

## 5. Heating capacity table (Outdoor unit)

- TC: Total capacity (kW)
- IP: Input power of compressor and outdoor fan motor (kW)
- The data is based on the following conditions:
  - Pipe length: 7.5 m
  - Height difference: 0 m

### 5-1. Stand-alone

#### ■ Model: AJ\*072LALDH

Heating capacity at rated condition: 22.4 kW (8HP)																
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
37.5 (150%)	-19.3	-20.0	16.8	4.87	16.7	4.92	16.7	4.97	16.6	4.99	16.6	5.02	16.5	5.07	16.4	5.11
	-15.0	-16.0	18.8	5.03	18.7	5.08	18.7	5.14	18.6	5.17	18.6	5.19	18.5	5.25	18.4	5.31
	-12.0	-13.0	20.4	5.14	20.3	5.20	20.2	5.26	20.1	5.29	20.1	5.32	20.0	5.39	19.9	5.45
	-9.0	-10.0	22.0	5.25	21.8	5.31	21.7	5.38	21.7	5.41	21.6	5.45	21.5	5.52	21.4	5.58
	-7.0	-8.0	23.0	5.32	22.9	5.39	22.8	5.46	22.7	5.50	22.7	5.53	22.6	5.60	22.4	5.67
	-5.0	-6.0	24.1	5.39	24.0	5.46	23.9	5.54	23.8	5.57	23.7	5.61	23.6	5.69	23.5	5.76
	-3.0	-4.0	25.2	5.46	25.1	5.53	24.9	5.61	24.9	5.65	24.8	5.69	24.7	5.77	24.5	5.85
	-1.0	-2.0	26.3	5.53	26.1	5.61	26.0	5.69	25.9	5.73	25.9	5.77	25.7	5.85	25.6	5.93
	0.0	-1.0	26.8	5.56	26.7	5.64	26.5	5.72	26.5	5.76	26.4	5.80	26.2	5.89	26.1	5.97
	2.0	1.0	27.9	5.63	27.8	5.71	27.6	5.79	27.5	5.84	27.5	5.88	27.3	5.96	27.1	6.05
	5.0	4.0	29.6	5.72	29.4	5.81	29.2	5.90	29.2	5.94	29.1	5.99	28.9	6.08	28.7	6.16
	7.0	6.0	30.7	5.78	30.5	5.87	30.3	5.96	30.2	6.01	30.1	6.06	29.9	6.15	29.5	6.16
	9.0	7.8	31.7	5.84	31.5	5.93	31.3	6.02	31.2	6.07	31.1	6.12	30.9	6.21	29.5	5.96
	12.0	10.6	33.3	5.92	33.0	6.01	32.8	6.11	32.7	6.16	32.6	6.20	32.1	6.22	29.5	5.66
15.0	13.5	34.9	6.00	34.6	6.09	34.4	6.19	34.3	6.24	34.2	6.29	32.1	5.90	29.5	5.37	
35.0 (140%)	-19.3	-20.0	16.8	4.90	16.7	4.94	16.6	4.99	16.6	5.01	16.5	5.04	16.5	5.09	16.4	5.13
	-15.0	-16.0	18.8	5.05	18.7	5.11	18.6	5.17	18.6	5.19	18.5	5.22	18.4	5.28	18.3	5.33
	-12.0	-13.0	20.3	5.17	20.2	5.23	20.1	5.29	20.1	5.32	20.0	5.36	19.9	5.42	19.8	5.48
	-9.0	-10.0	21.9	5.29	21.8	5.35	21.7	5.42	21.6	5.45	21.6	5.49	21.5	5.56	21.4	5.62
	-7.0	-8.0	22.9	5.36	22.8	5.43	22.7	5.50	22.7	5.54	22.6	5.57	22.5	5.64	22.4	5.72
	-5.0	-6.0	24.0	5.44	23.9	5.51	23.8	5.58	23.7	5.62	23.6	5.66	23.5	5.73	23.4	5.81
	-3.0	-4.0	25.1	5.51	25.0	5.59	24.8	5.66	24.8	5.70	24.7	5.74	24.6	5.82	24.4	5.90
	-1.0	-2.0	26.2	5.58	26.0	5.66	25.9	5.74	25.8	5.78	25.8	5.82	25.6	5.90	25.5	5.98
	0.0	-1.0	26.7	5.62	26.6	5.70	26.4	5.78	26.4	5.82	26.3	5.86	26.1	5.94	26.0	6.03
	2.0	1.0	27.8	5.69	27.7	5.77	27.5	5.86	27.4	5.90	27.3	5.94	27.2	6.03	27.0	6.11
	5.0	4.0	29.5	5.79	29.3	5.88	29.1	5.97	29.0	6.01	28.9	6.05	28.7	6.14	27.5	5.94
	7.0	6.0	30.5	5.86	30.4	5.95	30.2	6.04	30.1	6.08	30.0	6.13	29.8	6.22	27.5	5.72
	9.0	7.8	31.5	5.91	31.3	6.01	31.1	6.10	31.0	6.15	30.9	6.19	30.0	6.08	27.5	5.53
	12.0	10.6	33.1	6.00	32.9	6.10	32.6	6.19	32.5	6.24	32.4	6.29	30.0	5.77	27.5	5.26
15.0	13.5	34.7	6.09	34.4	6.18	34.2	6.28	33.7	6.23	32.5	5.97	30.0	5.47	27.5	4.99	
32.5 (130%)	-19.3	-20.0	16.7	4.92	16.7	4.97	16.6	5.01	16.5	5.04	16.5	5.06	16.4	5.11	16.3	5.16
	-15.0	-16.0	18.7	5.09	18.6	5.14	18.6	5.20	18.5	5.23	18.5	5.25	18.4	5.31	18.3	5.37
	-12.0	-13.0	20.3	5.21	20.2	5.27	20.1	5.33	20.0	5.36	20.0	5.39	19.9	5.46	19.8	5.52
	-9.0	-10.0	21.8	5.33	21.7	5.40	21.6	5.46	21.6	5.50	21.5	5.53	21.4	5.60	21.3	5.67
	-7.0	-8.0	22.9	5.41	22.8	5.48	22.6	5.55	22.6	5.59	22.5	5.62	22.4	5.69	22.3	5.77
	-5.0	-6.0	23.9	5.49	23.8	5.56	23.7	5.64	23.6	5.67	23.6	5.71	23.4	5.79	23.3	5.86
	-3.0	-4.0	25.0	5.57	24.9	5.65	24.7	5.72	24.7	5.76	24.6	5.80	24.5	5.88	24.3	5.95
	-1.0	-2.0	26.1	5.65	25.9	5.73	25.8	5.81	25.7	5.85	25.6	5.89	25.5	5.97	25.4	6.05
	0.0	-1.0	26.6	5.68	26.5	5.77	26.3	5.85	26.2	5.89	26.2	5.93	26.0	6.01	25.5	6.02
	2.0	1.0	27.7	5.76	27.5	5.84	27.4	5.93	27.3	5.97	27.2	6.01	27.0	6.10	25.5	5.80
	5.0	4.0	29.3	5.87	29.1	5.96	28.9	6.05	28.9	6.09	28.8	6.13	27.9	6.02	25.5	5.49
	7.0	6.0	30.4	5.94	30.2	6.03	30.0	6.12	29.9	6.17	29.8	6.21	27.9	5.80	25.5	5.29
	9.0	7.8	31.3	6.00	31.1	6.10	30.9	6.19	30.8	6.23	30.2	6.12	27.9	5.61	25.5	5.12
	12.0	10.6	32.9	6.10	32.6	6.19	32.4	6.29	31.3	6.05	30.2	5.81	27.9	5.33	25.5	4.86
15.0	13.5	34.4	6.19	34.2	6.29	32.5	5.97	31.3	5.74	30.2	5.51	27.9	5.06	25.5	4.61	
30.0 (120%)	-19.3	-20.0	16.7	4.95	16.6	4.99	16.5	5.04	16.5	5.07	16.4	5.09	16.4	5.14	16.3	5.19
	-15.0	-16.0	18.7	5.12	18.6	5.18	18.5	5.23	18.4	5.26	18.4	5.29	18.3	5.35	18.2	5.40
	-12.0	-13.0	20.2	5.25	20.1	5.31	20.0	5.38	19.9	5.41	19.9	5.44	19.8	5.50	19.7	5.56
	-9.0	-10.0	21.7	5.38	21.6	5.45	21.5	5.52	21.5	5.55	21.4	5.58	21.3	5.65	21.2	5.72
	-7.0	-8.0	22.8	5.47	22.7	5.54	22.5	5.61	22.5	5.64	22.4	5.68	22.3	5.75	22.2	5.82
	-5.0	-6.0	23.8	5.55	23.7	5.63	23.6	5.70	23.5	5.74	23.5	5.77	23.3	5.85	23.2	5.92
	-3.0	-4.0	24.9	5.64	24.7	5.71	24.6	5.79	24.5	5.83	24.5	5.87	24.3	5.94	23.6	5.86
	-1.0	-2.0	25.9	5.72	25.8	5.80	25.7	5.88	25.6	5.92	25.5	5.96	25.4	6.04	23.6	5.64
	0.0	-1.0	26.5	5.76	26.3	5.84	26.2	5.92	26.1	5.96	26.0	6.00	25.7	6.07	23.6	5.53
	2.0	1.0	27.5	5.84	27.4	5.93	27.2	6.01	27.1	6.05	27.0	6.09	25.7	5.84	23.6	5.33
	5.0	4.0	29.1	5.96	28.9	6.05	28.8	6.14	28.7	6.18	27.9	6.02	25.7	5.53	23.6	5.04
	7.0	6.0	30.2	6.04	30.0	6.13	29.8	6.22	28.9	6.04	27.9	5.80	25.7	5.33	23.6	4.86
	9.0	7.8	31.1	6.11	30.9	6.20	30.0	6.08	28.9	5.84	27.9	5.61	25.7	5.15	23.6	4.70
	12.0	10.6	32.6	6.21	32.1	6.22	30.0	5.77	28.9	5.55	27.9	5.33	25.7	4.90	23.6	4.47
15.0	13.5	34.1	6.31	32.1	5.90	30.0	5.47	28.9	5.26	27.9	5.06	25.7	4.64	23.6	4.24	

Heating capacity at rated condition: 22.4 kW (8HP)

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
27.5 (110%)	-19.3	-20.0	16.6	4.98	16.6	5.03	16.5	5.08	16.4	5.10	16.4	5.12	16.3	5.17	16.2	5.22
	-15.0	-16.0	18.6	5.17	18.5	5.22	18.4	5.28	18.4	5.31	18.3	5.33	18.2	5.39	18.1	5.45
	-12.0	-13.0	20.1	5.30	20.0	5.37	19.9	5.43	19.9	5.46	19.8	5.49	19.7	5.55	19.6	5.61
	-9.0	-10.0	21.6	5.44	21.5	5.51	21.4	5.58	21.4	5.61	21.3	5.64	21.2	5.71	21.1	5.78
	-7.0	-8.0	22.7	5.54	22.6	5.61	22.4	5.68	22.4	5.71	22.3	5.75	22.2	5.82	21.6	5.78
	-5.0	-6.0	23.7	5.63	23.6	5.70	23.5	5.77	23.4	5.81	23.3	5.85	23.2	5.92	21.6	5.56
	-3.0	-4.0	24.7	5.72	24.6	5.79	24.5	5.87	24.4	5.91	24.3	5.95	23.6	5.86	21.6	5.35
	-1.0	-2.0	25.8	5.81	25.6	5.89	25.5	5.97	25.4	6.01	25.4	6.05	23.6	5.64	21.6	5.15
	0.0	-1.0	26.3	5.85	26.2	5.93	26.0	6.01	25.9	6.05	25.5	6.02	23.6	5.53	21.6	5.06
	2.0	1.0	27.3	5.94	27.2	6.02	27.0	6.11	26.5	6.04	25.5	5.80	23.6	5.33	21.6	4.87
	5.0	4.0	28.9	6.07	28.7	6.16	27.5	5.94	26.5	5.71	25.5	5.49	23.6	5.04	21.6	4.61
	7.0	6.0	29.9	6.15	29.5	6.16	27.5	5.72	26.5	5.50	25.5	5.29	23.6	4.86	21.6	4.44
	9.0	7.8	30.9	6.23	29.5	5.96	27.5	5.53	26.5	5.32	25.5	5.12	23.6	4.70	21.6	4.30
	12.0	10.6	31.4	6.07	29.5	5.66	27.5	5.26	26.5	5.06	25.5	4.86	23.6	4.47	21.6	4.09
15.0	13.5	31.4	5.76	29.5	5.37	27.5	4.99	26.5	4.80	25.5	4.61	23.6	4.24	21.6	3.88	
25.0 (100%)	-19.3	-20.0	16.6	5.02	16.5	5.07	16.4	5.11	16.4	5.14	16.3	5.16	16.2	5.21	16.1	5.26
	-15.0	-16.0	18.5	5.22	18.4	5.27	18.3	5.33	18.3	5.36	18.2	5.39	18.2	5.44	18.1	5.50
	-12.0	-13.0	20.0	5.37	19.9	5.43	19.8	5.49	19.8	5.52	19.7	5.55	19.6	5.61	19.5	5.68
	-9.0	-10.0	21.5	5.52	21.4	5.58	21.3	5.65	21.3	5.68	21.2	5.72	21.1	5.78	19.6	5.45
	-7.0	-8.0	22.5	5.62	22.4	5.69	22.3	5.76	22.2	5.79	22.2	5.83	21.4	5.73	19.6	5.24
	-5.0	-6.0	23.6	5.71	23.4	5.79	23.3	5.86	23.2	5.90	23.2	5.93	21.4	5.51	19.6	5.04
	-3.0	-4.0	24.6	5.81	24.4	5.89	24.3	5.96	24.1	6.00	23.2	5.77	21.4	5.30	19.6	4.85
	-1.0	-2.0	25.6	5.91	25.5	5.99	25.0	6.00	24.1	5.77	23.2	5.55	21.4	5.11	19.6	4.67
	0.0	-1.0	26.1	5.96	26.0	6.04	25.0	5.89	24.1	5.67	23.2	5.45	21.4	5.01	19.6	4.58
	2.0	1.0	27.1	6.05	26.8	6.10	25.0	5.67	24.1	5.46	23.2	5.25	21.4	4.83	19.6	4.42
	5.0	4.0	28.6	6.18	26.8	5.77	25.0	5.36	24.1	5.16	23.2	4.96	21.4	4.57	19.6	4.18
	7.0	6.0	28.6	5.96	26.8	5.56	25.0	5.17	24.1	4.98	23.2	4.78	21.4	4.41	19.6	4.03
	9.0	7.8	28.6	5.77	26.8	5.38	25.0	5.00	24.1	4.82	23.2	4.63	21.4	4.26	19.6	3.91
	12.0	10.6	28.6	5.48	26.8	5.11	25.0	4.75	24.1	4.58	23.2	4.40	21.4	4.05	19.6	3.71
15.0	13.5	28.6	5.19	26.8	4.85	25.0	4.51	24.1	4.34	23.2	4.18	21.4	3.85	19.6	3.53	
22.5 (90%)	-19.3	-20.0	16.5	5.07	16.4	5.12	16.3	5.16	16.3	5.19	16.2	5.21	16.1	5.26	16.1	5.31
	-15.0	-16.0	18.4	5.28	18.3	5.34	18.2	5.39	18.2	5.42	18.1	5.45	18.1	5.50	17.7	5.54
	-12.0	-13.0	19.9	5.44	19.8	5.50	19.7	5.56	19.6	5.60	19.6	5.63	19.3	5.69	17.7	5.20
	-9.0	-10.0	21.4	5.60	21.3	5.67	21.2	5.74	21.1	5.77	20.9	5.80	19.3	5.35	17.7	4.90
	-7.0	-8.0	22.4	5.71	22.3	5.78	22.1	5.85	21.7	5.81	20.9	5.58	19.3	5.14	17.7	4.71
	-5.0	-6.0	23.4	5.82	23.3	5.89	22.5	5.80	21.7	5.58	20.9	5.37	19.3	4.95	17.7	4.53
	-3.0	-4.0	24.4	5.93	24.1	6.00	22.5	5.58	21.7	5.37	20.9	5.17	19.3	4.76	17.7	4.36
	-1.0	-2.0	25.4	6.03	24.1	5.77	22.5	5.37	21.7	5.17	20.9	4.98	19.3	4.58	17.7	4.20
	0.0	-1.0	25.7	6.07	24.1	5.67	22.5	5.27	21.7	5.08	20.9	4.88	19.3	4.50	17.7	4.12
	2.0	1.0	25.7	5.84	24.1	5.46	22.5	5.08	21.7	4.89	20.9	4.70	19.3	4.34	17.7	3.97
	5.0	4.0	25.7	5.53	24.1	5.16	22.5	4.81	21.7	4.63	20.9	4.45	19.3	4.11	17.7	3.76
	7.0	6.0	25.7	5.33	24.1	4.98	22.5	4.63	21.7	4.46	20.9	4.29	19.3	3.96	17.7	3.63
	9.0	7.8	25.7	5.15	24.1	4.82	22.5	4.48	21.7	4.32	20.9	4.16	19.3	3.83	17.7	3.52
	12.0	10.6	25.7	4.90	24.1	4.58	22.5	4.26	21.7	4.11	20.9	3.95	19.3	3.65	17.7	3.35
15.0	13.5	25.7	4.64	24.1	4.34	22.5	4.04	21.7	3.90	20.9	3.75	19.3	3.46	17.7	3.18	
20.0 (80%)	-19.3	-20.0	16.4	5.13	16.3	5.17	16.2	5.22	16.2	5.25	16.1	5.27	16.0	5.32	15.7	5.37
	-15.0	-16.0	18.3	5.36	18.2	5.41	18.1	5.47	18.1	5.50	18.0	5.53	17.1	5.37	15.7	4.92
	-12.0	-13.0	19.7	5.54	19.6	5.60	19.5	5.66	19.3	5.69	18.6	5.47	17.1	5.04	15.7	4.62
	-9.0	-10.0	21.2	5.71	21.1	5.78	20.0	5.55	19.3	5.35	18.6	5.15	17.1	4.74	15.7	4.35
	-7.0	-8.0	22.2	5.83	21.4	5.73	20.0	5.34	19.3	5.14	18.6	4.95	17.1	4.56	15.7	4.18
	-5.0	-6.0	22.9	5.90	21.4	5.51	20.0	5.13	19.3	4.95	18.6	4.76	17.1	4.39	15.7	4.03
	-3.0	-4.0	22.9	5.67	21.4	5.30	20.0	4.94	19.3	4.76	18.6	4.58	17.1	4.23	15.7	3.88
	-1.0	-2.0	22.9	5.46	21.4	5.11	20.0	4.76	19.3	4.58	18.6	4.41	17.1	4.07	15.7	3.74
	0.0	-1.0	22.9	5.36	21.4	5.01	20.0	4.67	19.3	4.50	18.6	4.33	17.1	4.00	15.7	3.67
	2.0	1.0	22.9	5.16	21.4	4.83	20.0	4.50	19.3	4.34	18.6	4.18	17.1	3.85	15.7	3.54
	5.0	4.0	22.9	4.88	21.4	4.57	20.0	4.26	19.3	4.11	18.6	3.95	17.1	3.65	15.7	3.35
	7.0	6.0	22.9	4.71	21.4	4.41	20.0	4.11	19.3	3.96	18.6	3.81	17.1	3.52	15.7	3.24
	9.0	7.8	22.9	4.56	21.4	4.26	20.0	3.98	19.3	3.83	18.6	3.69	17.1	3.41	15.7	3.14
	12.0	10.6	22.9	4.33	21.4	4.05	20.0	3.78	19.3	3.65	18.6	3.51	17.1	3.25	15.7	2.98
15.0	13.5	22.9	4.11	21.4	3.85	20.0	3.59	19.3	3.46	18.6	3.34	17.1	3.08	15.7	2.84	
17.5 (70%)	-19.3	-20.0	16.2	5.20	16.2	5.25	16.1	5.30	16.0	5.32	16.0	5.35	15.0	5.12	13.8	4.70
	-15.0	-16.0	18.1	5.46	18.0	5.51	17.5	5.48	16.9	5.28	16.3	5.09	15.0	4.69	13.8	4.30
	-12.0	-13.0	19.5	5.65	18.8	5.52	17.5	5.15	16.9	4.96	16.3	4.78	15.0	4.41	13.8	4.05
	-9.0	-10.0	20.0	5.55	18.8	5.20	17.5	4.85	16.9	4.67	16.3	4.50	15.0	4.15	13.8	3.81
	-7.0	-8.0	20.0	5.34	18.8	5.00	17.5	4.66	16.9	4.49	16.3	4.32	15.0	4.00	13.8	3.67
	-5.0	-6.0	20.0	5.13	18.8	4.81	17.5	4.48	16.9	4.32	16.3	4.16	15.0	3.85	13.8	3.53
	-3.0	-4.0	20.0	4.94	18.8	4.63	17.5	4.32	16.9	4.16	16.3	4.01	15.0	3.71	13.8	3.41
	-1.0	-2.0	20.0	4.76	18.8	4.46	17.5	4.16	16.9	4.01	16.3	3.86	15.0	3.57	13.8	3.28
	0.0	-1.0	20.0	4.67	18.8	4.37	17.5	4.08	16.9	3.94	16.3	3.79	15.0	3.51	13.8	3.22
	2.0	1.0	20.0	4.50	18.8	4.22	17.5	3.93	16.9	3.80	16.3	3.66	15.0	3.38	13.8	3.11
	5.0	4.0	20.0	4.26	18.8	3.99	17.5	3.73	16.9	3.60	16.3	3.46	15.0	3.21	13.8	2.95
	7.0	6.0	20.0	4.11	18.8	3.85	17.5	3.59	16.9	3.47	16.3	3.34	15.0	3.09	13.8	2.85
	9.0	7.8	20.0	3.98	18.8	3.73	17.5	3.48	16.9	3.36	16.3	3.24	15.0	3.00	13.8	2.76
	12.0	10.6	20.0	3.78	18.8	3.55	17.5	3.31	16.9	3.20	16.3	3.08	15.0	2.85	13.8	2.63
15.0	13.5	20.0	3.59	18.8	3.37	17.5	3.15	16.9	3.04	16.3	2.93	15.0	2.71	13.8	2.50	

MODEL SELECTION

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Heating capacity at rated condition: 22.4 kW (8HP)

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
15.0 (60%)	-19.3	-20.0	16.1	5.30	16.0	5.35	15.0	5.12	14.5	4.94	13.9	4.76	12.9	4.39	11.8	4.03
	-15.0	-16.0	17.1	5.37	16.1	5.03	15.0	4.69	14.5	4.52	13.9	4.36	12.9	4.03	11.8	3.70
	-12.0	-13.0	17.1	5.04	16.1	4.72	15.0	4.41	14.5	4.25	13.9	4.10	12.9	3.79	11.8	3.49
	-9.0	-10.0	17.1	4.74	16.1	4.45	15.0	4.15	14.5	4.01	13.9	3.86	12.9	3.57	11.8	3.29
	-7.0	-8.0	17.1	4.56	16.1	4.28	15.0	4.00	14.5	3.86	13.9	3.72	12.9	3.44	11.8	3.17
	-5.0	-6.0	17.1	4.39	16.1	4.12	15.0	3.85	14.5	3.71	13.9	3.58	12.9	3.31	11.8	3.05
	-3.0	-4.0	17.1	4.23	16.1	3.97	15.0	3.71	14.5	3.58	13.9	3.45	12.9	3.19	11.8	2.94
	-1.0	-2.0	17.1	4.07	16.1	3.82	15.0	3.57	14.5	3.45	13.9	3.32	12.9	3.08	11.8	2.84
	0.0	-1.0	17.1	4.00	16.1	3.75	15.0	3.51	14.5	3.39	13.9	3.26	12.9	3.03	11.8	2.79
	2.0	1.0	17.1	3.85	16.1	3.62	15.0	3.38	14.5	3.27	13.9	3.15	12.9	2.92	11.8	2.69
	5.0	4.0	17.1	3.65	16.1	3.43	15.0	3.21	14.5	3.10	13.9	2.99	12.9	2.77	11.8	2.56
	7.0	6.0	17.1	3.52	16.1	3.31	15.0	3.09	14.5	2.99	13.9	2.88	12.9	2.68	11.8	2.47
	9.0	7.8	17.1	3.41	16.1	3.20	15.0	3.00	14.5	2.90	13.9	2.79	12.9	2.59	11.8	2.39
	12.0	10.6	17.1	3.25	16.1	3.05	15.0	2.85	14.5	2.76	13.9	2.66	12.9	2.47	11.8	2.28
	15.0	13.5	17.1	3.08	16.1	2.90	15.0	2.71	14.5	2.62	13.9	2.53	12.9	2.35	11.8	2.17
12.5 (50%)	-19.3	-20.0	14.3	4.88	13.4	4.57	12.5	4.27	12.1	4.12	11.6	3.98	10.7	3.68	9.8	3.39
	-15.0	-16.0	14.3	4.47	13.4	4.19	12.5	3.92	12.1	3.78	11.6	3.65	10.7	3.38	9.8	3.11
	-12.0	-13.0	14.3	4.20	13.4	3.94	12.5	3.69	12.1	3.56	11.6	3.43	10.7	3.18	9.8	2.93
	-9.0	-10.0	14.3	3.96	13.4	3.72	12.5	3.48	12.1	3.36	11.6	3.24	10.7	3.01	9.8	2.77
	-7.0	-8.0	14.3	3.81	13.4	3.58	12.5	3.35	12.1	3.23	11.6	3.12	10.7	2.90	9.8	2.67
	-5.0	-6.0	14.3	3.67	13.4	3.45	12.5	3.23	12.1	3.12	11.6	3.01	10.7	2.79	9.8	2.58
	-3.0	-4.0	14.3	3.53	13.4	3.32	12.5	3.11	12.1	3.00	11.6	2.90	10.7	2.69	9.8	2.49
	-1.0	-2.0	14.3	3.41	13.4	3.20	12.5	3.00	12.1	2.90	11.6	2.80	10.7	2.60	9.8	2.40
	0.0	-1.0	14.3	3.35	13.4	3.14	12.5	2.95	12.1	2.85	11.6	2.75	10.7	2.55	9.8	2.36
	2.0	1.0	14.3	3.23	13.4	3.03	12.5	2.84	12.1	2.75	11.6	2.65	10.7	2.47	9.8	2.28
	5.0	4.0	14.3	3.06	13.4	2.88	12.5	2.70	12.1	2.61	11.6	2.52	10.7	2.34	9.8	2.17
	7.0	6.0	14.3	2.95	13.4	2.78	12.5	2.61	12.1	2.52	11.6	2.43	10.7	2.26	9.8	2.10
	9.0	7.8	14.3	2.86	13.4	2.69	12.5	2.53	12.1	2.44	11.6	2.36	10.7	2.20	9.8	2.03
	12.0	10.6	14.3	2.73	13.4	2.57	12.5	2.41	12.1	2.33	11.6	2.25	10.7	2.10	9.8	1.94
	15.0	13.5	14.3	2.59	13.4	2.44	12.5	2.29	12.1	2.22	11.6	2.14	10.7	2.00	9.8	1.85

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