

配管長別冷凍能力表

○インバータ：一体空冷

周囲温度：35℃

形名	吸入 配管径 (mm)	蒸発温度 (°C)	配管相当長別能力 (kW)							
			50Hz				60Hz			
			0m	30m	50m	80m	0m	30m	50m	80m
ECOV-D45WA1 液管断熱有り (R463A-J)	φ 19.05	10	20.4	18.0	17.0	15.8	20.4	18.0	17.0	15.8
		5	19.2	16.6	15.6	14.3	19.2	16.6	15.6	14.3
		0	17.9	15.2	14.1	12.8	17.9	15.2	14.1	12.8
		-5	16.6	14.4	13.4	12.2	16.6	14.4	13.4	12.2
		-10	14.4	12.3	11.4	10.3	14.4	12.3	11.4	10.3
		-12	13.6	11.5	10.7	9.65	13.6	11.5	10.7	9.65
		-15	12.4	10.5	9.64	8.69	12.4	10.5	9.64	8.69
		-17	11.6	9.76	8.98	8.08	11.6	9.76	8.98	8.08
		-20	10.5	8.78	8.06	7.23	10.5	8.78	8.06	7.23
		-25	8.80	7.29	6.67	5.96	8.80	7.29	6.67	5.96
		-30	7.29	5.98	5.45	4.86	7.29	5.98	5.45	4.86
		-35	5.95	4.84	4.40	3.92	5.95	4.84	4.40	3.92
	-40	4.79	3.87	3.52	3.13	4.79	3.87	3.52	3.13	
	-43	4.18	3.37	3.06	2.72	4.18	3.37	3.06	2.72	
	φ 22.22 (標準径)	10	20.4	19.2	18.7	18.0	20.4	19.2	18.7	18.0
		5	19.2	17.8	17.3	16.5	19.2	17.8	17.3	16.5
		0	17.9	16.5	15.9	15.1	17.9	16.5	15.9	15.1
		-5	16.6	15.5	15.0	14.3	16.6	15.5	15.0	14.3
		-10	14.4	13.3	12.9	12.2	14.4	13.3	12.9	12.2
		-12	13.6	12.5	12.1	11.4	13.6	12.5	12.1	11.4
		-15	12.4	11.4	10.9	10.4	12.4	11.4	10.9	10.4
		-17	11.6	10.7	10.2	9.67	11.6	10.7	10.2	9.67
		-20	10.5	9.61	9.22	8.69	10.5	9.61	9.22	8.69
		-25	8.80	8.02	7.67	7.21	8.80	8.02	7.67	7.21
		-30	7.29	6.61	6.30	5.90	7.29	6.61	6.30	5.90
		-35	5.95	5.37	5.11	4.78	5.95	5.37	5.11	4.78
	-40	4.79	4.31	4.10	3.82	4.79	4.31	4.10	3.82	
	-43	4.18	3.75	3.57	3.33	4.18	3.75	3.57	3.33	
	φ 25.4	10	20.4	19.7	19.5	19.1	20.4	19.7	19.5	19.1
		5	19.2	18.4	18.1	17.7	19.2	18.4	18.1	17.7
		0	17.9	17.1	16.8	16.3	17.9	17.1	16.8	16.3
		-5	16.6	16.0	15.7	15.4	16.6	16.0	15.7	15.4
		-10	14.4	13.8	13.6	13.2	14.4	13.8	13.6	13.2
		-12	13.6	13.0	12.8	12.4	13.6	13.0	12.8	12.4
		-15	12.4	11.8	11.6	11.3	12.4	11.8	11.6	11.3
		-17	11.6	11.1	10.9	10.5	11.6	11.1	10.9	10.5
-20		10.5	9.99	9.80	9.51	10.5	9.99	9.80	9.51	
-25		8.80	8.36	8.18	7.92	8.80	8.36	8.18	7.92	
-30		7.29	6.90	6.75	6.52	7.29	6.90	6.75	6.52	
-35		5.95	5.62	5.49	5.29	5.95	5.62	5.49	5.29	
-40	4.79	4.52	4.41	4.24	4.79	4.52	4.41	4.24		
-43	4.18	3.94	3.84	3.70	4.18	3.94	3.84	3.70		

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形名	吸入 配管径 (mm)	蒸発温度 (℃)	配管相当長別能力 (kW)							
			50Hz				60Hz			
			0m	30m	50m	80m	0m	30m	50m	80m
ECO V-D45WA1 液管断熱無し (R463A-J)	φ 19.05	10	20.1	17.8	16.8	15.6	20.1	17.8	16.8	15.6
		5	18.7	16.3	15.3	14.1	18.7	16.3	15.3	14.1
		0	17.4	14.9	13.8	12.6	17.4	14.9	13.8	12.6
		-5	16.0	13.7	12.7	11.6	16.0	13.7	12.7	11.6
		-10	13.5	11.5	10.7	9.73	13.5	11.5	10.7	9.73
		-12	12.6	10.7	9.95	9.04	12.6	10.7	9.95	9.04
		-15	11.3	9.59	8.89	8.08	11.3	9.59	8.89	8.08
		-17	10.4	8.89	8.24	7.48	10.4	8.89	8.24	7.48
		-20	9.29	7.89	7.31	6.64	9.29	7.89	7.31	6.64
		-25	7.56	6.42	5.95	5.41	7.56	6.42	5.95	5.41
		-30	6.07	5.17	4.79	4.36	6.07	5.17	4.79	4.36
		-35	4.82	4.12	3.84	3.51	4.82	4.12	3.84	3.51
	-40	3.82	3.29	3.08	2.83	3.82	3.29	3.08	2.83	
	-43	3.33	2.90	2.72	2.52	3.33	2.90	2.72	2.52	
	φ 22.22 (標準径)	10	20.1	18.9	18.4	17.7	20.1	18.9	18.4	17.7
		5	18.7	17.5	16.9	16.2	18.7	17.5	16.9	16.2
		0	17.4	16.1	15.5	14.8	17.4	16.1	15.5	14.8
		-5	16.0	14.8	14.3	13.6	16.0	14.8	14.3	13.6
		-10	13.5	12.5	12.0	11.4	13.5	12.5	12.0	11.4
		-12	12.6	11.6	11.2	10.6	12.6	11.6	11.2	10.6
		-15	11.3	10.4	10.0	9.52	11.3	10.4	10.0	9.52
		-17	10.4	9.64	9.29	8.81	10.4	9.64	9.29	8.81
		-20	9.29	8.57	8.25	7.83	9.29	8.57	8.25	7.83
		-25	7.56	6.97	6.71	6.37	7.56	6.97	6.71	6.37
		-30	6.07	5.60	5.40	5.12	6.07	5.60	5.40	5.12
		-35	4.82	4.46	4.30	4.09	4.82	4.46	4.30	4.09
	-40	3.82	3.54	3.43	3.27	3.82	3.54	3.43	3.27	
	-43	3.33	3.10	3.01	2.88	3.33	3.10	3.01	2.88	
	φ 25.4	10	20.1	19.4	19.1	18.8	20.1	19.4	19.1	18.8
		5	18.7	18.0	17.7	17.4	18.7	18.0	17.7	17.4
		0	17.4	16.6	16.3	15.9	17.4	16.6	16.3	15.9
		-5	16.0	15.3	15.0	14.7	16.0	15.3	15.0	14.7
		-10	13.5	12.9	12.7	12.4	13.5	12.9	12.7	12.4
		-12	12.6	12.0	11.8	11.5	12.6	12.0	11.8	11.5
		-15	11.3	10.8	10.6	10.3	11.3	10.8	10.6	10.3
		-17	10.4	9.99	9.82	9.56	10.4	9.99	9.82	9.56
-20		9.29	8.88	8.72	8.49	9.29	8.88	8.72	8.49	
-25		7.56	7.22	7.10	6.91	7.56	7.22	7.10	6.91	
-30		6.07	5.80	5.70	5.55	6.07	5.80	5.70	5.55	
-35		4.82	4.61	4.54	4.42	4.82	4.61	4.54	4.42	
-40	3.82	3.66	3.60	3.52	3.82	3.66	3.60	3.52		
-43	3.33	3.20	3.15	3.08	3.33	3.20	3.15	3.08		

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形名	吸入 配管径 (mm)	蒸発温度 (℃)	配管相当長別能力 (kW)							
			50Hz				60Hz			
			0m	30m	50m	80m	0m	30m	50m	80m
ECOVD45WA1 液管断熱有り (R410A)	φ 19.05	10	19.7	17.6	16.8	15.7	19.7	17.6	16.8	15.7
		5	18.8	16.5	15.6	14.4	18.8	16.5	15.6	14.4
		0	17.9	15.4	14.4	13.2	17.9	15.4	14.4	13.2
		-5	17.0	14.6	13.6	12.4	17.0	14.6	13.6	12.4
		-10	14.5	12.5	11.6	10.6	14.5	12.5	11.6	10.6
		-12	13.6	11.7	10.8	9.86	13.6	11.7	10.8	9.86
		-15	12.3	10.5	9.76	8.88	12.3	10.5	9.76	8.88
		-17	11.5	9.79	9.09	8.27	11.5	9.79	9.09	8.27
		-20	10.3	8.79	8.16	7.42	10.3	8.79	8.16	7.42
		-25	8.56	7.30	6.77	6.16	8.56	7.30	6.77	6.16
		-30	7.06	6.02	5.59	5.09	7.06	6.02	5.59	5.09
		-35	5.81	4.97	4.62	4.22	5.81	4.97	4.62	4.22
	-40	4.80	4.13	3.85	3.54	4.80	4.13	3.85	3.54	
	-45	4.03	3.51	3.31	3.16	4.03	3.51	3.31	3.16	
	φ 22.22 (標準径)	10	19.7	18.6	18.2	17.6	19.7	18.6	18.2	17.6
		5	18.8	17.6	17.1	16.5	18.8	17.6	17.1	16.5
		0	17.9	16.6	16.0	15.3	17.9	16.6	16.0	15.3
		-5	17.0	15.8	15.3	14.5	17.0	15.8	15.3	14.5
		-10	14.5	13.5	13.0	12.4	14.5	13.5	13.0	12.4
		-12	13.6	12.6	12.2	11.6	13.6	12.6	12.2	11.6
		-15	12.3	11.4	11.0	10.4	12.3	11.4	11.0	10.4
		-17	11.5	10.6	10.2	9.72	11.5	10.6	10.2	9.72
		-20	10.3	9.52	9.18	8.72	10.3	9.52	9.18	8.72
		-25	8.56	7.91	7.62	7.24	8.56	7.91	7.62	7.24
		-30	7.06	6.52	6.29	5.97	7.06	6.52	6.29	5.97
		-35	5.81	5.37	5.18	4.93	5.81	5.37	5.18	4.93
	-40	4.80	4.45	4.30	4.10	4.80	4.45	4.30	4.10	
	-45	4.03	3.75	3.64	3.49	4.03	3.75	3.64	3.49	
	φ 25.4	10	19.7	19.0	18.9	18.6	19.7	19.0	18.9	18.6
		5	18.8	18.1	17.9	17.5	18.8	18.1	17.9	17.5
		0	17.9	17.1	16.9	16.5	17.9	17.1	16.9	16.5
		-5	17.0	16.3	16.0	15.7	17.0	16.3	16.0	15.7
		-10	14.5	13.9	13.7	13.4	14.5	13.9	13.7	13.4
		-12	13.6	13.0	12.8	12.5	13.6	13.0	12.8	12.5
		-15	12.3	11.8	11.6	11.3	12.3	11.8	11.6	11.3
		-17	11.5	11.0	10.8	10.5	11.5	11.0	10.8	10.5
		-20	10.3	9.85	9.69	9.44	10.3	9.85	9.69	9.44
		-25	8.56	8.19	8.05	7.84	8.56	8.19	8.05	7.84
		-30	7.06	6.75	6.64	6.47	7.06	6.75	6.64	6.47
		-35	5.81	5.56	5.46	5.33	5.81	5.56	5.46	5.33
	-40	4.80	4.59	4.52	4.41	4.80	4.59	4.52	4.41	
	-45	4.03	3.87	3.81	3.73	4.03	3.87	3.81	3.73	

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周囲温度：35℃

形名	吸入 配管径 (mm)	蒸発温度 (°C)	配管相当長別能力 (kW)							
			50Hz				60Hz			
			0m	30m	50m	80m	0m	30m	50m	80m
ECO V-D45WA1 液管断熱無し (R410A)	φ 19.05	10	19.3	17.4	16.5	15.5	19.3	17.4	16.5	15.5
		5	18.3	16.2	15.3	14.2	18.3	16.2	15.3	14.2
		0	17.3	15.0	14.1	12.9	17.3	15.0	14.1	12.9
		-5	16.2	14.0	13.0	11.9	16.2	14.0	13.0	11.9
		-10	13.6	11.7	10.9	10.0	13.6	11.7	10.9	10.0
		-12	12.7	10.9	10.2	9.29	12.7	10.9	10.2	9.29
		-15	11.3	9.73	9.07	8.30	11.3	9.73	9.07	8.30
		-17	10.4	9.00	8.40	7.69	10.4	9.00	8.40	7.69
		-20	9.24	7.98	7.46	6.84	9.24	7.98	7.46	6.84
		-25	7.47	6.49	6.08	5.59	7.47	6.49	6.08	5.59
		-30	6.00	5.24	4.93	4.55	6.00	5.24	4.93	4.55
		-35	4.80	4.24	4.01	3.73	4.80	4.24	4.01	3.73
		-40	3.89	3.49	3.32	3.13	3.89	3.49	3.32	3.13
		-45	3.27	2.99	2.90	2.86	3.27	2.99	2.90	2.86
		φ 22.22 (標準径)	10	19.3	18.3	17.9	17.3	19.3	18.3	17.9
	5		18.3	17.2	16.8	16.1	18.3	17.2	16.8	16.1
	0		17.3	16.1	15.6	14.9	17.3	16.1	15.6	14.9
	-5		16.2	15.1	14.6	13.9	16.2	15.1	14.6	13.9
	-10		13.6	12.6	12.2	11.6	13.6	12.6	12.2	11.6
	-12		12.7	11.7	11.4	10.8	12.7	11.7	11.4	10.8
	-15		11.3	10.5	10.1	9.66	11.3	10.5	10.1	9.66
	-17		10.4	9.69	9.37	8.94	10.4	9.69	9.37	8.94
	-20		9.24	8.59	8.31	7.93	9.24	8.59	8.31	7.93
	-25		7.47	6.96	6.75	6.45	7.47	6.96	6.75	6.45
	-30		6.00	5.60	5.44	5.22	6.00	5.60	5.44	5.22
	-35		4.80	4.51	4.39	4.22	4.80	4.51	4.39	4.22
	-40		3.89	3.68	3.60	3.48	3.89	3.68	3.60	3.48
	-45		3.27	3.12	3.07	3.00	3.27	3.12	3.07	3.00
	φ 25.4		10	19.3	18.7	18.6	18.3	19.3	18.7	18.6
		5	18.3	17.7	17.5	17.1	18.3	17.7	17.5	17.1
		0	17.3	16.6	16.3	16.0	17.3	16.6	16.3	16.0
		-5	16.2	15.6	15.3	15.0	16.2	15.6	15.3	15.0
		-10	13.6	13.1	12.9	12.5	13.6	13.1	12.9	12.5
		-12	12.7	12.1	11.9	11.7	12.7	12.1	11.9	11.7
		-15	11.3	10.8	10.7	10.4	11.3	10.8	10.7	10.4
		-17	10.4	10.0	9.85	9.62	10.4	10.0	9.85	9.62
		-20	9.24	8.86	8.73	8.53	9.24	8.86	8.73	8.53
		-25	7.47	7.18	7.08	6.92	7.47	7.18	7.08	6.92
		-30	6.00	5.77	5.69	5.57	6.00	5.77	5.69	5.57
		-35	4.80	4.63	4.58	4.49	4.80	4.63	4.58	4.49
		-40	3.89	3.77	3.73	3.67	3.89	3.77	3.73	3.67
		-45	3.27	3.18	3.15	3.12	3.27	3.18	3.15	3.12