	7.3	1.85	6.7	1.71
	2.0	1.0	9.5	2.32	9.0	2.18	8.4	2.04	8.1	1.97	7.8	1.91	7.3	1.77	6.7	1.63
	5.0	4.0	9.5	2.17	9.0	2.04	8.4	1.91	8.1	1.85	7.8	1.78	7.3	1.66	6.7	1.53
	7.0	6.0	9.5	2.07	9.0	1.95	8.4	1.83	8.1	1.77	7.8	1.70	7.3	1.58	6.7	1.46
	9.0	7.8	9.5	1.99	9.0	1.87	8.4	1.75	8.1	1.70	7.8	1.64	7.3	1.52	6.7	1.41
	12.0	10.6	9.5	1.87	9.0	1.76	8.4	1.65	8.1	1.59	7.8	1.54	7.3	1.43	6.7	1.32
	15.0	13.5	9.5	1.75	9.0	1.65	8.4	1.54	8.1	1.49	7.8	1.44	7.3	1.34	6.7	1.24
7.0 (50%)	-20.0	-20.7	7.9	2.95	7.5	2.77	7.0	2.60	6.8	2.52	6.5	2.43	6.1	2.26	5.6	2.09
	-15.0	-16.0	7.9	2.74	7.5	2.58	7.0	2.42	6.8	2.34	6.5	2.26	6.1	2.10	5.6	1.94
	-12.0	-13.0	7.9	2.59	7.5	2.44	7.0	2.29	6.8	2.21	6.5	2.14	6.1	1.99	5.6	1.84
	-9.0	-10.0	7.9	2.44	7.5	2.30	7.0	2.15	6.8	2.08	6.5	2.01	6.1	1.87	5.6	1.73
	-7.0	-8.0	7.9	2.34	7.5	2.20	7.0	2.07	6.8	2.00	6.5	1.93	6.1	1.80	5.6	1.66
	-5.0	-6.0	7.9	2.25	7.5	2.11	7.0	1.98	6.8	1.92	6.5	1.85	6.1	1.72	5.6	1.59
	-3.0	-4.0	7.9	2.15	7.5	2.02	7.0	1.90	6.8	1.84	6.5	1.77	6.1	1.65	5.6	1.53
	-1.0	-2.0	7.9	2.06	7.5	1.94	7.0	1.82	6.8	1.76	6.5	1.70	6.1	1.58	5.6	1.46
	0.0	-1.0	7.9	2.02	7.5	1.90	7.0	1.78	6.8	1.72	6.5	1.66	6.1	1.55	5.6	1.43
	2.0	1.0	7.9	1.93	7.5	1.81	7.0	1.70	6.8	1.65	6.5	1.59	6.1	1.48	5.6	1.37
	5.0	4.0	7.9	1.80	7.5	1.70	7.0	1.59	6.8	1.54	6.5	1.49	6.1	1.38	5.6	1.28
	7.0	6.0	7.9	1.72	7.5	1.62	7.0	1.52	6.8	1.47	6.5	1.42	6.1	1.32	5.6	1.23
	9.0	7.8	7.9	1.66	7.5	1.56	7.0	1.46	6.8	1.42	6.5	1.37	6.1	1.27	5.6	1.18
	12.0	10.6	7.9	1.56	7.5	1.47	7.0	1.38	6.8	1.33	6.5	1.29	6.1	1.20	5.6	1.11
	15.0	13.5	7.9	1.46	7.5	1.37	7.0	1.29	6.8	1.25	6.5	1.21	6.1	1.12	5.6	1.04

MODEL SELECTION

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