

配管長別冷凍能力表  
ECOV-EN67WB

○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 (℃)	配管相当長別能力 (kW)							
			50Hz				60Hz			
			0m	30m	50m	80m	0m	30m	50m	80m
液管断熱有り	φ 19.05	10	24.4	20.0	18.4	—	24.4	20.0	18.4	—
		5	23.8	18.9	17.2	—	23.8	18.9	17.2	—
		0	23.2	17.6	15.8	—	23.2	17.6	15.8	—
		-5	22.6	16.3	14.4	—	22.6	16.3	14.4	—
		-10	19.4	15.1	13.5	—	19.4	15.1	13.5	—
		-12	18.2	14.2	12.7	—	18.2	14.2	12.7	—
		-15	16.6	12.9	11.5	—	16.6	12.9	11.5	—
		-17	15.6	12.0	10.7	—	15.6	12.0	10.7	—
		-20	14.1	10.8	9.66	—	14.1	10.8	9.66	—
		-25	11.9	9.09	8.08	—	11.9	9.09	8.08	—
		-30	10.0	7.58	6.73	—	10.0	7.58	6.73	—
		-35	8.38	6.32	5.61	—	8.38	6.32	5.61	—
	-40	7.01	5.33	4.76	—	7.01	5.33	4.76	—	
	-45	5.93	4.60	4.14	—	5.93	4.60	4.14	—	
	φ 22.22 (標準径)	10	24.4	22.0	21.0	19.8	24.4	22.0	21.0	19.8
		5	23.8	21.1	20.0	18.6	23.8	21.1	20.0	18.6
		0	23.2	20.1	18.8	17.3	23.2	20.1	18.8	17.3
		-5	22.6	19.0	17.6	16.0	22.6	19.0	17.6	16.0
		-10	19.4	17.1	16.1	14.9	19.4	17.1	16.1	14.9
		-12	18.2	16.1	15.1	14.0	18.2	16.1	15.1	14.0
		-15	16.6	14.6	13.7	12.6	16.6	14.6	13.7	12.6
		-17	15.6	13.7	12.8	11.8	15.6	13.7	12.8	11.8
		-20	14.1	12.4	11.6	10.7	14.1	12.4	11.6	10.7
		-25	11.9	10.4	9.73	8.92	11.9	10.4	9.73	8.92
		-30	10.0	8.69	8.13	7.44	10.0	8.69	8.13	7.44
		-35	8.38	7.25	6.77	6.20	8.38	7.25	6.77	6.20
	-40	7.01	6.09	5.70	5.24	7.01	6.09	5.70	5.24	
	-45	5.93	5.20	4.89	4.53	5.93	5.20	4.89	4.53	
	φ 25.4	10	24.4	23.0	22.5	21.7	24.4	23.0	22.5	21.7
		5	23.8	22.2	21.6	20.7	23.8	22.2	21.6	20.7
		0	23.2	21.4	20.6	19.6	23.2	21.4	20.6	19.6
		-5	22.6	20.5	19.6	18.4	22.6	20.5	19.6	18.4
		-10	19.4	18.1	17.6	16.8	19.4	18.1	17.6	16.8
		-12	18.2	17.0	16.5	15.8	18.2	17.0	16.5	15.8
		-15	16.6	15.5	15.0	14.3	16.6	15.5	15.0	14.3
		-17	15.6	14.5	14.1	13.4	15.6	14.5	14.1	13.4
-20		14.1	13.1	12.7	12.1	14.1	13.1	12.7	12.1	
-25		11.9	11.1	10.7	10.2	11.9	11.1	10.7	10.2	
-30		10.0	9.27	8.94	8.50	10.0	9.27	8.94	8.50	
-35		8.38	7.74	7.46	7.09	8.38	7.74	7.46	7.09	
-40	7.01	6.49	6.26	5.96	7.01	6.49	6.26	5.96		
-45	5.93	5.51	5.33	5.09	5.93	5.51	5.33	5.09		

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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
液管断熱無し	φ19.05	10	23.8	19.5	18.0	—	23.8	19.5	18.0	—
		5	23.0	18.3	16.7	—	23.0	18.3	16.7	—
		0	22.2	17.0	15.3	—	22.2	17.0	15.3	—
		-5	21.3	15.6	13.9	—	21.3	15.6	13.9	—
		-10	18.1	14.3	12.9	—	18.1	14.3	12.9	—
		-12	17.0	13.4	12.1	—	17.0	13.4	12.1	—
		-15	15.3	12.1	10.9	—	15.3	12.1	10.9	—
		-17	14.3	11.2	10.1	—	14.3	11.2	10.1	—
		-20	12.8	10.1	9.06	—	12.8	10.1	9.06	—
		-25	10.7	8.34	7.51	—	10.7	8.34	7.51	—
		-30	8.76	6.88	6.19	—	8.76	6.88	6.19	—
		-35	7.18	5.66	5.11	—	7.18	5.66	5.11	—
		-40	5.89	4.73	4.31	—	5.89	4.73	4.31	—
		-45	4.91	4.06	3.74	—	4.91	4.06	3.74	—
		φ22.22 (標準径)	10	23.8	21.5	20.5	19.3	23.8	21.5	20.5
	5		23.0	20.4	19.4	18.1	23.0	20.4	19.4	18.1
	0		22.2	19.3	18.1	16.7	22.2	19.3	18.1	16.7
	-5		21.3	18.1	16.8	15.3	21.3	18.1	16.8	15.3
	-10		18.1	16.1	15.2	14.1	18.1	16.1	15.2	14.1
	-12		17.0	15.1	14.2	13.2	17.0	15.1	14.2	13.2
	-15		15.3	13.6	12.8	11.9	15.3	13.6	12.8	11.9
	-17		14.3	12.7	12.0	11.1	14.3	12.7	12.0	11.1
	-20		12.8	11.4	10.7	9.92	12.8	11.4	10.7	9.9
	-25		10.7	9.41	8.88	8.22	10.7	9.41	8.88	8.22
	-30		8.76	7.75	7.31	6.77	8.76	7.75	7.31	6.77
	-35		7.18	6.36	6.01	5.58	7.18	6.36	6.01	5.58
	-40		5.89	5.27	5.00	4.67	5.89	5.27	5.00	4.67
	-45		4.91	4.46	4.27	4.02	4.91	4.46	4.27	4.02
	φ25.4		10	23.8	22.5	22.0	21.2	23.8	22.5	22.0
		5	23.0	21.5	20.9	20.1	23.0	21.5	20.9	20.1
		0	22.2	20.5	19.8	18.9	22.2	20.5	19.8	18.9
		-5	21.3	19.4	18.6	17.6	21.3	19.4	18.6	17.6
		-10	18.1	17.0	16.5	15.8	18.1	17.0	16.5	15.8
		-12	17.0	15.9	15.4	14.8	17.0	15.9	15.4	14.8
		-15	15.3	14.4	13.9	13.3	15.3	14.4	13.9	13.3
		-17	14.3	13.4	13.0	12.4	14.3	13.4	13.0	12.4
		-20	12.8	12.0	11.7	11.2	12.8	12.0	11.7	11.2
		-25	10.7	9.95	9.65	9.24	10.7	10.0	9.65	9.24
		-30	8.76	8.19	7.94	7.61	8.76	8.19	7.94	7.61
		-35	7.18	6.71	6.52	6.25	7.18	6.71	6.52	6.25
		-40	5.89	5.53	5.39	5.19	5.89	5.53	5.39	5.19
		-45	4.91	4.65	4.55	4.40	4.91	4.65	4.55	4.40
		φ28.58	10	23.8	23.0	22.7	22.3	23.8	23.0	22.7
	5		23.0	22.1	21.7	21.3	23.0	22.1	21.7	21.3
	0		22.2	21.1	20.7	20.2	22.2	21.1	20.7	20.2
-5	21.3		20.1	19.7	19.0	21.3	20.1	19.7	19.0	
-10	18.1		17.4	17.2	16.8	18.1	17.4	17.2	16.8	
-12	17.0		16.3	16.1	15.7	17.0	16.3	16.1	15.7	
-15	15.3		14.7	14.5	14.2	15.3	14.7	14.5	14.2	
-17	14.3		13.7	13.5	13.2	14.3	13.7	13.5	13.2	
-20	12.8		12.3	12.1	11.9	12.8	12.3	12.1	11.9	
-25	10.7		10.2	10.1	9.83	10.7	10.2	10.1	9.83	
-30	8.76		8.41	8.28	8.09	8.76	8.41	8.28	8.09	
-35	7.18		6.89	6.79	6.63	7.18	6.89	6.79	6.63	
-40	5.89		5.67	5.59	5.48	5.89	5.67	5.59	5.48	
-45	4.91		4.74	4.69	4.61	4.91	4.74	4.69	4.61	
φ31.75	10		23.8	23.2	23.1	—	23.8	23.2	23.1	—
	5	23.0	22.3	22.2	—	23.0	22.3	22.2	—	
	0	22.2	21.4	21.2	—	22.2	21.4	21.2	—	
	-5	21.3	20.5	20.3	—	21.3	20.5	20.3	—	
	-10	18.1	17.6	17.5	—	18.1	17.6	17.5	—	
	-12	17.0	16.5	16.4	—	17.0	16.5	16.4	—	
	-15	15.3	14.9	14.8	—	15.3	14.9	14.8	—	
	-17	14.3	13.9	13.8	—	14.3	13.9	13.8	—	
	-20	12.8	12.5	12.4	—	12.8	12.5	12.4	—	
	-25	10.7	10.3	10.3	—	10.7	10.3	10.3	—	
	-30	8.76	8.51	8.45	—	8.76	8.51	8.45	—	
	-35	7.18	6.97	6.92	—	7.18	6.97	6.92	—	
	-40	5.89	5.73	5.70	—	5.89	5.73	5.70	—	
	-45	4.91	4.79	4.77	—	4.91	4.79	4.77	—	