

配管長別冷凍能力表

○インバータ：一体空冷

周囲温度：35°C

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
ECOVD55WA 液管断熱有り (R463A-J)	φ 19.05	10	23.2	19.9	18.6	-	23.2	19.9	18.6	-
		5	22.1	18.5	17.1	-	22.1	18.5	17.1	-
		0	21.1	17.0	15.5	-	21.1	17.0	15.5	-
		-5	20.0	16.4	14.9	-	20.0	16.4	14.9	-
		-10	17.3	14.0	12.7	-	17.3	14.0	12.7	-
		-12	16.3	13.1	11.9	-	16.3	13.1	11.9	-
		-15	14.9	11.9	10.7	-	14.9	11.9	10.7	-
		-17	14.0	11.1	9.97	-	14.0	11.1	9.97	-
		-20	12.7	9.97	8.94	-	12.7	9.97	8.94	-
		-25	10.7	8.27	7.38	-	10.7	8.27	7.38	-
		-30	8.86	6.79	6.04	-	8.86	6.79	6.04	-
		-35	7.27	5.51	4.88	-	7.27	5.51	4.88	-
	-40	5.89	4.42	3.91	-	5.89	4.42	3.91	-	
	-43	5.16	3.86	3.42	-	5.16	3.86	3.42	-	
	φ 22.22 (標準径)	10	23.2	21.5	20.8	19.8	23.2	21.5	20.8	19.8
		5	22.1	20.2	19.4	18.3	22.1	20.2	19.4	18.3
		0	21.1	18.9	18.0	16.8	21.1	18.9	18.0	16.8
		-5	20.0	18.1	17.3	16.2	20.0	18.1	17.3	16.2
		-10	17.3	15.6	14.8	13.8	17.3	15.6	14.8	13.8
		-12	16.3	14.7	13.9	13.0	16.3	14.7	13.9	13.0
		-15	14.9	13.3	12.6	11.7	14.9	13.3	12.6	11.7
		-17	14.0	12.5	11.8	10.9	14.0	12.5	11.8	10.9
		-20	12.7	11.3	10.6	9.81	12.7	11.3	10.6	9.81
		-25	10.7	9.39	8.83	8.13	10.7	9.39	8.83	8.13
		-30	8.86	7.75	7.26	6.67	8.86	7.75	7.26	6.67
		-35	7.27	6.32	5.90	5.40	7.27	6.32	5.90	5.40
	-40	5.89	5.09	4.75	4.34	5.89	5.09	4.75	4.34	
	-43	5.16	4.45	4.15	3.79	5.16	4.45	4.15	3.79	
	φ 25.4	10	23.2	22.2	21.9	21.3	23.2	22.2	21.9	21.3
		5	22.1	21.0	20.6	20.0	22.1	21.0	20.6	20.0
		0	21.1	19.8	19.3	18.6	21.1	19.8	19.3	18.6
		-5	20.0	18.9	18.5	17.9	20.0	18.9	18.5	17.9
		-10	17.3	16.4	16.0	15.4	17.3	16.4	16.0	15.4
		-12	16.3	15.4	15.0	14.4	16.3	15.4	15.0	14.4
		-15	14.9	14.0	13.6	13.1	14.9	14.0	13.6	13.1
		-17	14.0	13.1	12.8	12.3	14.0	13.1	12.8	12.3
		-20	12.7	11.9	11.5	11.0	12.7	11.9	11.5	11.0
		-25	10.7	9.95	9.64	9.21	10.7	9.95	9.64	9.21
		-30	8.86	8.23	7.96	7.59	8.86	8.23	7.96	7.59
		-35	7.27	6.73	6.50	6.17	7.27	6.73	6.50	6.17
	-40	5.89	5.44	5.24	4.97	5.89	5.44	5.24	4.97	
	-43	5.16	4.76	4.58	4.34	5.16	4.76	4.58	4.34	

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
ECOVD55WA 液管断熱無し (R463A-J)	φ 19.05	10	22.8	19.7	18.4	16.8	22.8	19.7	18.4	16.8
		5	21.5	18.1	16.8	15.2	21.5	18.1	16.8	15.2
		0	20.2	16.5	15.2	13.6	20.2	16.5	15.2	13.6
		-5	18.8	15.6	14.2	12.7	18.8	15.6	14.2	12.7
		-10	16.2	13.2	12.0	10.7	16.2	13.2	12.0	10.7
		-12	15.1	12.3	11.2	9.94	15.1	12.3	11.2	9.94
		-15	13.6	11.0	10.0	8.89	13.6	11.0	10.0	8.89
		-17	12.7	10.2	9.28	8.23	12.7	10.2	9.28	8.23
		-20	11.4	9.11	8.25	7.31	11.4	9.11	8.25	7.31
		-25	9.30	7.42	6.71	5.94	9.30	7.42	6.71	5.94
		-30	7.48	5.95	5.38	4.77	7.48	5.95	5.38	4.77
		-35	5.90	4.70	4.25	3.77	5.90	4.70	4.25	3.77
	-40	4.55	3.65	3.31	2.95	4.55	3.65	3.31	2.95	
	-43	3.86	3.11	2.83	2.53	3.86	3.11	2.83	2.53	
	φ 22.22 (標準径)	10	22.8	21.2	20.5	19.5	22.8	21.2	20.5	19.5
		5	21.5	19.7	19.0	18.0	21.5	19.7	19.0	18.0
		0	20.2	18.2	17.4	16.4	20.2	18.2	17.4	16.4
		-5	18.8	17.2	16.4	15.4	18.8	17.2	16.4	15.4
		-10	16.2	14.6	13.9	13.0	16.2	14.6	13.9	13.0
		-12	15.1	13.7	13.0	12.1	15.1	13.7	13.0	12.1
		-15	13.6	12.3	11.7	10.9	13.6	12.3	11.7	10.9
		-17	12.7	11.4	10.8	10.1	12.7	11.4	10.8	10.1
		-20	11.4	10.2	9.65	8.99	11.4	10.2	9.65	8.99
		-25	9.30	8.31	7.87	7.32	9.30	8.31	7.87	7.32
		-30	7.48	6.67	6.31	5.87	7.48	6.67	6.31	5.87
		-35	5.90	5.26	4.98	4.63	5.90	5.26	4.98	4.63
	-40	4.55	4.07	3.86	3.60	4.55	4.07	3.86	3.60	
	-43	3.86	3.46	3.29	3.07	3.86	3.46	3.29	3.07	
	φ 25.4	10	22.8	21.9	21.5	21.0	22.8	21.9	21.5	21.0
		5	21.5	20.5	20.1	19.5	21.5	20.5	20.1	19.5
		0	20.2	19.1	18.6	18.0	20.2	19.1	18.6	18.0
		-5	18.8	18.0	17.6	17.0	18.8	18.0	17.6	17.0
		-10	16.2	15.3	14.9	14.4	16.2	15.3	14.9	14.4
		-12	15.1	14.3	14.0	13.5	15.1	14.3	14.0	13.5
		-15	13.6	12.9	12.6	12.1	13.6	12.9	12.6	12.1
		-17	12.7	12.0	11.7	11.2	12.7	12.0	11.7	11.2
		-20	11.4	10.7	10.4	10.0	11.4	10.7	10.4	10.0
		-25	9.30	8.74	8.50	8.17	9.30	8.74	8.50	8.17
		-30	7.48	7.02	6.83	6.56	7.48	7.02	6.83	6.56
		-35	5.90	5.54	5.39	5.17	5.90	5.54	5.39	5.17
	-40	4.55	4.28	4.17	4.00	4.55	4.28	4.17	4.00	
	-43	3.86	3.63	3.54	3.41	3.86	3.63	3.54	3.41	
	φ 28.58	10	22.8	22.2	22.1	21.8	22.8	22.2	22.1	21.8
		5	21.5	20.8	20.7	20.4	21.5	20.8	20.7	20.4
		0	20.2	19.5	19.3	18.9	20.2	19.5	19.3	18.9
		-5	18.8	18.3	18.1	17.8	18.8	18.3	18.1	17.8
		-10	16.2	15.6	15.4	15.2	16.2	15.6	15.4	15.2
		-12	15.1	14.6	14.4	14.2	15.1	14.6	14.4	14.2
		-15	13.6	13.2	13.0	12.8	13.6	13.2	13.0	12.8
		-17	12.7	12.2	12.1	11.9	12.7	12.2	12.1	11.9
		-20	11.4	10.9	10.8	10.6	11.4	10.9	10.8	10.6
		-25	9.30	8.95	8.83	8.65	9.30	8.95	8.83	8.65
		-30	7.48	7.19	7.10	6.95	7.48	7.19	7.10	6.95
		-35	5.90	5.67	5.60	5.48	5.90	5.67	5.60	5.48
	-40	4.55	4.38	4.33	4.24	4.55	4.38	4.33	4.24	
	-43	3.86	3.72	3.67	3.60	3.86	3.72	3.67	3.60	
	φ 31.75	10	22.8	22.4	22.3	-	22.8	22.4	22.3	-
		5	21.5	21.0	21.0	-	21.5	21.0	21.0	-
		0	20.2	19.7	19.6	-	20.2	19.7	19.6	-
		-5	18.8	18.5	18.4	-	18.8	18.5	18.4	-
		-10	16.2	15.8	15.7	-	16.2	15.8	15.7	-
		-12	15.1	14.8	14.7	-	15.1	14.8	14.7	-
		-15	13.6	13.3	13.2	-	13.6	13.3	13.2	-
		-17	12.7	12.4	12.3	-	12.7	12.4	12.3	-
		-20	11.4	11.1	11.0	-	11.4	11.1	11.0	-
		-25	9.30	9.05	9.00	-	9.30	9.05	9.00	-
		-30	7.48	7.28	7.23	-	7.48	7.28	7.23	-
		-35	5.90	5.74	5.70	-	5.90	5.74	5.70	-
	-40	4.55	4.43	4.41	-	4.55	4.43	4.41	-	
	-43	3.86	3.76	3.74	-	3.86	3.76	3.74	-	

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周囲温度：35℃

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
ECOVD55WA 液管断熱有り (R410A)	φ 19.05	10	22.4	19.6	18.4	-	22.4	19.6	18.4	-
		5	21.7	18.5	17.2	-	21.7	18.5	17.2	-
		0	21.0	17.3	15.9	-	21.0	17.3	15.9	-
		-5	20.3	16.7	15.3	-	20.3	16.7	15.3	-
		-10	17.4	14.4	13.1	-	17.4	14.4	13.1	-
		-12	16.4	13.5	12.3	-	16.4	13.5	12.3	-
		-15	15.0	12.2	11.1	-	15.0	12.2	11.1	-
		-17	14.1	11.5	10.4	-	14.1	11.5	10.4	-
		-20	12.8	10.4	9.41	-	12.8	10.4	9.41	-
		-25	10.8	8.72	7.90	-	10.8	8.72	7.90	-
		-30	9.11	7.31	6.62	-	9.11	7.31	6.62	-
		-35	7.66	6.13	5.55	-	7.66	6.13	5.55	-
		-40	6.47	5.18	4.70	-	6.47	5.18	4.70	-
		-45	5.53	4.47	4.04	-	5.53	4.47	4.04	-
		φ 22.22 (標準径)	10	22.4	20.9	20.3	19.5	22.4	20.9	20.3
	5		21.7	20.0	19.3	18.4	21.7	20.0	19.3	18.4
	0		21.0	19.1	18.2	17.2	21.0	19.1	18.2	17.2
	-5		20.3	18.4	17.6	16.6	20.3	18.4	17.6	16.6
	-10		17.4	15.9	15.1	14.2	17.4	15.9	15.1	14.2
	-12		16.4	14.9	14.2	13.3	16.4	14.9	14.2	13.3
	-15		15.0	13.6	12.9	12.1	15.0	13.6	12.9	12.1
	-17		14.1	12.7	12.1	11.3	14.1	12.7	12.1	11.3
	-20		12.8	11.5	10.9	10.2	12.8	11.5	10.9	10.2
	-25		10.8	9.71	9.22	8.60	10.8	9.71	9.22	8.60
	-30		9.11	8.16	7.74	7.21	9.11	8.16	7.74	7.21
	-35		7.66	6.85	6.49	6.04	7.66	6.85	6.49	6.04
	-40		6.47	5.78	5.48	5.11	6.47	5.78	5.48	5.11
	-45		5.53	4.96	4.71	4.43	5.53	4.96	4.71	4.43
	φ 25.4		10	22.4	21.6	21.3	20.8	22.4	21.6	21.3
		5	21.7	20.7	20.4	19.9	21.7	20.7	20.4	19.9
		0	21.0	19.9	19.5	18.8	21.0	19.9	19.5	18.8
		-5	20.3	19.2	18.8	18.2	20.3	19.2	18.8	18.2
		-10	17.4	16.5	16.2	15.6	17.4	16.5	16.2	15.6
		-12	16.4	15.6	15.2	14.7	16.4	15.6	15.2	14.7
		-15	15.0	14.2	13.8	13.4	15.0	14.2	13.8	13.4
		-17	14.1	13.3	13.0	12.5	14.1	13.3	13.0	12.5
		-20	12.8	12.1	11.8	11.3	12.8	12.1	11.8	11.3
		-25	10.8	10.2	9.93	9.56	10.8	10.2	9.93	9.56
		-30	9.11	8.57	8.35	8.03	9.11	8.57	8.35	8.03
		-35	7.66	7.20	7.01	6.74	7.66	7.20	7.01	6.74
		-40	6.47	6.08	5.92	5.69	6.47	6.08	5.92	5.69
		-45	5.53	5.20	5.07	4.88	5.53	5.20	5.07	4.88

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周囲温度：35℃

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-D55WA 液管断熱無し (R410A)	φ19.05	10	22.0	19.3	18.1	16.8	22.0	19.3	18.1	16.8
		5	21.0	18.1	16.8	15.4	21.0	18.1	16.8	15.4
		0	20.1	16.8	15.5	14.0	20.1	16.8	15.5	14.0
		-5	19.2	15.9	14.7	13.2	19.2	15.9	14.7	13.2
		-10	16.3	13.5	12.4	11.2	16.3	13.5	12.4	11.2
		-12	15.3	12.7	11.6	10.4	15.3	12.7	11.6	10.4
		-15	13.8	11.4	10.5	9.40	13.8	11.4	10.5	9.40
		-17	12.9	10.6	9.75	8.75	12.9	10.6	9.75	8.75
		-20	11.6	9.54	8.74	7.85	11.6	9.54	8.74	7.85
		-25	9.60	7.92	7.26	6.52	9.60	7.92	7.26	6.52
		-30	7.92	6.55	6.01	5.41	7.92	6.55	6.01	5.41
		-35	6.53	5.42	4.99	4.51	6.53	5.42	4.99	4.51
	-40	5.41	4.54	4.20	3.85	5.41	4.54	4.20	3.85	
	-45	4.58	3.91	3.71	3.35	4.58	3.91	3.71	3.35	
	φ22.22 (標準径)	10	22.0	20.5	20.0	19.2	22.0	20.5	20.0	19.2
		5	21.0	19.5	18.8	17.9	21.0	19.5	18.8	17.9
		0	20.1	18.4	17.6	16.6	20.1	18.4	17.6	16.6
		-5	19.2	17.5	16.7	15.8	19.2	17.5	16.7	15.8
		-10	16.3	14.9	14.2	13.4	16.3	14.9	14.2	13.4
		-12	15.3	13.9	13.3	12.5	15.3	13.9	13.3	12.5
		-15	13.8	12.6	12.0	11.3	13.8	12.6	12.0	11.3
		-17	12.9	11.7	11.2	10.5	12.9	11.7	11.2	10.5
		-20	11.6	10.5	10.0	9.44	11.6	10.5	10.0	9.44
		-25	9.60	8.72	8.34	7.84	9.60	8.72	8.34	7.84
		-30	7.92	7.20	6.89	6.48	7.92	7.20	6.89	6.48
		-35	6.53	5.95	5.69	5.37	6.53	5.95	5.69	5.37
	-40	5.41	4.95	4.75	4.50	5.41	4.95	4.75	4.50	
	-45	4.58	4.22	4.07	3.89	4.58	4.22	4.07	3.89	
	φ25.4	10	22.0	21.1	20.9	20.4	22.0	21.1	20.9	20.4
		5	21.0	20.1	19.8	19.3	21.0	20.1	19.8	19.3
		0	20.1	19.1	18.7	18.2	20.1	19.1	18.7	18.2
		-5	19.2	18.2	17.8	17.3	19.2	18.2	17.8	17.3
		-10	16.3	15.5	15.2	14.7	16.3	15.5	15.2	14.7
		-12	15.3	14.5	14.2	13.7	15.3	14.5	14.2	13.7
		-15	13.8	13.1	12.8	12.4	13.8	13.1	12.8	12.4
		-17	12.9	12.2	11.9	11.6	12.9	12.2	11.9	11.6
		-20	11.6	11.0	10.7	10.4	11.6	11.0	10.7	10.4
		-25	9.60	9.10	8.90	8.61	9.60	9.10	8.90	8.61
		-30	7.92	7.51	7.35	7.11	7.92	7.51	7.35	7.11
		-35	6.53	6.20	6.07	5.88	6.53	6.20	6.07	5.88
	-40	5.41	5.15	5.05	4.90	5.41	5.15	5.05	4.90	
	-45	4.58	4.37	4.29	4.18	4.58	4.37	4.29	4.18	
	φ28.58	10	22.0	21.4	21.3	21.1	22.0	21.4	21.3	21.1
		5	21.0	20.4	20.3	20.1	21.0	20.4	20.3	20.1
		0	20.1	19.5	19.3	19.0	20.1	19.5	19.3	19.0
		-5	19.2	18.5	18.3	18.1	19.2	18.5	18.3	18.1
		-10	16.3	15.8	15.6	15.4	16.3	15.8	15.6	15.4
		-12	15.3	14.8	14.6	14.4	15.3	14.8	14.6	14.4
		-15	13.8	13.3	13.2	13.0	13.8	13.3	13.2	13.0
		-17	12.9	12.4	12.3	12.1	12.9	12.4	12.3	12.1
		-20	11.6	11.2	11.1	10.9	11.6	11.2	11.1	10.9
		-25	9.60	9.28	9.19	9.03	9.60	9.28	9.19	9.03
		-30	7.92	7.66	7.58	7.46	7.92	7.66	7.58	7.46
		-35	6.53	6.32	6.25	6.15	6.53	6.32	6.25	6.15
	-40	5.41	5.24	5.19	5.12	5.41	5.24	5.19	5.12	
	-45	4.58	4.44	4.41	4.35	4.58	4.44	4.41	4.35	
	φ31.75	10	22.0	21.5	21.5	-	22.0	21.5	21.5	-
		5	21.0	20.6	20.5	-	21.0	20.6	20.5	-
		0	20.1	19.6	19.6	-	20.1	19.6	19.6	-
		-5	19.2	18.7	18.6	-	19.2	18.7	18.6	-
		-10	16.3	15.9	15.9	-	16.3	15.9	15.9	-
		-12	15.3	14.9	14.8	-	15.3	14.9	14.8	-
		-15	13.8	13.5	13.4	-	13.8	13.5	13.4	-
		-17	12.9	12.6	12.5	-	12.9	12.6	12.5	-
		-20	11.6	11.3	11.2	-	11.6	11.3	11.2	-
		-25	9.60	9.37	9.33	-	9.60	9.37	9.33	-
		-30	7.92	7.73	7.70	-	7.92	7.73	7.70	-
		-35	6.53	6.37	6.35	-	6.53	6.37	6.35	-
	-40	5.41	5.29	5.27	-	5.41	5.29	5.27	-	
	-45	4.58	4.48	4.46	-	4.58	4.48	4.46	-	