

# A10 コンデンシングユニット〈配管長別能力表〉

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# 〈1〉スクロール形 (R410A)

## (1) 一体空冷式 一定速

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	100m	0m	30m	50m	80m	100m
ERA-EN22A	φ 15.88	-5	8.01	7.15	6.77	-	-	9.62	8.25	7.67	-	-
		-10	6.76	6.02	5.70	-	-	8.12	6.94	6.45	-	-
		-15	5.63	5.01	4.74	-	-	6.77	5.78	5.37	-	-
		-20	4.64	4.13	3.91	-	-	5.57	4.76	4.43	-	-
		-25	3.77	3.36	3.19	-	-	4.52	3.87	3.61	-	-
		-30	3.03	2.71	2.58	-	-	3.62	3.12	2.91	-	-
		-35	2.42	2.18	2.08	-	-	2.87	2.50	2.34	-	-
		-40	1.94	1.76	1.69	-	-	2.28	2.00	1.89	-	-
		-45	1.58	1.46	1.41	-	-	1.83	1.64	1.56	-	-
	φ 19.05 (標準寸法)	-5	8.01	7.62	7.47	-	-	9.62	9.00	8.74	-	-
		-10	6.76	6.42	6.29	-	-	8.12	7.59	7.36	-	-
		-15	5.63	5.35	5.24	-	-	6.77	6.32	6.13	-	-
		-20	4.64	4.41	4.32	-	-	5.57	5.20	5.05	-	-
		-25	3.77	3.58	3.51	-	-	4.52	4.23	4.10	-	-
		-30	3.03	2.89	2.83	-	-	3.62	3.39	3.30	-	-
		-35	2.42	2.31	2.27	-	-	2.87	2.70	2.63	-	-
		-40	1.94	1.85	1.83	-	-	2.28	2.15	2.10	-	-
		-45	1.58	1.52	1.50	-	-	1.83	1.74	1.71	-	-
	φ 22.2	-5	8.01	7.78	7.72	-	-	9.62	9.27	9.16	-	-
		-10	6.76	6.56	6.51	-	-	8.12	7.82	7.72	-	-
		-15	5.63	5.47	5.43	-	-	6.77	6.52	6.43	-	-
		-20	4.64	4.50	4.47	-	-	5.57	5.36	5.29	-	-
		-25	3.77	3.66	3.63	-	-	4.52	4.35	4.30	-	-
		-30	3.03	2.94	2.92	-	-	3.62	3.49	3.45	-	-
		-35	2.42	2.35	2.34	-	-	2.87	2.78	2.75	-	-
		-40	1.94	1.89	1.88	-	-	2.28	2.20	2.18	-	-
		-45	1.58	1.54	1.54	-	-	1.83	1.78	1.77	-	-
ERA-EN30A	φ 15.88	-5	10.16	8.58	7.93	-	-	12.09	9.68	8.76	-	-
		-10	8.56	7.21	6.66	-	-	10.19	8.14	7.37	-	-
		-15	7.12	6.00	5.54	-	-	8.49	6.77	6.13	-	-
		-20	5.85	4.93	4.56	-	-	6.98	5.58	5.05	-	-
		-25	4.74	4.01	3.72	-	-	5.66	4.54	4.12	-	-
		-30	3.79	3.23	3.00	-	-	4.53	3.66	3.34	-	-
		-35	3.01	2.59	2.42	-	-	3.59	2.94	2.69	-	-
		-40	2.39	2.08	1.96	-	-	2.84	2.37	2.19	-	-
		-45	1.94	1.72	1.64	-	-	2.29	1.96	1.84	-	-
	φ 19.05 (標準寸法)	-5	10.16	9.44	9.14	-	-	12.09	10.97	10.49	-	-
		-10	8.56	7.95	7.69	-	-	10.19	9.24	8.82	-	-
		-15	7.12	6.61	6.39	-	-	8.49	7.69	7.34	-	-
		-20	5.85	5.43	5.25	-	-	6.98	6.33	6.04	-	-
		-25	4.74	4.41	4.27	-	-	5.66	5.14	4.91	-	-
		-30	3.79	3.54	3.43	-	-	4.53	4.12	3.95	-	-
		-35	3.01	2.82	2.74	-	-	3.59	3.29	3.16	-	-
		-40	2.39	2.25	2.19	-	-	2.84	2.62	2.53	-	-
		-45	1.94	1.84	1.80	-	-	2.29	2.13	2.07	-	-
	φ 22.2	-5	10.16	9.76	9.62	-	-	12.09	11.48	11.23	-	-
		-10	8.56	8.22	8.10	-	-	10.19	9.67	9.46	-	-
		-15	7.12	6.84	6.74	-	-	8.49	8.05	7.88	-	-
		-20	5.85	5.61	5.53	-	-	6.98	6.62	6.48	-	-
		-25	4.74	4.55	4.49	-	-	5.66	5.37	5.26	-	-
		-30	3.79	3.65	3.60	-	-	4.53	4.30	4.22	-	-
		-35	3.01	2.90	2.87	-	-	3.59	3.42	3.36	-	-
		-40	2.39	2.31	2.29	-	-	2.84	2.72	2.68	-	-
		-45	1.94	1.88	1.86	-	-	2.29	2.20	2.17	-	-

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

(2) 一体空冷式 インバータ

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-EN15WB 液管断熱 有りモード	φ 15.88	10	9.31	8.25	7.82	7.31	9.31	8.25	7.82	7.31		
		5	8.57	7.51	7.08	6.58	8.57	7.51	7.08	6.58		
		0	7.82	6.77	6.35	5.87	7.82	6.77	6.35	5.87		
		-5	7.08	6.04	5.63	5.17	7.08	6.04	5.63	5.17		
		-10	6.04	5.50	5.27	4.95	6.04	5.50	5.27	4.95		
		-12	5.66	5.15	4.92	4.63	5.66	5.15	4.92	4.63		
		-15	5.11	4.64	4.43	4.17	5.11	4.64	4.43	4.17		
		-17	4.76	4.32	4.13	3.88	4.76	4.32	4.13	3.88		
		-20	4.27	3.87	3.70	3.47	4.27	3.87	3.70	3.47		
		-25	3.53	3.20	3.06	2.87	3.53	3.20	3.06	2.87		
		-30	2.90	2.62	2.51	2.35	2.90	2.62	2.51	2.35		
		-35	2.36	2.14	2.04	1.92	2.36	2.14	2.04	1.92		
		-40	1.91	1.74	1.67	1.57	1.91	1.74	1.67	1.57		
		-45	1.57	1.44	1.39	1.31	1.57	1.44	1.39	1.31		
		φ 19.05 (標準寸法)	10	9.31	8.82	8.63	8.36	9.31	8.82	8.63	8.36	
			5	8.57	8.08	7.88	7.61	8.57	8.08	7.88	7.61	
	0		7.82	7.33	7.14	6.87	7.82	7.33	7.14	6.87		
	-5		7.08	6.59	6.39	6.13	7.08	6.59	6.39	6.13		
	-10		6.04	5.80	5.71	5.58	6.04	5.80	5.71	5.58		
	-12		5.66	5.42	5.34	5.21	5.66	5.42	5.34	5.21		
	-15		5.11	4.90	4.82	4.70	5.11	4.90	4.82	4.70		
	-17		4.76	4.56	4.49	4.38	4.76	4.56	4.49	4.38		
	-20		4.27	4.09	4.03	3.93	4.27	4.09	4.03	3.93		
	-25		3.53	3.38	3.33	3.24	3.53	3.38	3.33	3.24		
	-30		2.90	2.77	2.73	2.66	2.90	2.77	2.73	2.66		
	-35		2.36	2.26	2.22	2.17	2.36	2.26	2.22	2.17		
	-40		1.91	1.84	1.81	1.77	1.91	1.84	1.81	1.77		
	-45		1.57	1.51	1.49	1.46	1.57	1.51	1.49	1.46		
	ECO-EN15WB 液管断熱 無しモード		φ 15.88	10	9.13	8.10	7.69	7.19	9.13	8.10	7.69	7.19
				5	8.36	7.34	6.94	6.46	8.36	7.34	6.94	6.46
		0		7.58	6.59	6.20	5.74	7.58	6.59	6.20	5.74	
		-5		6.81	5.84	5.47	5.03	6.81	5.84	5.47	5.03	
-10		5.72		5.21	4.98	4.69	5.72	5.21	4.98	4.69		
-12		5.31		4.83	4.63	4.36	5.31	4.83	4.63	4.36		
-15		4.73		4.31	4.12	3.88	4.73	4.31	4.12	3.88		
-17		4.36		3.98	3.81	3.59	4.36	3.98	3.81	3.59		
-20		3.85		3.51	3.37	3.17	3.85	3.51	3.37	3.17		
-25		3.09		2.83	2.71	2.56	3.09	2.83	2.71	2.56		
-30		2.45		2.25	2.16	2.05	2.45	2.25	2.16	2.05		
-35		1.92		1.77	1.71	1.63	1.92	1.77	1.71	1.63		
-40		1.50		1.40	1.36	1.30	1.50	1.40	1.36	1.30		
-45		1.20		1.13	1.11	1.07	1.20	1.13	1.11	1.07		
φ 19.05 (標準寸法)		10		9.13	8.65	8.47	8.22	9.13	8.65	8.47	8.22	
		5		8.36	7.89	7.70	7.45	8.36	7.89	7.70	7.45	
		0	7.58	7.12	6.94	6.69	7.58	7.12	6.94	6.69		
		-5	6.81	6.36	6.18	5.93	6.81	6.36	6.18	5.93		
		-10	5.72	5.48	5.40	5.27	5.72	5.48	5.40	5.27		
		-12	5.31	5.09	5.01	4.90	5.31	5.09	5.01	4.90		
		-15	4.73	4.53	4.47	4.36	4.73	4.53	4.47	4.36		
		-17	4.36	4.18	4.12	4.03	4.36	4.18	4.12	4.03		
		-20	3.85	3.70	3.64	3.56	3.85	3.70	3.64	3.56		
		-25	3.09	2.97	2.93	2.86	3.09	2.97	2.93	2.86		
		-30	2.45	2.35	2.32	2.28	2.45	2.35	2.32	2.28		
		-35	1.92	1.85	1.83	1.79	1.92	1.85	1.83	1.79		
		-40	1.50	1.45	1.44	1.42	1.50	1.45	1.44	1.42		
		-45	1.20	1.17	1.16	1.15	1.20	1.17	1.16	1.15		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	
ECOV-EN22WB 液管断熱 有りモード	φ 15.88	10	11.3	9.69	9.07	8.37	11.3	9.69	9.07	8.37	
		5	10.6	8.97	8.34	7.63	10.6	8.97	8.34	7.63	
		0	10.0	8.25	7.60	6.90	10.0	8.25	7.60	6.90	
		-5	9.38	7.52	6.87	6.17	9.38	7.52	6.87	6.17	
		-10	8.11	7.00	6.52	5.95	8.11	7.00	6.52	5.95	
		-12	7.62	6.56	6.10	5.56	7.62	6.56	6.10	5.56	
		-15	6.91	5.93	5.51	5.01	6.91	5.93	5.51	5.01	
		-17	6.46	5.53	5.13	4.66	6.46	5.53	5.13	4.66	
		-20	5.82	4.96	4.60	4.17	5.82	4.96	4.60	4.17	
		-25	4.83	4.10	3.79	3.43	4.83	4.10	3.79	3.43	
		-30	3.95	3.34	3.08	2.79	3.95	3.34	3.08	2.79	
		-35	3.18	2.68	2.47	2.24	3.18	2.68	2.47	2.24	
		-40	2.51	2.12	1.96	1.78	2.51	2.12	1.96	1.78	
		-45	1.95	1.65	1.53	1.39	1.95	1.65	1.53	1.39	
		φ 19.05 (標準寸法)	10	11.3	10.5	10.2	9.83	11.3	10.5	10.2	9.83
	5		10.6	9.86	9.54	9.11	10.6	9.86	9.54	9.11	
	0		10.0	9.18	8.83	8.38	10.0	9.18	8.83	8.38	
	-5		9.38	8.49	8.11	7.65	9.38	8.49	8.11	7.65	
	-10		8.11	7.62	7.41	7.11	8.11	7.62	7.41	7.11	
	-12		7.62	7.15	6.95	6.66	7.62	7.15	6.95	6.66	
	-15		6.91	6.47	6.28	6.02	6.91	6.47	6.28	6.02	
	-17		6.46	6.04	5.86	5.61	6.46	6.04	5.86	5.61	
	-20		5.82	5.43	5.27	5.04	5.82	5.43	5.27	5.04	
	-25		4.83	4.50	4.36	4.16	4.83	4.50	4.36	4.16	
	-30		3.95	3.67	3.55	3.39	3.95	3.67	3.55	3.39	
	-35		3.18	2.95	2.85	2.72	3.18	2.95	2.85	2.72	
	-40		2.51	2.33	2.26	2.15	2.51	2.33	2.26	2.15	
	-45		1.95	1.81	1.76	1.68	1.95	1.81	1.76	1.68	
	ECOV-EN22WB 液管断熱 無しモード		φ 15.88	10	11.0	9.46	8.87	8.19	11.0	9.46	8.87
		5		10.3	8.71	8.11	7.43	10.3	8.71	8.11	7.43
		0		9.57	7.94	7.34	6.68	9.57	7.94	7.34	6.68
		-5		8.86	7.18	6.59	5.94	8.86	7.18	6.59	5.94
		-10		7.52	6.53	6.10	5.59	7.52	6.53	6.10	5.59
		-12		7.01	6.07	5.67	5.20	7.01	6.07	5.67	5.20
		-15		6.27	5.43	5.07	4.65	6.27	5.43	5.07	4.65
		-17		5.80	5.02	4.69	4.30	5.80	5.02	4.69	4.30
-20		5.15		4.45	4.16	3.82	5.15	4.45	4.16	3.82	
-25		4.15		3.60	3.37	3.09	4.15	3.60	3.37	3.09	
-30		3.30		2.87	2.69	2.48	3.30	2.87	2.69	2.48	
-35		2.57		2.25	2.12	1.96	2.57	2.25	2.12	1.96	
-40		1.98		1.75	1.65	1.54	1.98	1.75	1.65	1.54	
-45		1.51		1.36	1.29	1.21	1.51	1.36	1.29	1.21	
φ 19.05 (標準寸法)		10		11.0	10.3	10.0	9.61	11.0	10.3	10.0	9.61
		5	10.3	9.55	9.24	8.84	10.3	9.55	9.24	8.84	
		0	9.57	8.81	8.49	8.07	9.57	8.81	8.49	8.07	
		-5	8.86	8.06	7.73	7.30	8.86	8.06	7.73	7.30	
		-10	7.52	7.08	6.89	6.62	7.52	7.08	6.89	6.62	
		-12	7.01	6.59	6.41	6.16	7.01	6.59	6.41	6.16	
		-15	6.27	5.89	5.73	5.51	6.27	5.89	5.73	5.51	
		-17	5.80	5.45	5.31	5.10	5.80	5.45	5.31	5.10	
		-20	5.15	4.83	4.70	4.52	5.15	4.83	4.70	4.52	
		-25	4.15	3.91	3.80	3.66	4.15	3.91	3.80	3.66	
		-30	3.30	3.10	3.02	2.91	3.30	3.10	3.02	2.91	
		-35	2.57	2.43	2.37	2.29	2.57	2.43	2.37	2.29	
		-40	1.98	1.87	1.83	1.77	1.98	1.87	1.83	1.77	
		-45	1.51	1.44	1.42	1.38	1.51	1.44	1.42	1.38	
		φ 22.22	10	11.0	10.6	10.5	10.3	11.0	10.6	10.5	10.3
5			10.3	9.89	9.76	9.56	10.3	9.89	9.76	9.56	
0			9.57	9.17	9.02	8.81	9.57	9.17	9.02	8.81	
-5			8.86	8.44	8.28	8.06	8.86	8.44	8.28	8.06	
-10			7.52	7.28	7.21	7.09	7.52	7.28	7.21	7.09	
-12			7.01	6.78	6.71	6.60	7.01	6.78	6.71	6.60	
-15			6.27	6.06	6.00	5.91	6.27	6.06	6.00	5.91	
-17			5.80	5.61	5.56	5.47	5.80	5.61	5.56	5.47	
-20	5.15		4.98	4.93	4.85	5.15	4.98	4.93	4.85		
-25	4.15		4.02	3.98	3.92	4.15	4.02	3.98	3.92		
-30	3.30		3.19	3.16	3.11	3.30	3.19	3.16	3.11		
-35	2.57		2.49	2.47	2.43	2.57	2.49	2.47	2.43		
-40	1.98		1.92	1.90	1.88	1.98	1.92	1.90	1.88		
-45	1.51		1.47	1.46	1.45	1.51	1.47	1.46	1.45		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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-EN30WB 液管断熱 有りモード	φ 15.88	10	15.6	12.2	11.1	-	15.6	12.2	11.1	-
		5	14.5	11.1	10.0	-	14.5	11.1	10.0	-
		0	13.5	10.0	8.96	-	13.5	10.0	8.96	-
		-5	12.5	8.96	7.94	-	12.5	8.96	7.94	-
		-10	10.8	8.60	7.76	-	10.8	8.60	7.76	-
		-12	10.1	8.05	7.26	-	10.1	8.05	7.26	-
		-15	9.19	7.28	6.56	-	9.19	7.28	6.56	-
		-17	8.60	6.80	6.11	-	8.60	6.80	6.11	-
		-20	7.77	6.11	5.49	-	7.77	6.11	5.49	-
		-25	6.50	5.08	4.56	-	6.50	5.08	4.56	-
		-30	5.39	4.20	3.76	-	5.39	4.20	3.76	-
		-35	4.44	3.45	3.09	-	4.44	3.45	3.09	-
	-40	3.64	2.83	2.55	-	3.64	2.83	2.55	-	
	-45	2.99	2.33	2.10	-	2.99	2.33	2.10	-	
	φ 19.05 (標準寸法)	10	15.6	13.9	13.2	12.4	15.6	13.9	13.2	12.4
		5	14.5	12.8	12.1	11.3	14.5	12.8	12.1	11.3
		0	13.5	11.7	11.0	10.2	13.5	11.7	11.0	10.2
		-5	12.5	10.7	10.0	9.14	12.5	10.7	10.0	9.14
		-10	10.8	9.78	9.33	8.75	10.8	9.78	9.33	8.75
		-12	10.1	9.17	8.75	8.20	10.1	9.17	8.75	8.20
		-15	9.19	8.31	7.92	7.41	9.19	8.31	7.92	7.41
		-17	8.60	7.77	7.40	6.92	8.60	7.77	7.40	6.92
		-20	7.77	7.00	6.66	6.22	7.77	7.00	6.66	6.22
		-25	6.50	5.84	5.55	5.18	6.50	5.84	5.55	5.18
		-30	5.39	4.83	4.59	4.28	5.39	4.83	4.59	4.28
		-35	4.44	3.97	3.77	3.51	4.44	3.97	3.77	3.51
	-40	3.64	3.26	3.09	2.88	3.64	3.26	3.09	2.88	
	-45	2.99	2.68	2.55	2.38	2.99	2.68	2.55	2.38	
	φ 22.22	10	15.6	14.7	14.3	13.9	15.6	14.7	14.3	13.9
		5	14.5	13.6	13.3	12.8	14.5	13.6	13.3	12.8
		0	13.5	12.6	12.2	11.7	13.5	12.6	12.2	11.7
		-5	12.5	11.5	11.1	10.6	12.5	11.5	11.1	10.6
		-10	10.8	10.3	10.1	9.76	10.8	10.3	10.1	9.76
		-12	10.1	9.63	9.44	9.16	10.1	9.63	9.44	9.16
		-15	9.19	8.74	8.56	8.30	9.19	8.74	8.56	8.30
		-17	8.60	8.17	8.00	7.75	8.60	8.17	8.00	7.75
-20		7.77	7.37	7.22	6.99	7.77	7.37	7.22	6.99	
-25		6.50	6.16	6.03	5.83	6.50	6.16	6.03	5.83	
-30		5.39	5.10	4.99	4.82	5.39	5.10	4.99	4.82	
-35		4.44	4.20	4.10	3.96	4.44	4.20	4.10	3.96	
-40	3.64	3.44	3.36	3.25	3.64	3.44	3.36	3.25		
-45	2.99	2.84	2.77	2.68	2.99	2.84	2.77	2.68		

注1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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
ECOV-EN30WB 液管断熱 無しモード	φ 15.88	10	14.6	11.6	10.6	-	14.6	11.6	10.6	-
		5	13.6	10.6	9.60	-	13.6	10.6	9.60	-
		0	12.6	9.54	8.59	-	12.6	9.54	8.59	-
		-5	11.5	8.52	7.60	-	11.5	8.52	7.60	-
		-10	9.84	8.02	7.31	-	9.84	8.02	7.31	-
		-12	9.21	7.49	6.82	-	9.21	7.49	6.82	-
		-15	8.30	6.74	6.13	-	8.30	6.74	6.13	-
		-17	7.73	6.26	5.69	-	7.73	6.26	5.69	-
		-20	6.92	5.60	5.09	-	6.92	5.60	5.09	-
		-25	5.69	4.60	4.18	-	5.69	4.60	4.18	-
		-30	4.63	3.75	3.41	-	4.63	3.75	3.41	-
		-35	3.72	3.03	2.76	-	3.72	3.03	2.76	-
	-40	2.98	2.44	2.24	-	2.98	2.44	2.24	-	
	-45	2.39	1.96	1.80	-	2.39	1.96	1.80	-	
	φ 19.05 (標準寸法)	10	14.6	13.1	12.5	11.8	14.6	13.1	12.5	11.8
		5	13.6	12.1	11.5	10.8	13.6	12.1	11.5	10.8
		0	12.6	11.0	10.4	9.71	12.6	11.0	10.4	9.71
		-5	11.5	10.0	9.39	8.68	11.5	10.0	9.39	8.68
		-10	9.84	9.01	8.65	8.16	9.84	9.01	8.65	8.16
		-12	9.21	8.42	8.08	7.62	9.21	8.42	8.08	7.62
		-15	8.30	7.58	7.27	6.85	8.30	7.58	7.27	6.85
		-17	7.73	7.06	6.76	6.37	7.73	7.06	6.76	6.37
		-20	6.92	6.31	6.04	5.69	6.92	6.31	6.04	5.69
		-25	5.69	5.19	4.97	4.68	5.69	5.19	4.97	4.68
		-30	4.63	4.22	4.04	3.81	4.63	4.22	4.04	3.81
		-35	3.72	3.40	3.26	3.08	3.72	3.40	3.26	3.08
	-40	2.98	2.73	2.62	2.48	2.98	2.73	2.62	2.48	
	-45	2.39	2.19	2.11	1.99	2.39	2.19	2.11	1.99	
	φ 22.22	10	14.6	13.8	13.5	13.1	14.6	13.8	13.5	13.1
		5	13.6	12.8	12.5	12.1	13.6	12.8	12.5	12.1
		0	12.6	11.8	11.4	11.0	12.6	11.8	11.4	11.0
		-5	11.5	10.7	10.4	9.95	11.5	10.7	10.4	9.95
		-10	9.84	9.41	9.25	9.01	9.84	9.41	9.25	9.01
		-12	9.21	8.80	8.65	8.42	9.21	8.80	8.65	8.42
		-15	8.30	7.93	7.79	7.58	8.30	7.93	7.79	7.58
		-17	7.73	7.38	7.25	7.05	7.73	7.38	7.25	7.05
		-20	6.92	6.60	6.48	6.30	6.92	6.60	6.48	6.30
		-25	5.69	5.43	5.33	5.19	5.69	5.43	5.33	5.19
		-30	4.63	4.42	4.34	4.22	4.63	4.42	4.34	4.22
		-35	3.72	3.56	3.49	3.40	3.72	3.56	3.49	3.40
	-40	2.98	2.85	2.80	2.73	2.98	2.85	2.80	2.73	
	-45	2.39	2.29	2.25	2.19	2.39	2.29	2.25	2.19	
	φ 25.4	10	14.6	14.1	14.0	13.8	14.6	14.1	14.0	13.8
		5	13.6	13.1	13.0	12.7	13.6	13.1	13.0	12.7
		0	12.6	12.1	11.9	11.7	12.6	12.1	11.9	11.7
		-5	11.5	11.1	10.9	10.7	11.5	11.1	10.9	10.7
		-10	9.84	9.58	9.52	9.41	9.84	9.58	9.52	9.41
		-12	9.21	8.96	8.90	8.80	9.21	8.96	8.90	8.80
		-15	8.30	8.07	8.02	7.93	8.30	8.07	8.02	7.93
		-17	7.73	7.52	7.47	7.38	7.73	7.52	7.47	7.38
		-20	6.92	6.73	6.68	6.60	6.92	6.73	6.68	6.60
		-25	5.69	5.53	5.50	5.43	5.69	5.53	5.50	5.43
		-30	4.63	4.50	4.47	4.41	4.63	4.50	4.47	4.41
		-35	3.72	3.62	3.60	3.55	3.72	3.62	3.60	3.55
	-40	2.98	2.90	2.88	2.85	2.98	2.90	2.88	2.85	
	-45	2.39	2.33	2.31	2.29	2.39	2.33	2.31	2.29	

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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-EN37WB 液管断熱 有りモード	φ 15.88	10	16.9	12.9	11.7	-	16.9	12.9	11.7	-
		5	16.0	11.8	10.6	-	16.0	11.8	10.6	-
		0	15.0	10.7	9.51	-	15.0	10.7	9.51	-
		-5	14.1	9.65	8.46	-	14.1	9.65	8.46	-
		-10	12.2	9.32	8.29	-	12.2	9.32	8.29	-
		-12	11.5	8.74	7.75	-	11.5	8.74	7.75	-
		-15	10.5	7.91	7.00	-	10.5	7.91	7.00	-
		-17	9.81	7.38	6.53	-	9.81	7.38	6.53	-
		-20	8.88	6.64	5.86	-	8.88	6.64	5.86	-
		-25	7.47	5.53	4.86	-	7.47	5.53	4.86	-
		-30	6.21	4.55	4.00	-	6.21	4.55	4.00	-
		-35	5.11	3.72	3.26	-	5.11	3.72	3.26	-
	-40	4.16	3.02	2.65	-	4.16	3.02	2.65	-	
	-45	3.36	2.49	2.21	-	3.36	2.49	2.21	-	
	φ 19.05 (標準寸法)	10	16.9	14.9	14.1	13.2	16.9	14.9	14.1	13.2
		5	16.0	13.9	13.0	12.1	16.0	13.9	13.0	12.1
		0	15.0	12.8	11.9	11.0	15.0	12.8	11.9	11.0
		-5	14.1	11.7	10.8	9.85	14.1	11.7	10.8	9.85
		-10	12.2	10.8	10.3	9.50	12.2	10.8	10.3	9.50
		-12	11.5	10.2	9.62	8.91	11.5	10.2	9.62	8.91
		-15	10.5	9.26	8.73	8.06	10.5	9.26	8.73	8.06
		-17	9.81	8.66	8.16	7.53	9.81	8.66	8.16	7.53
		-20	8.88	7.82	7.35	6.77	8.88	7.82	7.35	6.77
		-25	7.47	6.54	6.13	5.64	7.47	6.54	6.13	5.64
		-30	6.21	5.41	5.07	4.65	6.21	5.41	5.07	4.65
		-35	5.11	4.43	4.14	3.79	5.11	4.43	4.14	3.79
	-40	4.16	3.60	3.36	3.08	4.16	3.60	3.36	3.08	
	-45	3.36	2.93	2.75	2.54	3.36	2.93	2.75	2.54	
	φ 22.22	10	16.9	15.9	15.5	14.9	16.9	15.9	15.5	14.9
		5	16.0	14.9	14.4	13.8	16.0	14.9	14.4	13.8
		0	15.0	13.8	13.4	12.7	15.0	13.8	13.4	12.7
		-5	14.1	12.8	12.3	11.6	14.1	12.8	12.3	11.6
		-10	12.2	11.5	11.2	10.8	12.2	11.5	11.2	10.8
		-12	11.5	10.8	10.5	10.2	11.5	10.8	10.5	10.2
		-15	10.5	9.84	9.59	9.22	10.5	9.84	9.59	9.22
		-17	9.81	9.22	8.98	8.62	9.81	9.22	8.98	8.62
-20		8.88	8.34	8.11	7.78	8.88	8.34	8.11	7.78	
-25		7.47	7.00	6.79	6.51	7.47	7.00	6.79	6.51	
-30		6.21	5.80	5.63	5.38	6.21	5.80	5.63	5.38	
-35		5.11	4.76	4.61	4.41	5.11	4.76	4.61	4.41	
-40	4.16	3.87	3.75	3.58	4.16	3.87	3.75	3.58		
-45	3.36	3.14	3.05	2.92	3.36	3.14	3.05	2.92		

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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
ECOV-EN37WB 液管断熱 無しモード	φ 15.88	10	15.8	12.4	11.2	-	15.8	12.4	11.2	-
		5	14.9	11.3	10.2	-	14.9	11.3	10.2	-
		0	14.0	10.3	9.18	-	14.0	10.3	9.18	-
		-5	13.1	9.25	8.18	-	13.1	9.25	8.18	-
		-10	11.2	8.75	7.84	-	11.2	8.75	7.84	-
		-12	10.5	8.17	7.32	-	10.5	8.17	7.32	-
		-15	9.47	7.36	6.59	-	9.47	7.36	6.59	-
		-17	8.83	6.85	6.13	-	8.83	6.85	6.13	-
		-20	7.93	6.13	5.48	-	7.93	6.13	5.48	-
		-25	6.56	5.05	4.51	-	6.56	5.05	4.51	-
		-30	5.36	4.12	3.68	-	5.36	4.12	3.68	-
		-35	4.32	3.33	2.98	-	4.32	3.33	2.98	-
	-40	3.44	2.67	2.40	-	3.44	2.67	2.40	-	
	-45	2.74	2.19	2.00	-	2.74	2.19	2.00	-	
	φ 19.05 (標準寸法)	10	15.8	14.1	13.4	12.6	15.8	14.1	13.4	12.6
		5	14.9	13.1	12.4	11.5	14.9	13.1	12.4	11.5
		0	14.0	12.1	11.3	10.5	14.0	12.1	11.3	10.5
		-5	13.1	11.1	10.3	9.44	13.1	11.1	10.3	9.44
		-10	11.2	10.0	9.55	8.91	11.2	10.0	9.55	8.91
		-12	10.5	9.40	8.93	8.32	10.5	9.40	8.93	8.32
		-15	9.47	8.48	8.05	7.50	9.47	8.48	8.05	7.50
		-17	8.83	7.91	7.50	6.98	8.83	7.91	7.50	6.98
		-20	7.93	7.09	6.71	6.24	7.93	7.09	6.71	6.24
		-25	6.56	5.85	5.54	5.14	6.56	5.85	5.54	5.14
		-30	5.36	4.77	4.51	4.19	5.36	4.77	4.51	4.19
		-35	4.32	3.85	3.64	3.39	4.32	3.85	3.64	3.39
	-40	3.44	3.08	2.92	2.72	3.44	3.08	2.92	2.72	
	-45	2.74	2.48	2.37	2.23	2.74	2.48	2.37	2.23	
	φ 22.22	10	15.8	14.9	14.6	14.1	15.8	14.9	14.6	14.1
		5	14.9	13.9	13.6	13.0	14.9	13.9	13.6	13.0
		0	14.0	13.0	12.6	12.0	14.0	13.0	12.6	12.0
		-5	13.1	12.0	11.6	11.0	13.1	12.0	11.6	11.0
		-10	11.2	10.6	10.4	10.0	11.2	10.6	10.4	10.0
		-12	10.5	9.92	9.70	9.38	10.5	9.92	9.70	9.38
		-15	9.47	8.96	8.76	8.46	9.47	8.96	8.76	8.46
		-17	8.83	8.36	8.16	7.88	8.83	8.36	8.16	7.88
		-20	7.93	7.50	7.32	7.06	7.93	7.50	7.32	7.06
		-25	6.56	6.19	6.04	5.83	6.56	6.19	6.04	5.83
		-30	5.36	5.05	4.93	4.75	5.36	5.05	4.93	4.75
		-35	4.32	4.07	3.98	3.83	4.32	4.07	3.98	3.83
	-40	3.44	3.25	3.18	3.07	3.44	3.25	3.18	3.07	
	-45	2.74	2.60	2.55	2.48	2.74	2.60	2.55	2.48	
	φ 25.4	10	15.8	15.3	15.1	14.9	15.8	15.3	15.1	14.9
		5	14.9	14.3	14.2	13.9	14.9	14.3	14.2	13.9
		0	14.0	13.4	13.2	12.9	14.0	13.4	13.2	12.9
		-5	13.1	12.4	12.2	11.9	13.1	12.4	12.2	11.9
		-10	11.2	10.8	10.7	10.6	11.2	10.8	10.7	10.6
		-12	10.5	10.1	10.1	9.90	10.5	10.1	10.1	9.90
		-15	9.47	9.17	9.08	8.94	9.47	9.17	9.08	8.94
		-17	8.83	8.55	8.47	8.33	8.83	8.55	8.47	8.33
		-20	7.93	7.67	7.60	7.47	7.93	7.67	7.60	7.47
		-25	6.56	6.34	6.28	6.17	6.56	6.34	6.28	6.17
		-30	5.36	5.18	5.12	5.04	5.36	5.18	5.12	5.04
		-35	4.32	4.17	4.13	4.06	4.32	4.17	4.13	4.06
	-40	3.44	3.33	3.30	3.24	3.44	3.33	3.30	3.24	
	-45	2.74	2.66	2.64	2.60	2.74	2.66	2.64	2.60	

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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-EN45WB 液管断熱 有りモード	φ 19.05	10	19.7	16.9	15.8	14.6	19.7	16.9	15.8	14.6
		5	18.8	15.8	14.6	13.4	18.8	15.8	14.6	13.4
		0	17.9	14.6	13.4	12.2	17.9	14.6	13.4	12.2
		-5	17.0	13.4	12.2	10.9	17.0	13.4	12.2	10.9
		-10	14.5	12.3	11.4	10.3	14.5	12.3	11.4	10.3
		-12	13.6	11.5	10.7	9.65	13.6	11.5	10.7	9.65
		-15	12.3	10.4	9.60	8.69	12.3	10.4	9.60	8.69
		-17	11.5	9.68	8.94	8.09	11.5	9.68	8.94	8.09
		-20	10.3	8.69	8.02	7.26	10.3	8.69	8.02	7.26
		-25	8.56	7.21	6.66	6.03	8.56	7.21	6.66	6.03
		-30	7.06	5.95	5.50	4.99	7.06	5.95	5.50	4.99
		-35	5.81	4.91	4.55	4.14	5.81	4.91	4.55	4.14
	-40	4.80	4.08	3.80	3.48	4.80	4.08	3.80	3.48	
	-45	4.03	3.50	3.28	3.04	4.03	3.50	3.28	3.04	
	φ 22.22 (標準寸法)	10	19.7	18.2	17.6	16.8	19.7	18.2	17.6	16.8
		5	18.8	17.2	16.5	15.6	18.8	17.2	16.5	15.6
		0	17.9	16.1	15.4	14.5	17.9	16.1	15.4	14.5
		-5	17.0	15.0	14.2	13.3	17.0	15.0	14.2	13.3
		-10	14.5	13.4	12.9	12.2	14.5	13.4	12.9	12.2
		-12	13.6	12.5	12.0	11.4	13.6	12.5	12.0	11.4
		-15	12.3	11.3	10.9	10.3	12.3	11.3	10.9	10.3
		-17	11.5	10.5	10.1	9.59	11.5	10.5	10.1	9.59
		-20	10.3	9.46	9.10	8.61	10.3	9.5	9.10	8.61
		-25	8.56	7.86	7.55	7.15	8.56	7.86	7.55	7.15
		-30	7.06	6.49	6.23	5.90	7.06	6.49	6.23	5.90
		-35	5.81	5.34	5.14	4.87	5.81	5.34	5.14	4.87
	-40	4.80	4.42	4.26	4.05	4.80	4.42	4.26	4.05	
	-45	4.03	3.75	3.63	3.48	4.03	3.75	3.63	3.48	
	φ 25.4	10	19.7	18.8	18.5	18.0	19.7	18.8	18.5	18.0
		5	18.8	17.8	17.5	17.0	18.8	17.8	17.5	17.0
		0	17.9	16.9	16.5	15.9	17.9	16.9	16.5	15.9
		-5	17.0	15.9	15.4	14.8	17.0	15.9	15.4	14.8
		-10	14.5	13.9	13.6	13.3	14.5	13.9	13.6	13.3
		-12	13.6	13.0	12.7	12.4	13.6	13.0	12.7	12.4
		-15	12.3	11.7	11.5	11.2	12.3	11.7	11.5	11.2
		-17	11.5	10.9	10.7	10.4	11.5	10.9	10.7	10.4
-20		10.3	9.82	9.64	9.37	10.3	9.82	9.64	9.37	
-25		8.56	8.16	8.01	7.78	8.56	8.16	8.01	7.78	
-30		7.06	6.73	6.61	6.42	7.06	6.73	6.61	6.42	
-35		5.81	5.54	5.44	5.29	5.81	5.54	5.44	5.29	
-40	4.80	4.58	4.50	4.38	4.80	4.58	4.50	4.38		
-45	4.03	3.87	3.81	3.72	4.03	3.87	3.81	3.72		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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-EN45WB 液管断熱 無しモード	φ 19.05	10	19.3	16.6	15.5	14.3	19.3	16.6	15.5	14.3
		5	18.3	15.4	14.3	13.1	18.3	15.4	14.3	13.1
		0	17.3	14.2	13.1	11.8	17.3	14.2	13.1	11.8
		-5	16.2	12.9	11.8	10.6	16.2	12.9	11.8	10.6
		-10	13.6	11.6	10.8	9.79	13.6	11.6	10.8	9.79
		-12	12.7	10.8	10.0	9.10	12.7	10.8	10.0	9.10
		-15	11.3	9.62	8.93	8.13	11.3	9.62	8.93	8.13
		-17	10.4	8.90	8.27	7.54	10.4	8.90	8.27	7.54
		-20	9.24	7.90	7.34	6.70	9.24	7.90	7.34	6.70
		-25	7.47	6.42	5.99	5.48	7.47	6.42	5.99	5.48
		-30	6.00	5.19	4.86	4.47	6.00	5.19	4.86	4.47
		-35	4.80	4.20	3.96	3.67	4.80	4.20	3.96	3.67
	-40	3.89	3.46	3.29	3.09	3.89	3.46	3.29	3.09	
	-45	3.27	2.98	2.86	2.72	3.27	2.98	2.86	2.72	
	φ 22.22 (標準寸法)	10	19.3	17.9	17.3	16.5	19.3	17.9	17.3	16.5
		5	18.3	16.7	16.1	15.3	18.3	16.7	16.1	15.3
		0	17.3	15.6	14.9	14.0	17.3	15.6	14.9	14.0
		-5	16.2	14.4	13.7	12.8	16.2	14.4	13.7	12.8
		-10	13.6	12.6	12.1	11.5	13.6	12.6	12.1	11.5
		-12	12.7	11.7	11.3	10.7	12.7	11.7	11.3	10.7
		-15	11.3	10.4	10.0	9.54	11.3	10.4	10.0	9.54
		-17	10.4	9.64	9.29	8.83	10.4	9.64	9.29	8.83
		-20	9.24	8.54	8.24	7.84	9.24	8.54	8.24	7.84
		-25	7.47	6.93	6.69	6.38	7.47	6.93	6.69	6.38
		-30	6.00	5.58	5.40	5.16	6.00	5.58	5.40	5.16
		-35	4.80	4.49	4.36	4.18	4.80	4.49	4.36	4.18
	-40	3.89	3.67	3.58	3.45	3.89	3.67	3.58	3.45	
	-45	3.27	3.11	3.06	2.98	3.27	3.11	3.06	2.98	
	φ 25.4	10	19.3	18.5	18.2	17.7	19.3	18.5	18.2	17.7
		5	18.3	17.4	17.1	16.6	18.3	17.4	17.1	16.6
0		17.3	16.3	15.9	15.4	17.3	16.3	15.9	15.4	
-5		16.2	15.2	14.8	14.2	16.2	15.2	14.8	14.2	
-10		13.6	13.0	12.8	12.5	13.6	13.0	12.8	12.5	
-12		12.7	12.1	11.9	11.6	12.7	12.1	11.9	11.6	
-15		11.3	10.8	10.6	10.3	11.3	10.8	10.6	10.3	
-17		10.4	9.98	9.81	9.55	10.4	10.0	9.81	9.55	
-20		9.24	8.84	8.69	8.47	9.24	8.84	8.69	8.47	
-25		7.47	7.16	7.05	6.87	7.47	7.16	7.05	6.87	
-30		6.00	5.75	5.67	5.54	6.00	5.75	5.67	5.54	
-35		4.80	4.62	4.56	4.47	4.80	4.62	4.56	4.47	
-40	3.89	3.76	3.72	3.65	3.89	3.76	3.72	3.65		
-45	3.27	3.17	3.15	3.11	3.27	3.17	3.15	3.11		

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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-EN55WB 液管断熱 有りモード	φ 19.05	10	22.4	18.7	17.4	-	22.4	18.7	17.4	-
		5	21.7	17.6	16.2	-	21.7	17.6	16.2	-
		0	21.0	16.5	14.9	-	21.0	16.5	14.9	-
		-5	20.3	15.2	13.6	-	20.3	15.2	13.6	-
		-10	17.4	14.2	12.9	-	17.4	14.2	12.9	-
		-12	16.4	13.3	12.1	-	16.4	13.3	12.1	-
		-15	15.0	12.1	10.9	-	15.0	12.1	10.9	-
		-17	14.1	11.3	10.2	-	14.1	11.3	10.2	-
		-20	12.8	10.2	9.22	-	12.8	10.2	9.22	-
		-25	10.8	8.59	7.74	-	10.8	8.59	7.74	-
		-30	9.11	7.20	6.48	-	9.11	7.20	6.48	-
		-35	7.66	6.04	5.44	-	7.66	6.04	5.44	-
	-40	6.47	5.13	4.64	-	6.47	5.13	4.64	-	
	-45	5.53	4.45	4.06	-	5.53	4.45	4.06	-	
	φ 22.22 (標準寸法)	10	22.4	20.4	19.6	18.6	22.4	20.4	19.6	18.6
		5	21.7	19.5	18.6	17.4	21.7	19.5	18.6	17.4
		0	21.0	18.5	17.5	16.2	21.0	18.5	17.5	16.2
		-5	20.3	17.4	16.3	15.0	20.3	17.4	16.3	15.0
		-10	17.4	15.7	15.0	14.0	17.4	15.7	15.0	14.0
		-12	16.4	14.8	14.1	13.1	16.4	14.8	14.1	13.1
		-15	15.0	13.4	12.8	11.9	15.0	13.4	12.8	11.9
		-17	14.1	12.6	12.0	11.1	14.1	12.6	12.0	11.1
		-20	12.8	11.4	10.8	10.1	12.8	11.4	10.8	10.1
		-25	10.8	9.63	9.11	8.46	10.8	9.63	9.11	8.46
		-30	9.11	8.09	7.65	7.09	9.11	8.09	7.65	7.09
		-35	7.66	6.79	6.42	5.94	7.66	6.79	6.42	5.94
	-40	6.47	5.75	5.44	5.05	6.47	5.75	5.44	5.05	
	-45	5.53	4.95	4.70	4.39	5.53	4.95	4.70	4.39	
	φ 25.4	10	22.4	21.3	20.8	20.2	22.4	21.3	20.8	20.2
		5	21.7	20.4	19.9	19.2	21.7	20.4	19.9	19.2
		0	21.0	19.6	19.0	18.2	21.0	19.6	19.0	18.2
		-5	20.3	18.6	17.9	17.0	20.3	18.6	17.9	17.0
		-10	17.4	16.5	16.1	15.5	17.4	16.5	16.1	15.5
		-12	16.4	15.5	15.1	14.6	16.4	15.5	15.1	14.6
		-15	15.0	14.1	13.8	13.2	15.0	14.1	13.8	13.2
		-17	14.1	13.2	12.9	12.4	14.1	13.2	12.9	12.4
-20		12.8	12.0	11.7	11.2	12.8	12.0	11.7	11.2	
-25		10.8	10.1	9.87	9.47	10.8	10.1	9.87	9.47	
-30		9.11	8.54	8.29	7.95	9.11	8.54	8.29	7.95	
-35		7.66	7.17	6.96	6.67	7.66	7.17	6.96	6.67	
-40	6.47	6.06	5.89	5.65	6.47	6.06	5.89	5.65		
-45	5.53	5.20	5.06	4.87	5.53	5.20	5.06	4.87		

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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
ECOV-EN55WB 液管断熱 無しモード	φ 19.05	10	22.0	18.3	17.0	15.5	22.0	18.3	17.0	15.5
		5	21.0	17.1	15.7	14.2	21.0	17.1	15.7	14.2
		0	20.1	15.9	14.4	12.9	20.1	15.9	14.4	12.9
		-5	19.2	14.6	13.1	11.6	19.2	14.6	13.1	11.6
		-10	16.3	13.4	12.2	10.9	16.3	13.4	12.2	10.9
		-12	15.3	12.5	11.4	10.2	15.3	12.5	11.4	10.2
		-15	13.8	11.3	10.3	9.17	13.8	11.3	10.3	9.17
		-17	12.9	10.5	9.56	8.54	12.9	10.5	9.56	8.54
		-20	11.6	9.41	8.58	7.66	11.6	9.41	8.58	7.66
		-25	9.60	7.82	7.13	6.37	9.60	7.82	7.13	6.37
		-30	7.92	6.46	5.90	5.29	7.92	6.46	5.90	5.29
		-35	6.53	5.35	4.90	4.41	6.53	5.35	4.90	4.41
	-40	5.41	4.51	4.16	3.78	5.41	4.51	4.16	3.78	
	-45	4.58	3.91	3.65	3.35	4.58	3.91	3.65	3.35	
	φ 22.22 (標準寸法)	10	22.0	20.0	19.2	18.2	22.0	20.0	19.2	18.2
		5	21.0	18.9	18.0	16.9	21.0	18.9	18.0	16.9
		0	20.1	17.8	16.8	15.7	20.1	17.8	16.8	15.7
		-5	19.2	16.6	15.5	14.3	19.2	16.6	15.5	14.3
		-10	16.3	14.8	14.1	13.2	16.3	14.8	14.1	13.2
		-12	15.3	13.8	13.2	12.3	15.3	13.8	13.2	12.3
		-15	13.8	12.5	11.9	11.1	13.8	12.5	11.9	11.1
		-17	12.9	11.6	11.1	10.4	12.9	11.6	11.1	10.4
		-20	11.6	10.4	9.93	9.30	11.6	10.4	9.93	9.30
		-25	9.60	8.66	8.25	7.72	9.60	8.66	8.25	7.72
		-30	7.92	7.15	6.82	6.39	7.92	7.15	6.82	6.39
		-35	6.53	5.91	5.64	5.29	6.53	5.91	5.64	5.29
	-40	5.41	4.93	4.73	4.47	5.41	4.93	4.73	4.47	
	-45	4.58	4.23	4.08	3.88	4.58	4.23	4.08	3.88	
	φ 25.4	10	22.0	20.8	20.4	19.8	22.0	20.8	20.4	19.8
		5	21.0	19.8	19.3	18.6	21.0	19.8	19.3	18.6
		0	20.1	18.7	18.2	17.4	20.1	18.7	18.2	17.4
		-5	19.2	17.7	17.0	16.2	19.2	17.7	17.0	16.2
		-10	16.3	15.4	15.1	14.6	16.3	15.4	15.1	14.6
		-12	15.3	14.4	14.1	13.6	15.3	14.4	14.1	13.6
		-15	13.8	13.0	12.7	12.3	13.8	13.0	12.7	12.3
		-17	12.9	12.2	11.9	11.5	12.9	12.2	11.9	11.5
		-20	11.6	10.9	10.7	10.3	11.6	10.9	10.7	10.3
		-25	9.60	9.06	8.85	8.54	9.60	9.06	8.85	8.54
		-30	7.92	7.48	7.31	7.05	7.92	7.48	7.31	7.05
		-35	6.53	6.17	6.03	5.83	6.53	6.17	6.03	5.83
	-40	5.41	5.14	5.03	4.88	5.41	5.14	5.03	4.88	
	-45	4.58	4.37	4.30	4.19	4.58	4.37	4.30	4.19	
	φ 28.58	10	22.0	21.2	21.0	20.7	22.0	21.2	21.0	20.7
		5	21.0	20.3	20.0	19.6	21.0	20.3	20.0	19.6
		0	20.1	19.3	19.0	18.5	20.1	19.3	19.0	18.5
		-5	19.2	18.2	17.9	17.4	19.2	18.2	17.9	17.4
		-10	16.3	15.7	15.6	15.3	16.3	15.7	15.6	15.3
		-12	15.3	14.7	14.6	14.3	15.3	14.7	14.6	14.3
		-15	13.8	13.3	13.2	12.9	13.8	13.3	13.2	12.9
		-17	12.9	12.4	12.3	12.1	12.9	12.4	12.3	12.1
		-20	11.6	11.1	11.0	10.8	11.6	11.1	11.0	10.8
		-25	9.60	9.26	9.16	8.99	9.60	9.26	9.16	8.99
		-30	7.92	7.65	7.56	7.42	7.92	7.65	7.56	7.42
		-35	6.53	6.30	6.23	6.12	6.53	6.30	6.23	6.12
	-40	5.41	5.24	5.19	5.11	5.41	5.24	5.19	5.11	
	-45	4.58	4.45	4.41	4.36	4.58	4.45	4.41	4.36	
	φ 31.75	10	22.0	21.4	21.3	-	22.0	21.4	21.3	-
		5	21.0	20.5	20.4	-	21.0	20.5	20.4	-
		0	20.1	19.5	19.4	-	20.1	19.5	19.4	-
		-5	19.2	18.5	18.3	-	19.2	18.5	18.3	-
		-10	16.3	15.9	15.8	-	16.3	15.9	15.8	-
		-12	15.3	14.9	14.8	-	15.3	14.9	14.8	-
		-15	13.8	13.4	13.4	-	13.8	13.4	13.4	-
		-17	12.9	12.5	12.5	-	12.9	12.5	12.5	-
		-20	11.6	11.3	11.2	-	11.6	11.3	11.2	-
		-25	9.60	9.36	9.31	-	9.60	9.36	9.31	-
		-30	7.92	7.72	7.69	-	7.92	7.72	7.69	-
		-35	6.53	6.37	6.34	-	6.53	6.37	6.34	-
	-40	5.41	5.29	5.26	-	5.41	5.29	5.26	-	
	-45	4.58	4.48	4.47	-	4.58	4.48	4.47	-	

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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-EN67WB 液管断熱 有りモード	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 (標準寸法)	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		

注1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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-EN67WB 液管断熱 無しモード	φ 19.05	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	-		
φ 22.22 (標準寸法)	φ 22.22 (標準寸法)	10	23.8	21.5	20.5	19.3	23.8	21.5	20.5	19.3
		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		
φ 25.4	φ 25.4	10	23.8	22.5	22.0	21.2	23.8	22.5	22.0	21.2
		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		
φ 28.58	φ 28.58	10	23.8	23.0	22.7	22.3	23.8	23.0	22.7	22.3
		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		
φ 31.75	φ 31.75	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	-		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。







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	100m	0m	30m	50m	80m	100m																																																																																																																																																																																													
ECOV-EN270C1	φ 44.45	-5	91.45	84.68	82.07	78.46	76.45	91.45	84.68	82.07	78.46	76.45	-10	76.00	71.18	68.99	65.96	64.28	76.00	71.18	68.99	65.96	64.28	-15	63.27	59.30	57.50	55.01	53.63	63.27	59.30	57.50	55.01	53.63	-20	52.34	49.03	47.58	45.58	44.47	52.34	49.03	47.58	45.58	44.47	-25	43.18	40.36	39.22	37.64	36.77	43.18	40.36	39.22	37.64	36.77	-30	35.76	33.29	32.42	31.20	30.52	35.76	33.29	32.42	31.20	30.52	-35	29.89	27.82	27.17	26.26	25.77	29.89	27.82	27.17	26.26	25.77	-40	25.44	23.98	23.54	22.95	22.66	25.44	23.98	23.54	22.95	22.66	-45	22.14	21.73	21.44	21.05	20.88	22.14	21.73	21.44	21.05	20.88	-5	91.45	87.12	85.81	83.80	82.68	91.45	87.12	85.81	83.80	82.68	-10	76.00	73.22	72.13	70.44	69.50	76.00	73.22	72.13	70.44	69.50	-15	63.27	60.98	60.08	58.70	57.93	63.27	60.98	60.08	58.70	57.93	-20	52.34	50.39	49.67	48.56	47.94	52.34	50.39	49.67	48.56	47.94	-25	43.18	41.44	40.88	40.00	39.52	43.18	41.44	40.88	40.00	39.52	-30	35.76	34.12	33.70	33.03	32.67	35.76	34.12	33.70	33.03	32.67	-35	29.89	28.45	28.14	27.65	27.38	29.89	28.45	28.14	27.65	27.38	-40	25.44	24.43	24.23	23.90	23.73	25.44	24.43	24.23	23.90	23.73	-45	22.14	22.05	21.93	21.71	21.62	22.14	22.05	21.93	21.71	21.62		
		φ 50.8 (標準寸法)	-5	91.45	87.12	85.81	83.80	82.68	91.45	87.12	85.81	83.80	82.68	-10	76.00	73.22	72.13	70.44	69.50	76.00	73.22	72.13	70.44	69.50	-15	63.27	60.98	60.08	58.70	57.93	63.27	60.98	60.08	58.70	57.93	-20	52.34	50.39	49.67	48.56	47.94	52.34	50.39	49.67	48.56	47.94	-25	43.18	41.44	40.88	40.00	39.52	43.18	41.44	40.88	40.00	39.52	-30	35.76	34.12	33.70	33.03	32.67	35.76	34.12	33.70	33.03	32.67	-35	29.89	28.45	28.14	27.65	27.38	29.89	28.45	28.14	27.65	27.38	-40	25.44	24.43	24.23	23.90	23.73	25.44	24.43	24.23	23.90	23.73	-45	22.14	22.05	21.93	21.71	21.62	22.14	22.05	21.93	21.71	21.62	-5	91.45	87.12	85.81	83.80	82.68	91.45	87.12	85.81	83.80	82.68	-10	76.00	73.22	72.13	70.44	69.50	76.00	73.22	72.13	70.44	69.50	-15	63.27	60.98	60.08	58.70	57.93	63.27	60.98	60.08	58.70	57.93	-20	52.34	50.39	49.67	48.56	47.94	52.34	50.39	49.67	48.56	47.94	-25	43.18	41.44	40.88	40.00	39.52	43.18	41.44	40.88	40.00	39.52	-30	35.76	34.12	33.70	33.03	32.67	35.76	34.12	33.70	33.03	32.67	-35	29.89	28.45	28.14	27.65	27.38	29.89	28.45	28.14	27.65	27.38	-40	25.44	24.43	24.23	23.90	23.73	25.44	24.43	24.23	23.90	23.73	-45	22.14	22.05	21.93	21.71	21.62	22.14	22.05	21.93	21.71	21.62	
			φ 53.98	-5	91.45	87.81	86.92	85.45	84.65	91.45	87.81	86.92	85.45	84.65	-10	76.00	73.81	73.06	71.82	71.15	76.00	73.81	73.06	71.82	71.15	-15	63.27	61.47	60.85	59.84	59.29	63.27	61.47	60.85	59.84	59.29	-20	52.34	50.78	50.29	49.48	49.04	52.34	50.78	50.29	49.48	49.04	-25	43.18	41.74	41.36	40.73	40.39	43.18	41.74	41.36	40.73	40.39	-30	35.76	34.36	34.08	33.59	33.34	35.76	34.36	34.08	33.59	33.34	-35	29.89	28.63	28.43	28.07	27.89	29.89	28.63	28.43	28.07	27.89	-40	25.44	24.56	24.43	24.20	24.09	25.44	24.56	24.43	24.20	24.09	-45	22.14	22.14	22.07	21.93	21.87	22.14	22.14	22.07	21.93	21.87	-5	97.48	90.66	87.46	83.14	80.75	97.48	90.66	87.46	83.14	80.75	-10	82.81	76.38	73.68	70.03	68.02	82.81	76.38	73.68	70.03	68.02	-15	69.25	63.78	61.54	58.52	56.85	69.25	63.78	61.54	58.52	56.85	-20	57.37	52.85	51.03	48.57	47.22	57.37	52.85	51.03	48.57	47.22	-25	46.91	43.57	42.12	40.17	39.09	46.91	43.57	42.12	40.17	39.09	-30	38.26	35.94	34.82	33.29	32.45	38.26	35.94	34.82	33.29	32.45	-35	31.55	29.96	29.11	27.96	27.33	31.55	29.96	29.11	27.96	27.33	-40	26.88	25.66	25.07	24.28	23.89	26.88	25.66	25.07	24.28	23.89	-45	24.77	23.02	22.61	22.07	21.83	24.77	23.02	22.61	22.07	21.83

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

















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	100m	0m	30m	50m	80m	100m
ECOV-EN225DCA1	φ 44.45	-5	80.66	76.12	74.42	71.94	70.54	80.66	76.12	74.42	71.94	70.54
		-10	68.16	64.49	63.01	60.87	59.65	68.16	64.49	63.01	60.87	59.65
		-15	56.86	54.04	52.78	50.96	49.93	56.86	54.04	52.78	50.96	49.93
		-20	47.28	44.77	43.71	42.19	41.34	47.28	44.77	43.71	42.19	41.34
		-25	38.85	36.66	35.80	34.56	33.87	38.85	36.66	35.80	34.56	33.87
		-30	31.64	29.70	29.02	28.04	27.49	31.64	29.70	29.02	28.04	27.49
		-35	25.43	23.88	23.36	22.61	22.19	25.43	23.88	23.36	22.61	22.19
		-40	20.35	19.21	18.82	18.26	17.95	20.35	19.21	18.82	18.26	17.95
		-45	16.11	15.68	15.40	15.00	14.78	16.11	15.68	15.40	15.00	14.78
	φ 50.8 (標準寸法)	-5	80.66	77.73	76.96	75.69	75.00	80.66	77.73	76.96	75.69	75.00
		-10	68.16	65.90	65.22	64.11	63.50	68.16	65.90	65.22	64.11	63.50
		-15	56.86	55.24	54.66	53.71	53.19	56.86	55.24	54.66	53.71	53.19
		-20	47.28	45.77	45.28	44.49	44.05	47.28	45.77	45.28	44.49	44.05
		-25	38.85	37.47	37.08	36.43	36.08	38.85	37.47	37.08	36.43	36.08
		-30	31.64	30.34	30.03	29.52	29.25	31.64	30.34	30.03	29.52	29.25
		-35	25.43	24.38	24.15	23.76	23.55	25.43	24.38	24.15	23.76	23.55
		-40	20.35	19.58	19.41	19.13	18.97	20.35	19.58	19.41	19.13	18.97
		-45	16.11	15.95	15.83	15.63	15.53	16.11	15.95	15.83	15.63	15.53
	φ 53.98	-5	80.66	78.19	77.70	76.81	76.35	80.66	78.19	77.70	76.81	76.35
		-10	68.16	66.29	65.86	65.08	64.68	68.16	66.29	65.86	65.08	64.68
		-15	56.86	55.58	55.21	54.54	54.19	56.86	55.58	55.21	54.54	54.19
		-20	47.28	46.05	45.74	45.18	44.89	47.28	46.05	45.74	45.18	44.89
		-25	38.85	37.70	37.45	36.99	36.75	38.85	37.70	37.45	36.99	36.75
		-30	31.64	30.53	30.33	29.97	29.78	31.64	30.53	30.33	29.97	29.78
-35		25.43	24.52	24.37	24.10	23.96	25.43	24.52	24.37	24.10	23.96	
-40		20.35	19.69	19.58	19.39	19.29	20.35	19.69	19.58	19.39	19.29	
-45		16.11	16.03	15.96	15.82	15.76	16.11	16.03	15.96	15.82	15.76	
ECOV-EN300DCA1	φ 44.45	-5	97.08	90.04	87.17	83.21	80.99	97.08	90.04	87.17	83.21	80.99
		-10	82.27	76.55	74.04	70.58	68.65	82.27	76.55	74.04	70.58	68.65
		-15	69.12	64.41	62.24	59.28	57.63	69.12	64.41	62.24	59.28	57.63
		-20	57.75	53.61	51.78	49.28	47.90	57.75	53.61	51.78	49.28	47.90
		-25	47.69	44.13	42.62	40.57	39.43	47.69	44.13	42.62	40.57	39.43
		-30	39.10	35.97	34.75	33.10	32.18	39.10	35.97	34.75	33.10	32.18
		-35	31.60	29.11	28.15	26.85	26.13	31.60	29.11	28.15	26.85	26.13
		-40	25.44	23.53	22.80	21.80	21.25	25.44	23.53	22.80	21.80	21.25
		-45	20.21	19.25	18.71	17.97	17.57	20.21	19.25	18.71	17.97	17.57
	φ 50.8 (標準寸法)	-5	97.08	92.69	91.26	89.06	87.82	97.08	92.69	91.26	89.06	87.82
		-10	82.27	78.87	77.61	75.67	74.58	82.27	78.87	77.61	75.67	74.58
		-15	69.12	66.41	65.31	63.64	62.70	69.12	66.41	65.31	63.64	62.70
		-20	57.75	55.30	54.37	52.95	52.15	57.75	55.30	54.37	52.95	52.15
		-25	47.69	45.53	44.76	43.59	42.93	47.69	45.53	44.76	43.59	42.93
		-30	39.10	37.10	36.48	35.53	35.00	39.10	37.10	36.48	35.53	35.00
		-35	31.60	30.00	29.51	28.77	28.36	31.60	30.00	29.51	28.77	28.36
		-40	25.44	24.22	23.85	23.28	22.97	25.44	24.22	23.85	23.28	22.97
		-45	20.21	19.76	19.49	19.08	18.85	20.21	19.76	19.49	19.08	18.85
	φ 53.98	-5	97.08	93.44	92.46	90.85	89.97	97.08	93.44	92.46	90.85	89.97
		-10	82.27	79.54	78.66	77.24	76.46	82.27	79.54	78.66	77.24	76.46
		-15	69.12	66.98	66.22	64.99	64.31	69.12	66.98	66.22	64.99	64.31
		-20	57.75	55.79	55.14	54.09	53.51	57.75	55.79	55.14	54.09	53.51
		-25	47.69	45.94	45.40	44.53	44.05	47.69	45.94	45.40	44.53	44.05
		-30	39.10	37.43	36.99	36.29	35.91	39.10	37.43	36.99	36.29	35.91
-35		31.60	30.26	29.92	29.37	29.07	31.60	30.26	29.92	29.37	29.07	
-40		25.44	24.42	24.16	23.75	23.52	25.44	24.42	24.16	23.75	23.52	
-45		20.21	19.91	19.73	19.42	19.26	20.21	19.91	19.73	19.42	19.26	

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

### (3) リモート空冷式 インバータ

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	100m	0m	30m	50m	80m	100m	
ECV-EN75A1 + RM-N110A	φ 25.4	-5	30.18	26.67	25.17	23.31	22.33	30.18	26.67	25.17	23.31	22.33	
		-10	25.29	22.37	21.11	19.57	18.76	25.29	22.37	21.11	19.57	18.76	
		-12	23.49	20.79	19.63	18.21	17.46	23.49	20.79	19.63	18.21	17.46	
		-15	20.98	18.59	17.57	16.31	15.64	20.98	18.59	17.57	16.31	15.64	
		-17	19.42	17.23	16.29	15.14	14.53	19.42	17.23	16.29	15.14	14.53	
		-20	17.25	15.34	14.52	13.51	12.98	17.25	15.34	14.52	13.51	12.98	
		-25	14.11	12.61	11.97	11.18	10.76	14.11	12.61	11.97	11.18	10.76	
		-30	11.55	10.40	9.91	9.30	8.98	11.55	10.40	9.91	9.30	8.98	
		-35	9.57	8.71	8.35	7.91	7.69	9.57	8.71	8.35	7.91	7.69	
		-40	8.18	7.57	7.35	7.16	6.82	8.18	7.57	7.35	7.16	6.82	
		-45	7.38	6.93	6.79	6.70	6.42	7.38	6.93	6.79	6.70	6.42	
		φ 28.58 (標準寸法)	-5	30.18	28.04	27.13	25.88	25.18	30.18	28.04	27.13	25.88	25.18
	-10		25.29	23.51	22.74	21.71	21.13	25.29	23.51	22.74	21.71	21.13	
	-12		23.49	21.85	21.14	20.18	19.65	23.49	21.85	21.14	20.18	19.65	
	-15		20.98	19.52	18.90	18.05	17.58	20.98	19.52	18.90	18.05	17.58	
	-17		19.42	18.08	17.51	16.74	16.31	19.42	18.08	17.51	16.74	16.31	
	-20		17.25	16.08	15.59	14.92	14.54	17.25	16.08	15.59	14.92	14.54	
	-25		14.11	13.19	12.81	12.28	11.99	14.11	13.19	12.81	12.28	11.99	
	-30		11.55	10.84	10.55	10.15	9.93	11.55	10.84	10.55	10.15	9.93	
	-35		9.57	9.04	8.83	8.54	8.38	9.57	9.04	8.83	8.54	8.38	
	-40		8.18	7.79	7.66	7.47	7.39	8.18	7.79	7.66	7.47	7.39	
	-45		7.38	7.09	7.00	6.88	6.83	7.38	7.09	7.00	6.88	6.83	
	φ 31.75		-5	30.18	28.75	28.21	27.40	26.94	30.18	28.75	28.21	27.40	26.94
		-10	25.29	24.10	23.64	22.97	22.59	25.29	24.10	23.64	22.97	22.59	
		-12	23.49	22.39	21.97	21.35	21.00	23.49	22.39	21.97	21.35	21.00	
		-15	20.98	20.00	19.63	19.09	18.78	20.98	20.00	19.63	19.09	18.78	
		-17	19.42	18.52	18.19	17.68	17.40	19.42	18.52	18.19	17.68	17.40	
		-20	17.25	16.47	16.18	15.74	15.50	17.25	16.47	16.18	15.74	15.50	
		-25	14.11	13.49	13.27	12.93	12.74	14.11	13.49	13.27	12.93	12.74	
		-30	11.55	11.07	10.90	10.65	10.51	11.55	11.07	10.90	10.65	10.51	
		-35	9.57	9.21	9.09	8.91	8.81	9.57	9.21	9.09	8.91	8.81	
		-40	8.18	7.91	7.84	7.72	7.66	8.18	7.91	7.84	7.72	7.66	
		-45	7.38	7.17	7.12	7.05	7.02	7.38	7.17	7.12	7.05	7.02	
		ECV-EN98A1 + RM-N110A	φ 28.58	-5	32.77	30.16	29.03	27.51	26.68	32.77	30.16	29.03	27.51
	-10			27.53	25.35	24.40	23.14	22.44	27.53	25.35	24.40	23.14	22.44
	-12			25.61	23.59	22.71	21.54	20.90	25.61	23.59	22.71	21.54	20.90
-15	22.92			21.12	20.34	19.31	18.74	22.92	21.12	20.34	19.31	18.74	
-17	21.25			19.59	18.88	17.93	17.40	21.25	19.59	18.88	17.93	17.40	
-20	18.93			17.47	16.85	16.02	15.56	18.93	17.47	16.85	16.02	15.56	
-25	15.56			14.41	13.92	13.26	12.90	15.56	14.41	13.92	13.26	12.90	
-30	12.81			11.91	11.54	11.03	10.75	12.81	11.91	11.54	11.03	10.75	
-35	10.69			10.00	9.72	9.35	9.15	10.69	10.00	9.72	9.35	9.15	
-40	9.18			8.68	8.50	8.27	8.17	9.18	8.68	8.50	8.27	8.17	
-45	8.30			7.93	7.81	7.66	7.62	8.30	7.93	7.81	7.66	7.62	
φ 31.75 (標準寸法)	-5			32.77	31.03	30.34	29.34	28.77	32.77	31.03	30.34	29.34	28.77
	-10		27.53	26.08	25.50	24.66	24.19	27.53	26.08	25.50	24.66	24.19	
	-12		25.61	24.26	23.73	22.95	22.51	25.61	24.26	23.73	22.95	22.51	
	-15		22.92	21.72	21.25	20.56	20.17	22.92	21.72	21.25	20.56	20.17	
	-17		21.25	20.14	19.71	19.08	18.72	21.25	20.14	19.71	19.08	18.72	
	-20		18.93	17.96	17.58	17.03	16.72	18.93	17.96	17.58	17.03	16.72	
	-25		15.56	14.79	14.49	14.06	13.82	15.56	14.79	14.49	14.06	13.82	
	-30		12.81	12.21	11.98	11.65	11.47	12.81	12.21	11.98	11.65	11.47	
	-35		10.69	10.22	10.06	9.81	9.68	10.69	10.22	10.06	9.81	9.68	
	-40		9.18	8.84	8.73	8.57	8.49	9.18	8.84	8.73	8.57	8.49	
	-45		8.30	8.04	7.97	7.87	7.82	8.30	8.04	7.97	7.87	7.82	
	φ 34.92		-5	32.77	31.54	31.14	30.50	30.14	32.77	31.54	31.14	30.50	30.14
-10			27.53	26.51	26.17	25.63	25.34	27.53	26.51	26.17	25.63	25.34	
-12			25.61	24.66	24.35	23.85	23.58	25.61	24.66	24.35	23.85	23.58	
-15			22.92	22.07	21.79	21.36	21.12	22.92	22.07	21.79	21.36	21.12	
-17			21.25	20.47	20.21	19.81	19.59	21.25	20.47	20.21	19.81	19.59	
-20			18.93	18.24	18.02	17.67	17.48	18.93	18.24	18.02	17.67	17.48	
-25			15.56	15.01	14.84	14.57	14.42	15.56	15.01	14.84	14.57	14.42	
-30			12.81	12.38	12.25	12.05	11.93	12.81	12.38	12.25	12.05	11.93	
-35			10.69	10.35	10.26	10.11	10.03	10.69	10.35	10.26	10.11	10.03	
-40			9.18	8.93	8.87	8.77	8.72	9.18	8.93	8.87	8.77	8.72	
-45			8.30	8.10	8.07	8.01	7.98	8.30	8.10	8.07	8.01	7.98	

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	100m	0m	30m	50m	80m	100m																																																																																																																				
ECV-EN110A1 + RM-N110A	φ 31.75	-5	35.29	33.19	32.31	31.08	30.39	35.29	33.19	32.31	31.08	30.39	-10	29.60	27.84	27.11	26.09	25.51	29.60	27.84	27.11	26.09	25.51	-12	27.51	25.88	25.21	24.26	23.73	27.51	25.88	25.21	24.26	23.73	-15	24.58	23.14	22.55	21.71	21.24	24.58	23.14	22.55	21.71	21.24	-17	22.77	21.44	20.90	20.13	19.70	22.77	21.44	20.90	20.13	19.70	-20	20.25	19.09	18.62	17.95	17.57	20.25	19.09	18.62	17.95	17.57	-25	16.58	15.67	15.30	14.78	14.49	16.58	15.67	15.30	14.78	14.49	-30	13.60	12.89	12.61	12.21	11.99	13.60	12.89	12.61	12.21	11.99	-35	11.29	10.75	10.55	10.26	10.10	11.29	10.75	10.55	10.26	10.10	-40	9.66	9.26	9.13	8.94	8.85	9.66	9.26	9.13	8.94	8.85	-45	8.71	8.41	8.32	8.20	8.14	8.71	8.41	8.32	8.20	8.14						
		φ 34.92 (標準寸法)	-5	35.29	33.82	33.29	32.48	32.03	35.29	33.82	33.29	32.48	32.03	-10	29.60	28.37	27.93	27.26	26.88	29.60	28.37	27.93	27.26	26.88	-12	27.51	26.37	25.97	25.35	25.00	27.51	26.37	25.97	25.35	25.00	-15	24.58	23.57	23.22	22.67	22.36	24.58	23.57	23.22	22.67	22.36	-17	22.77	21.84	21.51	21.01	20.73	22.77	21.84	21.51	21.01	20.73	-20	20.25	19.43	19.15	18.71	18.47	20.25	19.43	19.15	18.71	18.47	-25	16.58	15.94	15.72	15.38	15.20	16.58	15.94	15.72	15.38	15.20	-30	13.60	13.10	12.94	12.68	12.54	13.60	13.10	12.94	12.68	12.54	-35	11.29	10.91	10.79	10.60	10.50	11.29	10.91	10.79	10.60	10.50	-40	9.66	9.37	9.30	9.17	9.12	9.66	9.37	9.30	9.17	9.12	-45	8.71	8.48	8.44	8.36	8.33	8.71	8.48	8.44	8.36	8.33					
			φ 38.1	-5	35.29	34.19	33.88	33.37	33.09	35.29	34.19	33.88	33.37	33.09	-10	29.60	28.68	28.42	27.99	27.76	29.60	28.68	28.42	27.99	27.76	-12	27.51	26.66	26.42	26.03	25.81	27.51	26.66	26.42	26.03	25.81	-15	24.58	23.83	23.62	23.27	23.08	24.58	23.83	23.62	23.27	23.08	-17	22.77	22.07	21.88	21.56	21.39	22.77	22.07	21.88	21.56	21.39	-20	20.25	19.64	19.47	19.20	19.05	20.25	19.64	19.47	19.20	19.05	-25	16.58	16.10	15.98	15.76	15.65	16.58	16.10	15.98	15.76	15.65	-30	13.60	13.22	13.13	12.97	12.89	13.60	13.22	13.13	12.97	12.89	-35	11.29	11.00	10.93	10.82	10.76	11.29	11.00	10.93	10.82	10.76	-40	9.66	9.43	9.40	9.33	9.29	9.66	9.43	9.40	9.33	9.29	-45	8.71	8.53	8.51	8.47	8.45	8.71	8.53	8.51	8.47	8.45				
				ECV-EN150A1 + RM-N110A × 2	φ 34.92	-5	59.52	53.97	51.54	48.41	46.72	59.52	53.97	51.54	48.41	46.72	-10	49.89	45.26	43.24	40.64	39.24	49.89	45.26	43.24	40.64	39.24	-12	46.36	42.08	40.22	37.81	36.51	46.36	42.08	40.22	37.81	36.51	-15	41.41	37.63	35.99	33.86	32.72	41.41	37.63	35.99	33.86	32.72	-17	38.35	34.88	33.37	31.43	30.37	38.35	34.88	33.37	31.43	30.37	-20	34.10	31.07	29.76	28.06	27.14	34.10	31.07	29.76	28.06	27.14	-25	27.94	25.56	24.54	23.20	22.48	27.94	25.56	24.54	23.20	22.48	-30	22.94	21.10	20.33	19.31	18.76	22.94	21.10	20.33	19.31	18.76	-35	19.10	17.71	17.14	16.40	16.02	19.10	17.71	17.14	16.40	16.02	-40	16.42	15.43	15.07	14.68	14.58	16.42	15.43	15.07	14.68	14.58	-45	14.90	14.16	13.94	13.71	13.73	14.90	14.16	13.94	13.71	13.73		
						φ 38.1 (標準寸法)	-5	59.52	55.53	53.83	51.49	50.19	59.52	55.53	53.83	51.49	50.19	-10	49.89	46.56	45.15	43.20	42.12	49.89	46.56	45.15	43.20	42.12	-12	46.36	43.28	41.98	40.18	39.18	46.36	43.28	41.98	40.18	39.18	-15	41.41	38.69	37.55	35.96	35.08	41.41	38.69	37.55	35.96	35.08	-17	38.35	35.85	34.80	33.35	32.54	38.35	35.85	34.80	33.35	32.54	-20	34.10	31.92	31.00	29.74	29.03	34.10	31.92	31.00	29.74	29.03	-25	27.94	26.22	25.51	24.53	23.98	27.94	26.22	25.51	24.53	23.98	-30	22.94	21.61	21.08	20.32	19.91	22.94	21.61	21.08	20.32	19.91	-35	19.10	18.09	17.70	17.15	16.86	19.10	18.09	17.70	17.15	16.86	-40	16.42	15.68	15.44	15.10	14.94	16.42	15.68	15.44	15.10	14.94	-45	14.90	14.35	14.19	13.97	13.89	14.90	14.35	14.19	13.97	13.89	
							φ 41.28	-5	59.52	56.59	55.45	53.77	52.82	59.52	56.59	55.45	53.77	52.82	-10	49.89	47.44	46.49	45.10	44.31	49.89	47.44	46.49	45.10	44.31	-12	46.36	44.10	43.22	41.93	41.21	46.36	44.10	43.22	41.93	41.21	-15	41.41	39.41	38.64	37.51	36.87	41.41	39.41	38.64	37.51	36.87	-17	38.35	36.51	35.81	34.77	34.18	38.35	36.51	35.81	34.77	34.18	-20	34.10	32.49	31.88	30.97	30.47	34.10	32.49	31.88	30.97	30.47	-25	27.94	26.67	26.20	25.50	25.11	27.94	26.67	26.20	25.50	25.11	-30	22.94	21.96	21.60	21.07	20.78	22.94	21.96	21.60	21.07	20.78	-35	19.10	18.35	18.10	17.71	17.50	19.10	18.35	18.10	17.71	17.50	-40	16.42	15.86	15.70	15.46	15.34	16.42	15.86	15.70	15.46	15.34	-45	14.90	14.47	14.37	14.22	14.15	14.90	14.47	14.37	14.22	14.15

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	100m	0m	30m	50m	80m	100m	
ECV-EN150A1 + RM-N165A	φ 34.92	-5	56.12	51.52	49.51	46.83	45.36	56.12	51.52	49.51	46.83	45.36	
		-10	47.47	43.55	41.84	39.58	38.33	47.47	43.55	41.84	39.58	38.33	
		-12	44.28	40.63	39.04	36.92	35.77	44.28	40.63	39.04	36.92	35.77	
		-15	39.81	36.53	35.10	33.21	32.17	39.81	36.53	35.10	33.21	32.17	
		-17	37.02	33.98	32.66	30.91	29.95	37.02	33.98	32.66	30.91	29.95	
		-20	33.14	30.44	29.26	27.71	26.86	33.14	30.44	29.26	27.71	26.86	
		-25	27.46	25.27	24.32	23.07	22.39	27.46	25.27	24.32	23.07	22.39	
		-30	22.77	21.02	20.28	19.28	18.74	22.77	21.02	20.28	19.28	18.74	
		-35	19.08	17.70	17.13	16.37	15.96	19.08	17.70	17.13	16.37	15.96	
		-40	16.37	15.32	14.92	14.41	14.19	16.37	15.32	14.92	14.41	14.19	
		-45	14.66	13.86	13.58	13.24	13.11	14.66	13.86	13.58	13.24	13.11	
		φ 38.1 (標準寸法)	-5	56.12	52.81	51.44	49.49	48.39	56.12	52.81	51.44	49.49	48.39
	-10		47.47	44.65	43.48	41.83	40.90	47.47	44.65	43.48	41.83	40.90	
	-12		44.28	41.66	40.57	39.02	38.16	44.28	41.66	40.57	39.02	38.16	
	-15		39.81	37.45	36.47	35.09	34.31	39.81	37.45	36.47	35.09	34.31	
	-17		37.02	34.83	33.93	32.65	31.93	37.02	34.83	33.93	32.65	31.93	
	-20		33.14	31.19	30.39	29.26	28.62	33.14	31.19	30.39	29.26	28.62	
	-25		27.46	25.88	25.24	24.32	23.81	27.46	25.88	25.24	24.32	23.81	
	-30		22.77	21.51	21.00	20.28	19.88	22.77	21.51	21.00	20.28	19.88	
	-35		19.08	18.08	17.69	17.13	16.83	19.08	18.08	17.69	17.13	16.83	
	-40		16.37	15.60	15.33	14.94	14.74	16.37	15.60	15.33	14.94	14.74	
	-45		14.66	14.07	13.88	13.61	13.48	14.66	14.07	13.88	13.61	13.48	
	φ 41.28		-5	56.12	53.67	52.78	51.41	50.65	56.12	53.67	52.78	51.41	50.65
		-10	47.47	45.39	44.62	43.46	42.81	47.47	45.39	44.62	43.46	42.81	
		-12	44.28	42.34	41.63	40.55	39.94	44.28	42.34	41.63	40.55	39.94	
		-15	39.81	38.06	37.42	36.45	35.91	39.81	38.06	37.42	36.45	35.91	
		-17	37.02	35.40	34.81	33.91	33.41	37.02	35.40	34.81	33.91	33.41	
		-20	33.14	31.70	31.17	30.38	29.93	33.14	31.70	31.17	30.38	29.93	
		-25	27.46	26.29	25.87	25.23	24.87	27.46	26.29	25.87	25.23	24.87	
		-30	22.77	21.83	21.50	21.00	20.72	22.77	21.83	21.50	21.00	20.72	
		-35	19.08	18.33	18.08	17.69	17.48	19.08	18.33	18.08	17.69	17.48	
		-40	16.37	15.79	15.61	15.34	15.20	16.37	15.79	15.61	15.34	15.20	
		-45	14.66	14.21	14.09	13.90	13.81	14.66	14.21	14.09	13.90	13.81	
		ECV-EN185A1 + RM-N110A × 2	φ 38.1	-5	64.38	59.58	57.51	54.70	53.15	64.38	59.58	57.51	54.70
	-10			54.18	50.14	48.40	46.05	44.75	54.18	50.14	48.40	46.05	44.75
	-12			50.43	46.69	45.07	42.89	41.69	50.43	46.69	45.07	42.89	41.69
-15	45.18			41.85	40.42	38.48	37.41	45.18	41.85	40.42	38.48	37.41	
-17	41.92			38.85	37.54	35.75	34.77	41.92	38.85	37.54	35.75	34.77	
-20	37.40			34.70	33.54	31.98	31.11	37.40	34.70	33.54	31.98	31.11	
-25	30.83			28.67	27.76	26.52	25.84	30.83	28.67	27.76	26.52	25.84	
-30	25.47			23.78	23.08	22.11	21.59	25.47	23.78	23.08	22.11	21.59	
-35	21.32			20.02	19.50	18.78	18.40	21.32	20.02	19.50	18.78	18.40	
-40	18.39			17.42	17.08	16.64	16.45	18.39	17.42	17.08	16.64	16.45	
-45	16.66			15.94	15.71	15.43	15.33	16.66	15.94	15.71	15.43	15.33	
φ 41.28 (標準寸法)	-5			64.38	60.87	59.44	57.40	56.24	64.38	60.87	59.44	57.40	56.24
	-10		54.18	51.22	50.03	48.31	47.35	54.18	51.22	50.03	48.31	47.35	
	-12		50.43	47.69	46.58	44.99	44.10	50.43	47.69	46.58	44.99	44.10	
	-15		45.18	42.74	41.76	40.35	39.55	45.18	42.74	41.76	40.35	39.55	
	-17		41.92	39.67	38.77	37.47	36.74	41.92	39.67	38.77	37.47	36.74	
	-20		37.40	35.42	34.63	33.49	32.85	37.40	35.42	34.63	33.49	32.85	
	-25		30.83	29.24	28.62	27.72	27.22	30.83	29.24	28.62	27.72	27.22	
	-30		25.47	24.22	23.75	23.05	22.67	25.47	24.22	23.75	23.05	22.67	
	-35		21.32	20.36	20.00	19.49	19.20	21.32	20.36	20.00	19.49	19.20	
	-40		18.39	17.66	17.43	17.09	16.92	18.39	17.66	17.43	17.09	16.92	
	-45		16.66	16.11	15.96	15.74	15.64	16.66	16.11	15.96	15.74	15.64	
	φ 44.45		-5	64.38	61.71	60.76	59.30	58.49	64.38	61.71	60.76	59.30	58.49
-10			54.18	51.93	51.13	49.91	49.23	54.18	51.93	51.13	49.91	49.23	
-12			50.43	48.35	47.61	46.47	45.84	50.43	48.35	47.61	46.47	45.84	
-15			45.18	43.33	42.67	41.66	41.10	45.18	43.33	42.67	41.66	41.10	
-17			41.92	40.21	39.61	38.68	38.17	41.92	40.21	39.61	38.68	38.17	
-20			37.40	35.89	35.36	34.55	34.10	37.40	35.89	35.36	34.55	34.10	
-25			30.83	29.62	29.21	28.57	28.22	30.83	29.62	29.21	28.57	28.22	
-30			25.47	24.52	24.20	23.71	23.44	25.47	24.52	24.20	23.71	23.44	
-35			21.32	20.58	20.35	19.99	19.79	21.32	20.58	20.35	19.99	19.79	
-40			18.39	17.82	17.67	17.43	17.31	18.39	17.82	17.67	17.43	17.31	
-45			16.66	16.22	16.13	15.98	15.91	16.66	16.22	16.13	15.98	15.91	

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	100m	0m	30m	50m	80m	100m																																																																																																																				
ECV-EN225A1 + RM-N110A × 2	φ 41.28	-5	69.72	65.37	63.54	60.98	59.55	69.72	65.37	63.54	60.98	59.55	-10	58.49	54.85	53.33	51.20	50.01	58.49	54.85	53.33	51.20	50.01	-12	54.37	51.00	49.60	47.63	46.53	54.37	51.00	49.60	47.63	46.53	-15	48.60	45.62	44.38	42.64	41.67	48.60	45.62	44.38	42.64	41.67	-17	45.02	42.28	41.14	39.55	38.66	45.02	42.28	41.14	39.55	38.66	-20	40.05	37.66	36.67	35.28	34.50	40.05	37.66	36.67	35.28	34.50	-25	32.86	30.97	30.20	29.11	28.50	32.86	30.97	30.20	29.11	28.50	-30	27.01	25.54	24.96	24.13	23.67	27.01	25.54	24.96	24.13	23.67	-35	22.51	21.39	20.97	20.36	20.03	22.51	21.39	20.97	20.36	20.03	-40	19.36	18.53	18.26	17.88	17.70	19.36	18.53	18.26	17.88	17.70	-45	17.55	16.93	16.76	16.51	16.41	17.55	16.93	16.76	16.51	16.41						
		φ 44.45 (標準寸法)	-5	69.72	66.44	65.18	63.32	62.27	69.72	66.44	65.18	63.32	62.27	-10	58.49	55.74	54.70	53.15	52.28	58.49	55.74	54.70	53.15	52.28	-12	54.37	51.83	50.86	49.43	48.63	54.37	51.83	50.86	49.43	48.63	-15	48.60	46.35	45.50	44.23	43.52	48.60	46.35	45.50	44.23	43.52	-17	45.02	42.95	42.17	41.01	40.36	45.02	42.95	42.17	41.01	40.36	-20	40.05	38.24	37.57	36.56	35.99	40.05	38.24	37.57	36.56	35.99	-25	32.86	31.42	30.90	30.12	29.68	32.86	31.42	30.90	30.12	29.68	-30	27.01	25.89	25.50	24.90	24.58	27.01	25.89	25.50	24.90	24.58	-35	22.51	21.65	21.37	20.94	20.70	22.51	21.65	21.37	20.94	20.70	-40	19.36	18.72	18.54	18.26	18.12	19.36	18.72	18.54	18.26	18.12	-45	17.55	17.06	16.95	16.77	16.70	17.55	17.06	16.95	16.77	16.70					
			φ 50.8	-5	69.72	67.65	67.10	66.16	65.66	69.72	67.65	67.10	66.16	65.66	-10	58.49	56.75	56.29	55.51	55.10	58.49	56.75	56.29	55.51	55.10	-12	54.37	52.76	52.34	51.62	51.24	54.37	52.76	52.34	51.62	51.24	-15	48.60	47.17	46.80	46.16	45.83	48.60	47.17	46.80	46.16	45.83	-17	45.02	43.70	43.37	42.79	42.48	45.02	43.70	43.37	42.79	42.48	-20	40.05	38.90	38.61	38.11	37.84	40.05	38.90	38.61	38.11	37.84	-25	32.86	31.94	31.72	31.33	31.13	32.86	31.94	31.72	31.33	31.13	-30	27.01	26.29	26.13	25.84	25.69	27.01	26.29	26.13	25.84	25.69	-35	22.51	21.95	21.84	21.63	21.54	22.51	21.95	21.84	21.63	21.54	-40	19.36	18.93	18.87	18.74	18.69	19.36	18.93	18.87	18.74	18.69	-45	17.55	17.21	17.18	17.11	17.09	17.55	17.21	17.18	17.11	17.09				
				ECV-EN260A1 + RM-N165A × 2	φ 44.45	-5	90.60	84.10	81.31	77.52	75.41	90.60	84.10	81.31	77.52	75.41	-10	75.58	70.22	67.93	64.80	63.08	75.58	70.22	67.93	64.80	63.08	-12	70.09	65.15	63.05	60.18	58.59	70.09	65.15	63.05	60.18	58.59	-15	62.41	58.07	56.23	53.71	52.32	62.41	58.07	56.23	53.71	52.32	-17	57.65	53.69	52.01	49.72	48.45	57.65	53.69	52.01	49.72	48.45	-20	51.06	47.64	46.19	44.21	43.11	51.06	47.64	46.19	44.21	43.11	-25	41.56	38.91	37.81	36.28	35.44	41.56	38.91	37.81	36.28	35.44	-30	33.90	31.88	31.07	29.93	29.30	33.90	31.88	31.07	29.93	29.30	-35	28.07	26.58	26.00	25.19	24.75	28.07	26.58	26.00	25.19	24.75	-40	24.09	23.03	22.68	22.21	22.01	24.09	23.03	22.68	22.21	22.01	-45	21.94	21.15	20.93	20.65	20.56	21.94	21.15	20.93	20.65	20.56		
						φ 50.8 (標準寸法)	-5	90.60	86.66	85.22	83.04	81.81	90.60	86.66	85.22	83.04	81.81	-10	75.58	72.33	71.15	69.35	68.35	75.58	72.33	71.15	69.35	68.35	-12	70.09	67.09	66.01	64.36	63.44	70.09	67.09	66.01	64.36	63.44	-15	62.41	59.77	58.82	57.38	56.58	62.41	59.77	58.82	57.38	56.58	-17	57.65	55.24	54.38	53.07	52.34	57.65	55.24	54.38	53.07	52.34	-20	51.06	48.97	48.24	47.11	46.49	51.06	48.97	48.24	47.11	46.49	-25	41.56	39.94	39.38	38.53	38.05	41.56	39.94	39.38	38.53	38.05	-30	33.90	32.65	32.25	31.62	31.28	33.90	32.65	32.25	31.62	31.28	-35	28.07	27.14	26.86	26.42	26.18	28.07	27.14	26.86	26.42	26.18	-40	24.09	23.40	23.24	22.97	22.85	24.09	23.40	23.24	22.97	22.85	-45	21.94	21.41	21.32	21.16	21.10	21.94	21.41	21.32	21.16	21.10	
							φ 53.98	-5	90.60	87.47	86.49	84.92	84.06	90.60	87.47	86.49	84.92	84.06	-10	75.58	72.99	72.20	70.91	70.20	75.58	72.99	72.20	70.91	70.20	-12	70.09	67.70	66.97	65.79	65.14	70.09	67.70	66.97	65.79	65.14	-15	62.41	60.30	59.67	58.64	58.07	62.41	60.30	59.67	58.64	58.07	-17	57.65	55.73	55.15	54.22	53.71	57.65	55.73	55.15	54.22	53.71	-20	51.06	49.39	48.90	48.10	47.67	51.06	49.39	48.90	48.10	47.67	-25	41.56	40.26	39.89	39.29	38.96	41.56	40.26	39.89	39.29	38.96	-30	33.90	32.90	32.64	32.19	31.96	33.90	32.90	32.64	32.19	31.96	-35	28.07	27.31	27.14	26.83	26.68	28.07	27.31	27.14	26.83	26.68	-40	24.09	23.52	23.43	23.25	23.17	24.09	23.52	23.43	23.25	23.17	-45	21.94	21.49	21.45	21.35	21.32	21.94	21.49	21.45	21.35	21.32

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	100m	0m	30m	50m	80m	100m	
ECV-EN300A1 + RM-N165A × 2	φ 44.45	-5	97.53	89.80	86.44	81.96	79.50	97.53	89.80	86.44	81.96	79.50	
		-10	81.68	75.25	72.47	68.75	66.71	81.68	75.25	72.47	68.75	66.71	
		-12	75.88	69.94	67.37	63.94	62.06	75.88	69.94	67.37	63.94	62.06	
		-15	67.75	62.51	60.25	57.23	55.57	67.75	62.51	60.25	57.23	55.57	
		-17	62.72	57.92	55.85	53.08	51.57	62.72	57.92	55.85	53.08	51.57	
		-20	55.75	51.56	49.77	47.36	46.04	55.75	51.56	49.77	47.36	46.04	
		-25	45.68	42.40	41.00	39.13	38.09	45.68	42.40	41.00	39.13	38.09	
		-30	37.54	35.01	33.96	32.53	31.75	37.54	35.01	33.96	32.53	31.75	
		-35	31.33	29.41	28.65	27.62	27.07	31.33	29.41	28.65	27.62	27.07	
		-40	27.04	25.67	25.20	24.63	24.42	27.04	25.67	25.20	24.63	24.42	
		-45	24.68	23.66	23.37	23.03	22.97	24.68	23.66	23.37	23.03	22.97	
		-5	97.53	92.87	91.08	88.43	86.95	97.53	92.87	91.08	88.43	86.95	
	-10	81.68	77.80	76.32	74.13	72.89	81.68	77.80	76.32	74.13	72.89		
	-12	75.88	72.29	70.93	68.90	67.77	75.88	72.29	70.93	68.90	67.77		
	-15	67.75	64.59	63.39	61.61	60.61	67.75	64.59	63.39	61.61	60.61		
	-17	62.72	59.82	58.72	57.10	56.18	62.72	59.82	58.72	57.10	56.18		
	-20	55.75	53.22	52.27	50.86	50.07	55.75	53.22	52.27	50.86	50.07		
	-25	45.68	43.69	42.96	41.87	41.26	45.68	43.69	42.96	41.87	41.26		
	-30	37.54	35.99	35.45	34.63	34.18	37.54	35.99	35.45	34.63	34.18		
	-35	31.33	30.14	29.76	29.17	28.85	31.33	30.14	29.76	29.17	28.85		
	-40	27.04	26.17	25.93	25.56	25.39	27.04	26.17	25.93	25.56	25.39		
	-45	24.68	24.01	23.87	23.64	23.55	24.68	24.01	23.87	23.64	23.55		
	-5	97.53	93.85	92.62	90.68	89.61	97.53	93.85	92.62	90.68	89.61		
	-10	81.68	78.61	77.59	75.99	75.10	81.68	78.61	77.59	75.99	75.10		
	-12	75.88	73.04	72.10	70.63	69.81	75.88	73.04	72.10	70.63	69.81		
	-15	67.75	65.24	64.42	63.12	62.41	67.75	65.24	64.42	63.12	62.41		
	-17	62.72	60.42	59.67	58.49	57.83	62.72	60.42	59.67	58.49	57.83		
	-20	55.75	53.74	53.09	52.07	51.50	55.75	53.74	53.09	52.07	51.50		
	-25	45.68	44.09	43.60	42.81	42.38	45.68	44.09	43.60	42.81	42.38		
	-30	37.54	36.30	35.94	35.35	35.03	37.54	36.30	35.94	35.35	35.03		
	-35	31.33	30.37	30.12	29.70	29.48	31.33	30.37	30.12	29.70	29.48		
	-40	27.04	26.32	26.18	25.92	25.80	27.04	26.32	26.18	25.92	25.80		
	-45	24.68	24.12	24.04	23.89	23.83	24.68	24.12	24.04	23.89	23.83		
	ECV-EN335A1 + RM-N165A × 2	φ 44.45	-5	104.96	95.59	91.50	86.18	83.29	104.96	95.59	91.50	86.18	83.29
			-10	87.81	80.04	76.66	72.26	69.87	87.81	80.04	76.66	72.26	69.87
			-12	81.54	74.37	71.26	67.20	65.00	81.54	74.37	71.26	67.20	65.00
-15			72.76	66.45	63.71	60.14	58.19	72.76	66.45	63.71	60.14	58.19	
-17			67.33	61.55	59.05	55.78	54.00	67.33	61.55	59.05	55.78	54.00	
-20			59.81	54.78	52.61	49.77	48.22	59.81	54.78	52.61	49.77	48.22	
-25			48.96	45.03	43.35	41.14	39.93	48.96	45.03	43.35	41.14	39.93	
-30			40.21	37.20	35.93	34.25	33.34	40.21	37.20	35.93	34.25	33.34	
-35			33.56	31.30	30.39	29.18	28.56	33.56	31.30	30.39	29.18	28.56	
-40			29.01	27.41	26.87	26.29	26.19	29.01	27.41	26.87	26.29	26.19	
-45			26.56	25.38	25.04	24.91	24.83	26.56	25.38	25.04	24.91	24.83	
-5			104.96	99.34	97.09	93.83	92.00	104.96	99.34	97.09	93.83	92.00	
-10		87.81	83.15	81.29	78.60	77.09	87.81	83.15	81.29	78.60	77.09		
-12		81.54	77.24	75.52	73.04	71.65	81.54	77.24	75.52	73.04	71.65		
-15		72.76	68.97	67.46	65.28	64.06	72.76	68.97	67.46	65.28	64.06		
-17		67.33	63.85	62.48	60.49	59.38	67.33	63.85	62.48	60.49	59.38		
-20		59.81	56.78	55.60	53.87	52.91	59.81	56.78	55.60	53.87	52.91		
-25		48.96	46.59	45.68	44.35	43.60	48.96	46.59	45.68	44.35	43.60		
-30		40.21	38.38	37.70	36.70	36.15	40.21	38.38	37.70	36.70	36.15		
-35		33.56	32.17	31.69	30.97	30.58	33.56	32.17	31.69	30.97	30.58		
-40		29.01	27.99	27.70	27.27	27.07	29.01	27.99	27.70	27.27	27.07		
-45		26.56	25.78	25.61	25.34	25.24	26.56	25.78	25.61	25.34	25.24		
-5		104.96	100.54	98.96	96.54	95.18	104.96	100.54	98.96	96.54	95.18		
-10		87.81	84.15	82.84	80.84	79.72	87.81	84.15	82.84	80.84	79.72		
-12		81.54	78.15	76.95	75.11	74.08	81.54	78.15	76.95	75.11	74.08		
-15		72.76	69.77	68.72	67.10	66.20	72.76	69.77	68.72	67.10	66.20		
-17		67.33	64.59	63.63	62.16	61.34	67.33	64.59	63.63	62.16	61.34		
-20		59.81	57.42	56.59	55.32	54.61	59.81	57.42	56.59	55.32	54.61		
-25		48.96	47.08	46.45	45.47	44.93	48.96	47.08	46.45	45.47	44.93		
-30		40.21	38.76	38.29	37.56	37.16	40.21	38.76	38.29	37.56	37.16		
-35		33.56	32.45	32.12	31.60	31.33	33.56	32.45	32.12	31.60	31.33		
-40		29.01	28.18	27.99	27.68	27.53	29.01	28.18	27.99	27.68	27.53		
-45		26.56	25.91	25.81	25.62	25.24	26.56	25.91	25.81	25.62	25.24		

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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	100m	0m	30m	50m	80m	100m
ECV-EN45DCA + RM-N55A	φ 19.05	-5	17.32	14.58	13.44	12.13	11.46	17.32	14.58	13.44	12.13	11.46
		-10	14.80	12.39	11.39	10.26	9.69	14.80	12.39	11.39	10.26	9.69
		-12	13.86	11.57	10.64	9.57	9.03	13.86	11.57	10.64	9.57	9.03
		-15	12.51	10.42	9.56	8.60	8.11	12.51	10.42	9.56	8.60	8.11
		-17	11.66	9.69	8.89	7.99	7.54	11.66	9.69	8.89	7.99	7.54
		-20	10.45	8.67	7.95	7.14	6.74	10.45	8.67	7.95	7.14	6.74
		-25	8.62	7.13	6.54	5.87	5.54	8.62	7.13	6.54	5.87	5.54
		-30	7.03	5.81	5.33	4.79	4.52	7.03	5.81	5.33	4.79	4.52
		-35	5.66	4.69	4.31	3.88	3.67	5.66	4.69	4.31	3.88	3.67
		-40	4.52	3.77	3.47	3.14	2.98	4.52	3.77	3.47	3.14	2.98
	-45	3.60	3.04	2.82	2.57	2.45	3.60	3.04	2.82	2.57	2.45	
	φ 22.22 (標準寸法)	-5	17.32	15.90	15.28	14.44	13.98	17.32	15.90	15.28	14.44	13.98
		-10	14.80	13.55	13.00	12.26	11.86	14.80	13.55	13.00	12.26	11.86
		-12	13.86	12.67	12.15	11.45	11.07	13.86	12.67	12.15	11.45	11.07
		-15	12.51	11.42	10.94	10.31	9.96	12.51	11.42	10.94	10.31	9.96
		-17	11.66	10.64	10.18	9.59	9.26	11.66	10.64	10.18	9.59	9.26
		-20	10.45	9.52	9.11	8.58	8.28	10.45	9.52	9.11	8.58	8.28
		-25	8.62	7.85	7.50	7.06	6.81	8.62	7.85	7.50	7.06	6.81
		-30	7.03	6.39	6.11	5.75	5.55	7.03	6.39	6.11	5.75	5.55
		-35	5.66	5.15	4.93	4.64	4.48	5.66	5.15	4.93	4.64	4.48
		-40	4.52	4.12	3.95	3.73	3.61	4.52	4.12	3.95	3.73	3.61
	-45	3.60	3.31	3.18	3.01	2.92	3.60	3.31	3.18	3.01	2.92	
	φ 25.4	-5	17.32	16.51	16.20	15.74	15.48	17.32	16.51	16.20	15.74	15.48
		-10	14.80	14.09	13.81	13.40	13.17	14.80	14.09	13.81	13.40	13.17
		-12	13.86	13.18	12.92	12.53	12.31	13.86	13.18	12.92	12.53	12.31
		-15	12.51	11.89	11.65	11.29	11.09	12.51	11.89	11.65	11.29	11.09
		-17	11.66	11.08	10.85	10.51	10.32	11.66	11.08	10.85	10.51	10.32
		-20	10.45	9.93	9.72	9.41	9.24	10.45	9.93	9.72	9.41	9.24
		-25	8.62	8.18	8.01	7.75	7.61	8.62	8.18	8.01	7.75	7.61
		-30	7.03	6.66	6.52	6.31	6.19	7.03	6.66	6.52	6.31	6.19
-35		5.66	5.37	5.25	5.09	4.99	5.66	5.37	5.25	5.09	4.99	
-40		4.52	4.29	4.20	4.08	4.00	4.52	4.29	4.20	4.08	4.00	
-45	3.60	3.43	3.37	3.27	3.22	3.60	3.43	3.37	3.27	3.22		

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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	100m	0m	30m	50m	80m	100m	
ECV-EN110DCA + RM-N110A	φ 31.75	-5	31.84	30.34	29.76	28.88	28.39	31.84	30.34	29.76	28.88	28.39	
		-10	27.31	25.98	25.45	24.67	24.23	27.31	25.98	25.45	24.67	24.23	
		-12	25.62	24.34	23.84	23.10	22.68	25.62	24.34	23.84	23.10	22.68	
		-15	23.19	22.02	21.55	20.87	20.48	23.19	22.02	21.55	20.87	20.48	
		-17	21.66	20.55	20.11	19.46	19.09	21.66	20.55	20.11	19.46	19.09	
		-20	19.48	18.47	18.06	17.47	17.13	19.48	18.47	18.06	17.47	17.13	
		-25	16.17	15.32	14.97	14.46	14.18	16.17	15.32	14.97	14.46	14.18	
		-30	13.28	12.56	12.28	11.86	11.62	13.28	12.56	12.28	11.86	11.62	
		-35	10.79	10.21	9.97	9.64	9.45	10.79	10.21	9.97	9.64	9.45	
		-40	8.71	8.25	8.06	7.80	7.65	8.71	8.25	8.06	7.80	7.65	
		-45	7.04	6.68	6.54	6.33	6.22	7.04	6.68	6.54	6.33	6.22	
		φ 34.92 (標準寸法)	-5	31.84	30.79	30.48	29.96	29.68	31.84	30.79	30.48	29.96	29.68
	-10		27.31	26.38	26.10	25.63	25.37	27.31	26.38	26.10	25.63	25.37	
	-12		25.62	24.73	24.46	24.01	23.76	25.62	24.73	24.46	24.01	23.76	
	-15		23.19	22.38	22.12	21.71	21.47	23.19	22.38	22.12	21.71	21.47	
	-17		21.66	20.89	20.65	20.25	20.03	21.66	20.89	20.65	20.25	20.03	
	-20		19.48	18.78	18.55	18.19	17.99	19.48	18.78	18.55	18.19	17.99	
	-25		16.17	15.58	15.39	15.08	14.90	16.17	15.58	15.39	15.08	14.90	
	-30		13.28	12.79	12.62	12.36	12.22	13.28	12.79	12.62	12.36	12.22	
	-35		10.79	10.39	10.26	10.05	9.93	10.79	10.39	10.26	10.05	9.93	
	-40		8.71	8.39	8.29	8.12	8.03	8.71	8.39	8.29	8.12	8.03	
	-45		7.04	6.79	6.71	6.58	6.51	7.04	6.79	6.71	6.58	6.51	
	φ 38.1		-5	31.84	31.05	30.90	30.60	30.45	31.84	31.05	30.90	30.60	30.45
		-10	27.31	26.62	26.47	26.20	26.06	27.31	26.62	26.47	26.20	26.06	
		-12	25.62	24.95	24.81	24.55	24.42	25.62	24.95	24.81	24.55	24.42	
		-15	23.19	22.58	22.45	22.21	22.08	23.19	22.58	22.45	22.21	22.08	
		-17	21.66	21.08	20.96	20.72	20.60	21.66	21.08	20.96	20.72	20.60	
		-20	19.48	18.96	18.84	18.62	18.51	19.48	18.96	18.84	18.62	18.51	
		-25	16.17	15.73	15.63	15.44	15.35	16.17	15.73	15.63	15.44	15.35	
		-30	13.28	12.91	12.82	12.67	12.59	13.28	12.91	12.82	12.67	12.59	
		-35	10.79	10.49	10.42	10.30	10.23	10.79	10.49	10.42	10.30	10.23	
		-40	8.71	8.47	8.42	8.32	8.27	8.71	8.47	8.42	8.32	8.27	
		-45	7.04	6.85	6.81	6.73	6.70	7.04	6.85	6.81	6.73	6.70	
		ECV-EN110DCA + RM-N165A	φ 31.75	-5	33.06	31.41	30.76	29.79	29.24	33.06	31.41	30.76	29.79
	-10			28.37	26.90	26.30	25.43	24.94	28.37	26.90	26.30	25.43	24.94
	-12			26.60	25.20	24.63	23.80	23.33	26.60	25.20	24.63	23.80	23.33
-15	24.07			22.77	22.24	21.46	21.03	24.07	22.77	22.24	21.46	21.03	
-17	22.45			21.22	20.72	19.99	19.57	22.45	21.22	20.72	19.99	19.57	
-20	20.15			19.02	18.56	17.89	17.51	20.15	19.02	18.56	17.89	17.51	
-25	-			-	-	-	-	-	-	-	-	-	
-30	-			-	-	-	-	-	-	-	-	-	
-35	-			-	-	-	-	-	-	-	-	-	
-40	-			-	-	-	-	-	-	-	-	-	
-45	-			-	-	-	-	-	-	-	-	-	
φ 34.92 (標準寸法)	-5			33.06	31.92	31.56	30.98	30.66	33.06	31.92	31.56	30.98	30.66
	-10		28.37	27.35	27.02	26.49	26.20	28.37	27.35	27.02	26.49	26.20	
	-12		26.60	25.64	25.32	24.81	24.52	26.60	25.64	25.32	24.81	24.52	
	-15		24.07	23.17	22.87	22.40	22.13	24.07	23.17	22.87	22.40	22.13	
	-17		22.45	21.61	21.32	20.87	20.62	22.45	21.61	21.32	20.87	20.62	
	-20		20.15	19.37	19.11	18.69	18.46	20.15	19.37	19.11	18.69	18.46	
	-25		-	-	-	-	-	-	-	-	-	-	
	-30		-	-	-	-	-	-	-	-	-	-	
	-35		-	-	-	-	-	-	-	-	-	-	
	-40		-	-	-	-	-	-	-	-	-	-	
	-45		-	-	-	-	-	-	-	-	-	-	
	φ 38.1		-5	33.06	32.20	32.02	31.68	31.51	33.06	32.20	32.02	31.68	31.51
-10			28.37	27.61	27.44	27.13	26.96	28.37	27.61	27.44	27.13	26.96	
-12			26.60	25.88	25.71	25.41	25.25	26.60	25.88	25.71	25.41	25.25	
-15			24.07	23.40	23.24	22.96	22.81	24.07	23.40	23.24	22.96	22.81	
-17			22.45	21.82	21.67	21.40	21.26	22.45	21.82	21.67	21.40	21.26	
-20			20.15	19.57	19.43	19.18	19.05	20.15	19.57	19.43	19.18	19.05	
-25			-	-	-	-	-	-	-	-	-	-	
-30			-	-	-	-	-	-	-	-	-	-	
-35			-	-	-	-	-	-	-	-	-	-	
-40			-	-	-	-	-	-	-	-	-	-	
-45			-	-	-	-	-	-	-	-	-	-	

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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	100m	0m	30m	50m	80m	100m
ECV-EN165DCA + RM-N165A	φ 38.1	- 5	52.07	49.49	48.47	46.96	46.10	52.07	49.49	48.47	46.96	46.10
		- 10	44.79	42.48	41.55	40.19	39.41	44.79	42.48	41.55	40.19	39.41
		- 12	42.06	39.85	38.96	37.66	36.92	42.06	39.85	38.96	37.66	36.92
		- 15	38.15	36.10	35.27	34.06	33.38	38.15	36.10	35.27	34.06	33.38
		- 17	38.15	36.10	35.27	34.06	33.38	38.15	36.10	35.27	34.06	33.38
		- 20	32.14	30.36	29.63	28.58	27.98	32.14	30.36	29.63	28.58	27.98
		- 25	26.77	25.25	24.62	23.72	23.21	26.77	25.25	24.62	23.72	23.21
		- 30	22.05	20.77	20.24	19.48	19.06	22.05	20.77	20.24	19.48	19.06
		- 35	17.96	16.91	16.47	15.85	15.50	17.96	16.91	16.47	15.85	15.50
	- 40	14.51	13.66	13.31	12.82	12.54	14.51	13.66	13.31	12.82	12.54	
	- 45	11.69	11.03	10.76	10.37	10.15	11.69	11.03	10.76	10.37	10.15	
	φ 41.28 (標準寸法)	- 5	52.07	50.15	49.51	48.49	47.92	52.07	50.15	49.51	48.49	47.92
		- 10	44.79	43.07	42.48	41.56	41.04	44.79	43.07	42.48	41.56	41.04
		- 12	42.06	40.42	39.85	38.97	38.47	42.06	40.42	39.85	38.97	38.47
		- 15	38.15	36.63	36.10	35.27	34.81	38.15	36.63	36.10	35.27	34.81
		- 17	35.67	34.23	33.73	32.94	32.50	35.67	34.23	33.73	32.94	32.50
		- 20	32.14	30.82	30.35	29.63	29.22	32.14	30.82	30.35	29.63	29.22
		- 25	26.77	25.65	25.24	24.62	24.26	26.77	25.65	25.24	24.62	24.26
		- 30	22.05	21.10	20.76	20.23	19.93	22.05	21.10	20.76	20.23	19.93
		- 35	17.96	17.18	16.90	16.46	16.22	17.96	17.18	16.90	16.46	16.22
	- 40	14.51	13.88	13.65	13.31	13.11	14.51	13.88	13.65	13.31	13.11	
	- 45	11.69	11.20	11.02	10.75	10.60	11.69	11.20	11.02	10.75	10.60	
	φ 44.45	- 5	52.07	50.57	50.19	49.52	49.16	52.07	50.57	50.19	49.52	49.16
		- 10	44.79	43.45	43.10	42.48	42.15	44.79	43.45	43.10	42.48	42.15
		- 12	42.06	40.78	40.44	39.85	39.53	42.06	40.78	40.44	39.85	39.53
		- 15	38.15	36.97	36.65	36.09	35.79	38.15	36.97	36.65	36.09	35.79
		- 17	35.67	34.56	34.24	33.72	33.43	35.67	34.56	34.24	33.72	33.43
- 20		32.14	31.12	30.83	30.34	30.08	32.14	31.12	30.83	30.34	30.08	
- 25		26.77	25.91	25.65	25.23	25.00	26.77	25.91	25.65	25.23	25.00	
- 30		22.05	21.32	21.10	20.74	20.55	22.05	21.32	21.10	20.74	20.55	
- 35		17.96	17.36	17.18	16.88	16.72	17.96	17.36	17.18	16.88	16.72	
- 40	14.51	14.02	13.88	13.64	13.52	14.51	14.02	13.88	13.64	13.52		
- 45	11.69	11.31	11.20	11.02	10.92	11.69	11.31	11.20	11.02	10.92		
ECV-EN165DCA + RM-N110A × 2	φ 38.1	- 5	53.78	50.94	49.80	48.12	47.17	53.78	50.94	49.80	48.12	47.17
		- 10	46.14	43.62	42.59	41.09	40.24	46.14	43.62	42.59	41.09	40.24
		- 12	43.27	40.88	39.89	38.47	37.66	43.27	40.88	39.89	38.47	37.66
		- 15	39.18	36.97	36.05	34.74	33.99	39.18	36.97	36.05	34.74	33.99
		- 17	36.59	34.50	33.63	32.39	31.68	36.59	34.50	33.63	32.39	31.68
		- 20	32.91	31.00	30.20	29.06	28.42	32.91	31.00	30.20	29.06	28.42
		- 25	27.32	25.70	25.02	24.06	23.51	27.32	25.70	25.02	24.06	23.51
		- 30	22.42	21.07	20.51	19.71	19.26	22.42	21.07	20.51	19.71	19.26
		- 35	18.20	17.10	16.64	16.00	15.64	18.20	17.10	16.64	16.00	15.64
	- 40	14.66	13.79	13.43	12.92	12.63	14.66	13.79	13.43	12.92	12.63	
	- 45	11.81	11.13	10.85	10.46	10.24	11.81	11.13	10.85	10.46	10.24	
	φ 41.28 (標準寸法)	- 5	53.78	51.67	50.94	49.80	49.16	53.78	51.67	50.94	49.80	49.16
		- 10	46.14	44.27	43.61	42.58	42.00	46.14	44.27	43.61	42.58	42.00
		- 12	43.27	41.50	40.86	39.88	39.33	43.27	41.50	40.86	39.88	39.33
		- 15	39.18	37.55	36.95	36.04	35.53	39.18	37.55	36.95	36.04	35.53
		- 17	36.59	35.05	34.48	33.62	33.13	36.59	35.05	34.48	33.62	33.13
		- 20	32.91	31.50	30.98	30.19	29.74	32.91	31.50	30.98	30.19	29.74
		- 25	27.32	26.13	25.68	25.01	24.63	27.32	26.13	25.68	25.01	24.63
		- 30	22.42	21.42	21.05	20.49	20.18	22.42	21.42	21.05	20.49	20.18
		- 35	18.20	17.39	17.09	16.63	16.38	18.20	17.39	17.09	16.63	16.38
	- 40	14.66	14.02	13.78	13.42	13.22	14.66	14.02	13.78	13.42	13.22	
	- 45	11.81	11.31	11.12	10.85	10.69	11.81	11.31	11.12	10.85	10.69	
	φ 44.45	- 5	53.78	52.14	51.70	50.94	50.53	53.78	52.14	51.70	50.94	50.53
		- 10	46.14	44.69	44.28	43.59	43.22	46.14	44.69	44.28	43.59	43.22
		- 12	43.27	41.90	41.51	40.85	40.49	43.27	41.90	41.51	40.85	40.49
		- 15	39.18	37.92	37.55	36.93	36.60	39.18	37.92	37.55	36.93	36.60
		- 17	36.59	35.40	35.05	34.46	34.14	36.59	35.40	35.05	34.46	34.14
- 20		32.91	31.82	31.50	30.96	30.66	32.91	31.82	31.50	30.96	30.66	
- 25		27.32	26.40	26.12	25.66	25.41	27.32	26.40	26.12	25.66	25.41	
- 30		22.42	21.65	21.42	21.03	20.82	22.42	21.65	21.42	21.03	20.82	
- 35		18.20	17.58	17.38	17.07	16.90	18.20	17.58	17.38	17.07	16.90	
- 40	14.66	14.17	14.01	13.77	13.63	14.66	14.17	14.01	13.77	13.63		
- 45	11.81	11.42	11.31	11.12	11.01	11.81	11.42	11.31	11.12	11.01		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	100m	0m	30m	50m	80m	100m
ECV-EN225DCA + RM-N110A × 2	φ 41.28	- 5	63.69	60.49	59.22	57.35	56.29	63.69	60.49	59.22	57.35	56.29
		- 10	54.63	51.79	50.64	48.97	48.02	54.63	51.79	50.64	48.97	48.02
		- 12	51.23	48.53	47.44	45.85	44.94	51.23	48.53	47.44	45.85	44.94
		- 15	46.39	43.89	42.88	41.41	40.57	46.39	43.89	42.88	41.41	40.57
		- 17	43.32	40.96	40.00	38.61	37.82	43.32	40.96	40.00	38.61	37.82
		- 20	38.96	36.81	35.93	34.65	33.93	38.96	36.81	35.93	34.65	33.93
		- 25	32.35	30.53	29.78	28.70	28.09	32.35	30.53	29.78	28.70	28.09
		- 30	26.56	25.04	24.42	23.53	23.02	26.56	25.04	24.42	23.53	23.02
		- 35	21.59	20.35	19.85	19.12	18.72	21.59	20.35	19.85	19.12	18.72
	- 40	17.43	16.45	16.05	15.48	15.16	17.43	16.45	16.05	15.48	15.16	
	- 45	14.09	13.33	13.02	12.58	12.33	14.09	13.33	13.02	12.58	12.33	
	φ 44.45 (標準寸法)	- 5	63.69	61.25	60.42	59.12	58.38	63.69	61.25	60.42	59.12	58.38
		- 10	54.63	52.47	51.72	50.54	49.88	54.63	52.47	51.72	50.54	49.88
		- 12	51.23	49.18	48.46	47.34	46.71	51.23	49.18	48.46	47.34	46.71
		- 15	46.39	44.49	43.82	42.78	42.19	46.39	44.49	43.82	42.78	42.19
		- 17	43.32	41.53	40.89	39.91	39.35	43.32	41.53	40.89	39.91	39.35
		- 20	38.96	37.33	36.74	35.84	35.33	38.96	37.33	36.74	35.84	35.33
		- 25	32.35	30.97	30.47	29.70	29.26	32.35	30.97	30.47	29.70	29.26
		- 30	26.56	25.41	24.99	24.35	23.99	26.56	25.41	24.99	24.35	23.99
		- 35	21.59	20.65	20.31	19.79	19.50	21.59	20.65	20.31	19.79	19.50
	- 40	17.43	16.69	16.42	16.01	15.78	17.43	16.69	16.42	16.01	15.78	
	- 45	14.09	13.51	13.30	12.99	12.81	14.09	13.51	13.30	12.99	12.81	
	φ 50.8	- 5	63.69	62.10	61.79	61.19	60.89	63.69	62.10	61.79	61.19	60.89
		- 10	54.63	53.23	52.94	52.39	52.11	54.63	53.23	52.94	52.39	52.11
		- 12	51.23	49.91	49.62	49.10	48.83	51.23	49.91	49.62	49.10	48.83
		- 15	46.39	45.16	44.90	44.41	44.15	46.39	45.16	44.90	44.41	44.15
		- 17	43.32	42.17	41.91	41.44	41.20	43.32	42.17	41.91	41.44	41.20
- 20		38.96	37.91	37.67	37.24	37.02	38.96	37.91	37.67	37.24	37.02	
- 25		32.35	31.47	31.26	30.89	30.69	32.35	31.47	31.26	30.89	30.69	
- 30		26.56	25.83	25.65	25.34	25.18	26.56	25.83	25.65	25.34	25.18	
- 35		21.59	20.99	20.85	20.59	20.46	21.59	20.99	20.85	20.59	20.46	
- 40	17.43	16.95	16.84	16.64	16.54	17.43	16.95	16.84	16.64	16.54		
- 45	14.09	13.72	13.63	13.48	13.40	14.09	13.72	13.63	13.48	13.40		
ECV-EN225DCA + RM-N165A × 2	φ 41.28	- 5	66.10	62.59	61.17	59.09	57.91	66.10	62.59	61.17	59.09	57.91
		- 10	56.70	53.58	52.30	50.44	49.39	56.70	53.58	52.30	50.44	49.39
		- 12	53.17	50.21	48.99	47.22	46.22	53.17	50.21	48.99	47.22	46.22
		- 15	48.14	45.41	44.27	42.64	41.72	48.14	45.41	44.27	42.64	41.72
		- 17	44.96	42.37	41.30	39.76	38.89	44.96	42.37	41.30	39.76	38.89
		- 20	40.44	38.07	37.09	35.68	34.89	40.44	38.07	37.09	35.68	34.89
		- 25	-	-	-	-	-	-	-	-	-	-
		- 30	-	-	-	-	-	-	-	-	-	-
		- 35	-	-	-	-	-	-	-	-	-	-
	- 40	-	-	-	-	-	-	-	-	-	-	
	- 45	-	-	-	-	-	-	-	-	-	-	
	φ 44.45 (標準寸法)	- 5	66.10	63.44	62.50	61.03	60.21	66.10	63.44	62.50	61.03	60.21
		- 10	56.70	54.33	53.48	52.17	51.42	56.70	54.33	53.48	52.17	51.42
		- 12	53.17	50.93	50.11	48.86	48.15	53.17	50.93	50.11	48.86	48.15
		- 15	48.14	46.07	45.31	44.15	43.49	48.14	46.07	45.31	44.15	43.49
		- 17	44.96	43.00	42.28	41.18	40.56	44.96	43.00	42.28	41.18	40.56
		- 20	40.44	38.65	37.98	36.98	36.41	40.44	38.65	37.98	36.98	36.41
		- 25	-	-	-	-	-	-	-	-	-	-
		- 30	-	-	-	-	-	-	-	-	-	-
		- 35	-	-	-	-	-	-	-	-	-	-
	- 40	-	-	-	-	-	-	-	-	-	-	
	- 45	-	-	-	-	-	-	-	-	-	-	
	φ 50.8	- 5	66.10	64.38	64.01	63.32	62.97	66.10	64.38	64.01	63.32	62.97
		- 10	56.70	55.18	54.83	54.21	53.88	56.70	55.18	54.83	54.21	53.88
		- 12	53.17	51.73	51.40	50.80	50.49	53.17	51.73	51.40	50.80	50.49
		- 15	48.14	46.82	46.50	45.94	45.65	48.14	46.82	46.50	45.94	45.65
		- 17	44.96	43.71	43.41	42.87	42.59	44.96	43.71	43.41	42.87	42.59
- 20		40.44	39.30	39.02	38.53	38.27	40.44	39.30	39.02	38.53	38.27	
- 25		-	-	-	-	-	-	-	-	-	-	
- 30		-	-	-	-	-	-	-	-	-	-	
- 35		-	-	-	-	-	-	-	-	-	-	
- 40	-	-	-	-	-	-	-	-	-	-		
- 45	-	-	-	-	-	-	-	-	-	-		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

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	100m	0m	30m	50m	80m	100m	
ECV-EN300DCA + RM-N165A × 2	φ 44.45	- 5	92.9	87.0	84.5	80.9	78.9	92.9	87.0	84.5	80.9	78.9	
		- 10	79.7	74.4	72.2	69.0	67.2	79.7	74.4	72.2	69.0	67.2	
		- 12	74.7	69.7	67.6	64.6	62.9	74.7	69.7	67.6	64.6	62.9	
		- 15	67.6	63.0	61.0	58.3	56.7	67.6	63.0	61.0	58.3	56.7	
		- 17	63.2	58.8	56.9	54.3	52.9	63.2	58.8	56.9	54.3	52.9	
		- 20	56.8	52.8	51.1	48.7	47.4	56.8	52.8	51.1	48.7	47.4	
		- 25	47.2	43.8	42.4	40.4	39.3	47.2	43.8	42.4	40.4	39.3	
		- 30	38.8	36.0	34.8	33.1	32.2	38.8	36.0	34.8	33.1	32.2	
		- 35	31.6	29.3	28.3	27.0	26.2	31.6	29.3	28.3	27.0	26.2	
		- 40	25.5	23.7	23.0	21.9	21.3	25.5	23.7	23.0	21.9	21.3	
	- 45	20.7	19.3	18.7	17.9	17.5	20.7	19.3	18.7	17.9	17.5		
	φ 50.8 (標準寸法)	- 5	92.9	89.3	88.1	86.2	85.1	92.9	89.3	88.1	86.2	85.1	
		- 10	79.7	76.5	75.4	73.7	72.7	79.7	76.5	75.4	73.7	72.7	
		- 12	74.7	71.7	70.6	69.0	68.1	74.7	71.7	70.6	69.0	68.1	
		- 15	67.6	64.9	63.9	62.4	61.5	67.6	64.9	63.9	62.4	61.5	
		- 17	63.2	60.5	59.6	58.2	57.4	63.2	60.5	59.6	58.2	57.4	
		- 20	56.8	54.4	53.6	52.2	51.5	56.8	54.4	53.6	52.2	51.5	
		- 25	47.2	45.2	44.4	43.3	42.7	47.2	45.2	44.4	43.3	42.7	
		- 30	38.8	37.1	36.5	35.5	35.0	38.8	37.1	36.5	35.5	35.0	
		- 35	31.6	30.2	29.7	28.9	28.5	31.6	30.2	29.7	28.9	28.5	
		- 40	25.5	24.5	24.1	23.5	23.1	25.5	24.5	24.1	23.5	23.1	
	- 45	20.7	19.9	19.6	19.1	18.9	20.7	19.9	19.6	19.1	18.9		
	φ 53.98	- 5	92.9	90.0	89.2	87.8	87.0	92.9	90.0	89.2	87.8	87.0	
		- 10	79.7	77.1	76.3	75.1	74.4	79.7	77.1	76.3	75.1	74.4	
		- 12	74.7	72.3	71.5	70.4	69.7	74.7	72.3	71.5	70.4	69.7	
		- 15	67.6	65.4	64.7	63.6	63.0	67.6	65.4	64.7	63.6	63.0	
		- 17	63.2	61.0	60.4	59.3	58.8	63.2	61.0	60.4	59.3	58.8	
- 20		56.8	54.9	54.3	53.3	52.8	56.8	54.9	54.3	53.3	52.8		
- 25		47.2	45.5	45.0	44.2	43.8	47.2	45.5	45.0	44.2	43.8		
- 30		38.8	37.4	37.0	36.3	35.9	38.8	37.4	37.0	36.3	35.9		
- 35		31.6	30.4	30.1	29.5	29.2	31.6	30.4	30.1	29.5	29.2		
- 40		25.5	24.7	24.4	23.9	23.7	25.5	24.7	24.4	23.9	23.7		
- 45	20.7	20.0	19.8	19.5	19.3	20.7	20.0	19.8	19.5	19.3			
ECV-EN300DCA + RM-N185A × 2	φ 44.45	- 5	96.0	89.4	86.6	82.7	80.5	96.0	89.4	86.6	82.7	80.5	
		- 10	81.9	76.2	73.7	70.3	68.4	81.9	76.2	73.7	70.3	68.4	
		- 12	76.7	71.3	68.9	65.7	63.9	76.7	71.3	68.9	65.7	63.9	
		- 15	69.3	64.3	62.2	59.2	57.6	69.3	64.3	62.2	59.2	57.6	
		- 17	64.6	59.9	57.9	55.2	53.7	64.6	59.9	57.9	55.2	53.7	
		- 20	58.0	53.8	52.0	49.5	48.2	58.0	53.8	52.0	49.5	48.2	
		φ 50.8 (標準寸法)	- 5	96.0	92.1	90.7	88.5	87.2	96.0	92.1	90.7	88.5	87.2
			- 10	81.9	78.5	77.2	75.3	74.2	81.9	78.5	77.2	75.3	74.2
			- 12	76.7	73.4	72.2	70.4	69.4	76.7	73.4	72.2	70.4	69.4
			- 15	69.3	66.3	65.2	63.5	62.6	69.3	66.3	65.2	63.5	62.6
	- 17		64.6	61.8	60.8	59.2	58.4	64.6	61.8	60.8	59.2	58.4	
	- 20		58.0	55.5	54.6	53.2	52.4	58.0	55.5	54.6	53.2	52.4	
	φ 53.98		- 5	96.0	92.8	91.9	90.3	89.4	96.0	92.8	91.9	90.3	89.4
			- 10	81.9	79.1	78.3	76.9	76.1	81.9	79.1	78.3	76.9	76.1
			- 12	76.7	74.1	73.2	71.9	71.2	76.7	74.1	73.2	71.9	71.2
			- 15	69.3	66.9	66.1	64.9	64.2	69.3	66.9	66.1	64.9	64.2
		- 17	64.6	62.3	61.6	60.5	59.9	64.6	62.3	61.6	60.5	59.9	
		- 20	58.0	56.0	55.4	54.3	53.7	58.0	56.0	55.4	54.3	53.7	

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。







## (2) 全密閉形

### ●負荷計算の際、R404A 機的能力を換算する係数

蒸発温度 (°C)	-45	-40	-35	-30	-25	-20	-17	-15	-10	-5	0	+5	+10
換算係数 (%)	90.9	91.5	92.1	92.7	93.3	94.0	94.2	94.4	95.0	95.6	96.8	98.0	99.2

R404A 機のカatalog冷凍能力 (吸入ガス温度 18°C) は同容量 R22 機に比べて大きくなります。

しかし、実用上の能力 (スーパーヒート: 5 ~ 10) は蒸発温度に応じて小さくなりますので、換算係数を用いて補正してください。

以降ページも同様となります。

### (1) 屋外設置 一体空冷式

周囲温度: 35°C

形名	吸入配管径 (mm)	蒸発温度 (°C)	延長配管相当長別能力表 [kW]							
			50Hz				60Hz			
			0m	20m	30m	50m	0m	20m	30m	50m
ERA-RP06B (-BS・-BSG)	φ 9.52	-5	1.63	1.46	-	-	1.85	1.63	-	-
		-10	1.35	1.21	-	-	1.57	1.38	-	-
		-15	1.10	0.99	-	-	1.31	1.14	-	-
		-20	0.88	0.80	-	-	1.07	0.94	-	-
		-25	0.70	0.63	-	-	0.86	0.76	-	-
		-30	0.54	0.50	-	-	0.68	0.60	-	-
		-35	0.42	0.39	-	-	0.52	0.46	-	-
		-40	0.33	0.31	-	-	0.39	0.35	-	-
		-45	0.27	0.25	-	-	0.29	0.26	-	-
	φ 12.7 (標準寸法)	-5	1.63	1.58	-	-	1.85	1.79	-	-
		-10	1.35	1.31	-	-	1.57	1.51	-	-
		-15	1.10	1.07	-	-	1.31	1.26	-	-
		-20	0.88	0.86	-	-	1.07	1.03	-	-
		-25	0.70	0.68	-	-	0.86	0.83	-	-
		-30	0.54	0.53	-	-	0.68	0.66	-	-
		-35	0.42	0.41	-	-	0.52	0.51	-	-
		-40	0.33	0.32	-	-	0.39	0.38	-	-
		-45	0.27	0.26	-	-	0.29	0.28	-	-
	φ 15.88	-5	1.63	1.61	-	-	1.85	1.83	-	-
		-10	1.35	1.33	-	-	1.57	1.54	-	-
		-15	1.10	1.09	-	-	1.31	1.29	-	-
		-20	0.88	0.87	-	-	1.07	1.05	-	-
		-25	0.70	0.69	-	-	0.86	0.85	-	-
		-30	0.54	0.54	-	-	0.68	0.67	-	-
		-35	0.42	0.42	-	-	0.52	0.52	-	-
		-40	0.33	0.32	-	-	0.39	0.39	-	-
		-45	0.27	0.26	-	-	0.29	0.29	-	-
ERA-RP08B (-BS・-BSG)	φ 9.52	-5	2.18	1.82	1.70	-	2.49	2.01	1.85	-
		-10	1.81	1.52	1.41	-	2.08	1.68	1.55	-
		-15	1.48	1.25	1.17	-	1.72	1.39	1.28	-
		-20	1.20	1.02	0.95	-	1.40	1.14	1.06	-
		-25	0.96	0.82	0.77	-	1.13	0.93	0.87	-
		-30	0.76	0.66	0.62	-	0.91	0.76	0.71	-
		-35	0.61	0.54	0.51	-	0.74	0.63	0.59	-
		-40	0.50	0.45	0.43	-	0.62	0.54	0.52	-
		-45	0.43	0.41	0.41	-	0.54	0.51	0.50	-
	φ 12.7 (標準寸法)	-5	2.18	2.08	2.03	-	2.49	2.35	2.28	-
		-10	1.81	1.73	1.69	-	2.08	1.96	1.91	-
		-15	1.48	1.42	1.38	-	1.72	1.62	1.58	-
		-20	1.20	1.15	1.12	-	1.40	1.33	1.29	-
		-25	0.96	0.92	0.90	-	1.13	1.08	1.05	-
		-30	0.76	0.73	0.72	-	0.91	0.87	0.85	-
		-35	0.61	0.59	0.58	-	0.74	0.71	0.69	-
		-40	0.50	0.48	0.48	-	0.62	0.59	0.58	-
		-45	0.43	0.42	0.42	-	0.54	0.53	0.52	-
	φ 15.88	-5	2.18	2.14	2.12	-	2.49	2.43	2.40	-
		-10	1.81	1.78	1.76	-	2.08	2.03	2.01	-
		-15	1.48	1.46	1.44	-	1.72	1.68	1.66	-
		-20	1.20	1.18	1.17	-	1.40	1.37	1.36	-
		-25	0.96	0.94	0.93	-	1.13	1.11	1.10	-
		-30	0.76	0.75	0.74	-	0.91	0.90	0.89	-
		-35	0.61	0.60	0.59	-	0.74	0.73	0.72	-
		-40	0.50	0.49	0.49	-	0.62	0.61	0.60	-
		-45	0.43	0.43	0.43	-	0.54	0.53	0.53	-

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]							
			50Hz				60Hz			
			0m	20m	30m	50m	0m	20m	30m	50m
ERA-RP11B (-BS・-BSG)	φ 12.7	- 5	2.92	2.70	2.61	-	3.47	3.13	2.99	-
		- 10	2.43	2.25	2.17	-	2.90	2.62	2.51	-
		- 15	2.00	1.86	1.79	-	2.40	2.17	2.08	-
		- 20	1.63	1.52	1.46	-	1.97	1.78	1.70	-
		- 25	1.31	1.22	1.18	-	1.59	1.45	1.39	-
		- 30	1.05	0.98	0.95	-	1.28	1.17	1.13	-
		- 35	0.84	0.79	0.77	-	1.03	0.95	0.92	-
		- 40	0.68	0.65	0.63	-	0.85	0.79	0.77	-
		- 45	0.58	0.56	0.55	-	0.73	0.69	0.68	-
	φ 15.88 (標準寸法)	- 5	2.92	2.84	2.79	-	3.47	3.34	3.28	-
		- 10	2.43	2.36	2.33	-	2.90	2.80	2.75	-
		- 15	2.00	1.95	1.92	-	2.40	2.32	2.27	-
		- 20	1.63	1.59	1.56	-	1.97	1.90	1.86	-
		- 25	1.31	1.28	1.26	-	1.59	1.54	1.51	-
		- 30	1.05	1.02	1.01	-	1.28	1.24	1.22	-
		- 35	0.84	0.82	0.81	-	1.03	1.00	0.99	-
		- 40	0.68	0.67	0.66	-	0.85	0.83	0.82	-
		- 45	0.58	0.58	0.57	-	0.73	0.72	0.71	-
	φ 19.05	- 5	2.92	2.87	2.85	-	3.47	3.41	3.37	-
		- 10	2.43	2.40	2.38	-	2.90	2.85	2.82	-
		- 15	2.00	1.98	1.96	-	2.40	2.36	2.34	-
		- 20	1.63	1.61	1.59	-	1.97	1.93	1.91	-
		- 25	1.31	1.29	1.28	-	1.59	1.56	1.55	-
		- 30	1.05	1.03	1.03	-	1.28	1.26	1.25	-
		- 35	0.84	0.83	0.82	-	1.03	1.02	1.01	-
		- 40	0.68	0.68	0.67	-	0.85	0.84	0.83	-
		- 45	0.58	0.58	0.58	-	0.73	0.72	0.72	-
ERA-RP15B (-BS・-BSG)	φ 15.88	- 5	4.21	3.98	3.87	3.72	4.98	4.62	4.46	4.24
		- 10	3.57	3.37	3.27	3.15	4.22	3.92	3.78	3.58
		- 15	2.99	2.82	2.74	2.63	3.54	3.28	3.17	3.00
		- 20	2.48	2.33	2.26	2.17	2.93	2.72	2.62	2.48
		- 25	2.02	1.90	1.85	1.78	2.40	2.22	2.14	2.03
		- 30	1.63	1.53	1.49	1.44	1.93	1.80	1.73	1.64
		- 35	1.31	1.23	1.19	1.15	1.54	1.44	1.39	1.32
		- 40	1.04	0.98	0.95	0.92	1.21	1.14	1.11	1.06
		- 45	0.77	0.73	0.71	0.69	0.88	0.82	0.79	0.76
	φ 19.05 (標準寸法)	- 5	4.21	4.12	4.03	3.97	4.98	4.84	4.71	4.61
		- 10	3.57	3.49	3.42	3.36	4.22	4.10	4.00	3.90
		- 15	2.99	2.91	2.86	2.82	3.54	3.43	3.35	3.27
		- 20	2.48	2.41	2.37	2.33	2.93	2.85	2.77	2.70
		- 25	2.02	1.97	1.94	1.91	2.40	2.33	2.26	2.21
		- 30	1.63	1.59	1.57	1.54	1.93	1.88	1.82	1.78
		- 35	1.31	1.27	1.25	1.23	1.54	1.50	1.45	1.42
		- 40	1.04	1.01	1.00	0.99	1.21	1.19	1.15	1.13
		- 45	0.77	0.75	0.74	0.73	0.88	0.85	0.84	0.82
	φ 22.22	- 5	4.21	4.14	4.11	4.10	4.98	4.89	4.84	4.81
		- 10	3.57	3.51	3.48	3.47	4.22	4.15	4.11	4.08
		- 15	2.99	2.94	2.92	2.90	3.54	3.48	3.45	3.42
		- 20	2.48	2.43	2.41	2.40	2.93	2.89	2.86	2.83
		- 25	2.02	1.99	1.97	1.96	2.40	2.36	2.33	2.32
		- 30	1.63	1.60	1.59	1.58	1.93	1.90	1.88	1.87
		- 35	1.31	1.28	1.27	1.26	1.54	1.52	1.50	1.49
		- 40	1.04	1.01	1.01	1.00	1.21	1.19	1.18	1.18
		- 45	0.77	0.76	0.75	0.75	0.88	0.86	0.85	0.85

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。



形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]							
			50Hz				60Hz			
			0m	20m	30m	50m	0m	20m	30m	50m
ERA-RP22A (-BS)	φ 15.88	- 5	5.56	5.07	4.86	4.56	6.52	5.78	5.49	5.06
		- 10	4.70	4.28	4.10	3.85	5.52	4.88	4.63	4.27
		- 15	3.93	3.58	3.43	3.21	4.62	4.08	3.87	3.57
		- 20	3.25	2.96	2.84	2.66	3.83	3.38	3.21	2.96
		- 25	2.66	2.42	2.33	2.19	3.14	2.78	2.63	2.44
		- 30	2.16	1.97	1.90	1.79	2.56	2.26	2.15	2.00
		- 35	1.76	1.61	1.55	1.46	2.08	1.85	1.76	1.64
		- 40	1.44	1.32	1.28	1.22	1.63	1.46	1.39	1.31
		- 45	1.20	1.13	1.09	1.05	1.42	1.31	1.26	1.21
	φ 19.05 (標準寸法)	- 5	5.56	5.37	5.21	5.06	6.52	6.22	5.99	5.76
		- 10	4.70	4.53	4.40	4.27	5.52	5.24	5.06	4.86
		- 15	3.93	3.77	3.67	3.57	4.62	4.37	4.24	4.07
		- 20	3.25	3.12	3.04	2.95	3.83	3.63	3.51	3.37
		- 25	2.66	2.56	2.49	2.42	3.14	2.98	2.88	2.77
		- 30	2.16	2.08	2.03	1.97	2.56	2.42	2.36	2.27
		- 35	1.76	1.69	1.65	1.61	2.08	1.97	1.92	1.86
		- 40	1.44	1.38	1.36	1.33	1.63	1.54	1.52	1.47
		- 45	1.20	1.17	1.15	1.12	1.42	1.38	1.33	1.30
	φ 22.22	- 5	5.56	5.45	5.38	5.33	6.52	6.35	6.26	6.17
		- 10	4.70	4.60	4.55	4.50	5.52	5.37	5.29	5.21
		- 15	3.93	3.84	3.80	3.76	4.62	4.49	4.43	4.36
		- 20	3.25	3.18	3.14	3.11	3.83	3.72	3.66	3.61
		- 25	2.66	2.60	2.57	2.54	3.14	3.05	3.00	2.96
		- 30	2.16	2.11	2.09	2.07	2.56	2.48	2.44	2.41
		- 35	1.76	1.71	1.69	1.68	2.08	2.01	1.99	1.96
		- 40	1.44	1.40	1.39	1.38	1.63	1.57	1.55	1.54
		- 45	1.20	1.18	1.17	1.17	1.42	1.39	1.38	1.36
ERA-RP08HB (-BS・-BSG)	φ 9.52	10	3.25	2.86	2.70	-	3.59	3.11	2.92	-
		5	2.89	2.51	2.35	-	3.22	2.74	2.55	-
		0	2.53	2.16	2.02	-	2.85	2.37	2.19	-
		- 5	2.17	1.83	1.70	-	2.47	2.01	1.85	-
	φ 12.7 (標準寸法)	10	3.25	3.15	3.09	-	3.59	3.46	3.40	-
		5	2.89	2.78	2.73	-	3.22	3.09	3.03	-
		0	2.53	2.43	2.38	-	2.85	2.72	2.66	-
		- 5	2.17	2.08	2.03	-	2.47	2.35	2.28	-
	φ 15.88	10	3.25	3.20	3.18	-	3.59	3.53	3.50	-
		5	2.89	2.84	2.82	-	3.22	3.17	3.14	-
		0	2.53	2.48	2.46	-	2.85	2.80	2.77	-
		- 5	2.17	2.13	2.11	-	2.47	2.42	2.39	-
ERA-RP15HA (-BS・-BSG)	φ 15.88	10	6.90	6.54	6.37	6.13	8.08	7.55	7.30	6.93
		5	6.06	5.71	5.54	5.30	7.14	6.59	6.34	5.97
		0	5.19	4.85	4.69	4.46	6.13	5.59	5.35	5.01
		- 5	4.29	3.98	3.84	3.64	5.05	4.56	4.35	4.04
		- 10	3.35	3.10	2.98	2.82	3.90	3.50	3.33	3.10
	φ 19.05 (標準寸法)	10	6.90	6.74	6.65	6.56	8.08	7.84	7.72	7.58
		5	6.06	5.90	5.81	5.72	7.14	6.89	6.77	6.61
		0	5.19	5.04	4.96	4.87	6.13	5.89	5.77	5.61
		- 5	4.29	4.15	4.08	3.99	5.05	4.83	4.72	4.58
		- 10	3.35	3.24	3.18	3.11	3.90	3.72	3.63	3.51
	φ 22.2	10	6.90	6.80	6.74	6.72	8.08	7.94	7.86	7.81
		5	6.06	5.97	5.91	5.88	7.14	7.00	6.92	6.86
0		5.19	5.10	5.05	5.02	6.13	5.99	5.92	5.85	
- 5		4.29	4.21	4.16	4.13	5.05	4.92	4.86	4.80	
- 10		3.35	3.29	3.25	3.22	3.90	3.80	3.75	3.69	
ERA-RP22HA (-BS・-BSG)	φ 15.88	10	8.88	8.06	7.72	7.23	10.45	9.22	8.74	8.05
		5	7.61	6.92	6.63	6.22	8.99	7.94	7.52	6.93
		0	6.49	5.91	5.66	5.32	7.68	6.78	6.42	5.92
		- 5	5.50	5.02	4.82	4.54	6.31	5.61	5.34	4.99
		- 10	4.65	4.27	4.10	3.87	5.46	4.84	4.59	4.24
	φ 19.05 (標準寸法)	10	8.88	8.50	8.32	8.09	10.45	9.89	9.63	9.27
		5	7.61	7.30	7.14	6.95	8.99	8.51	8.28	7.97
		0	6.49	6.22	6.09	5.93	7.68	7.27	7.07	6.81
		- 5	5.50	5.28	5.18	5.04	6.31	6.00	5.86	5.71
		- 10	4.65	4.48	4.39	4.28	5.46	5.17	5.04	4.86
	φ 22.22	10	8.88	8.67	8.56	8.45	10.45	10.14	9.99	9.81
		5	7.61	7.44	7.34	7.25	8.99	8.73	8.59	8.44
		0	6.49	6.34	6.26	6.19	7.68	7.45	7.34	7.21
		- 5	5.50	5.38	5.31	5.25	6.31	6.15	6.06	5.98
		- 10	4.65	4.55	4.50	4.45	5.46	5.30	5.22	5.14

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

## (2) 屋内設置 空冷式

周囲温度：35℃

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]			
			50Hz		60Hz	
			0m	10m	0m	10m
M9A-03LAB	φ 9.52	- 5	0.72	0.71	0.81	0.80
		- 10	0.61	0.60	0.69	0.68
		- 15	0.51	0.50	0.57	0.56
		- 20	0.42	0.41	0.46	0.45
		- 25	0.34	0.33	0.37	0.36
		- 30	0.26	0.26	0.29	0.28
M9A-04LAB	φ 9.52	- 5	0.87	0.86	0.98	0.96
		- 10	0.74	0.73	0.84	0.82
		- 15	0.62	0.61	0.70	0.68
		- 20	0.50	0.49	0.57	0.56
		- 25	0.40	0.39	0.46	0.45
		- 30	0.31	0.30	0.35	0.34
M9A-04LATB	φ 9.52	- 5	0.87	0.85	0.99	0.97
		- 10	0.74	0.73	0.84	0.82
		- 15	0.63	0.62	0.70	0.68
		- 20	0.51	0.50	0.57	0.56
		- 25	0.41	0.40	0.46	0.45
		- 30	0.32	0.32	0.35	0.34
M9A-E06LATA	φ 12.7	- 5	1.49	1.47	1.79	1.77
		- 10	1.26	1.25	1.53	1.51
		- 15	1.08	1.07	1.30	1.28
		- 20	0.92	0.91	1.10	1.08
		- 25	0.75	0.74	0.91	0.90
		- 30	0.62	0.61	0.74	0.73
		- 35	0.50	0.50	0.61	0.60
		- 40	0.43	0.43	0.51	0.51
		- 45	0.37	0.37	0.46	0.46
M9A-E08LATA	φ 12.7	- 5	1.81	1.77	2.14	2.08
		- 10	1.54	1.51	1.82	1.77
		- 15	1.30	1.27	1.54	1.49
		- 20	1.08	1.05	1.28	1.24
		- 25	0.88	0.86	1.06	1.02
		- 30	0.71	0.69	0.86	0.83
		- 35	0.56	0.55	0.69	0.67
		- 40	0.44	0.43	0.55	0.53
		- 45	0.34	0.33	0.44	0.43
M9A-E11LATA	φ 12.7	- 5	2.27	2.20	2.68	2.57
		- 10	1.91	1.86	2.27	2.18
		- 15	1.60	1.55	1.90	1.82
		- 20	1.31	1.27	1.58	1.51
		- 25	1.06	1.03	1.29	1.24
		- 30	0.84	0.82	1.06	1.01
		- 35	0.66	0.64	0.82	0.79
		- 40	0.51	0.50	0.66	0.64
		- 45	0.39	0.38	0.54	0.53

### (3) 屋内設置 水冷式

凝縮温度：40℃

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]			
			50Hz		60Hz	
			0m	10m	0m	10m
M9W-04LATB	φ 9.52	-5	1.09	1.06	1.20	1.16
		-10	0.90	0.87	1.00	0.97
		-15	0.73	0.71	0.80	0.77
		-20	0.57	0.55	0.64	0.62
		-25	0.46	0.45	0.50	0.49
		-30	0.38	0.37	0.43	0.42
M9W-E06LATA	φ 12.7	-5	1.82	1.77	2.20	2.14
		-10	1.50	1.46	1.80	1.75
		-15	1.20	1.18	1.43	1.39
		-20	0.98	0.97	1.19	1.16
		-25	0.79	0.78	0.95	0.93
		-30	0.65	0.64	0.78	0.76
		-35	0.53	0.52	0.63	0.62
		-40	0.46	0.45	0.53	0.52
-45	0.40	0.39	0.43	0.42		
M9W-E08LATA	φ 12.7	-5	2.10	2.03	2.50	2.40
		-10	1.75	1.70	2.09	2.00
		-15	1.44	1.40	1.72	1.65
		-20	1.17	1.14	1.40	1.34
		-25	0.94	0.91	1.12	1.08
		-30	0.74	0.73	0.89	0.86
		-35	0.59	0.58	0.71	0.68
		-40	0.47	0.46	0.57	0.55
-45	0.40	0.39	0.48	0.47		
M9W-E11LATA	φ 12.7	-5	2.91	2.79	3.40	3.21
		-10	2.47	2.37	2.89	2.73
		-15	2.07	1.98	2.42	2.28
		-20	1.71	1.63	2.00	1.89
		-25	1.40	1.34	1.64	1.55
		-30	1.12	1.07	1.32	1.25
		-35	0.90	0.86	1.05	1.01
		-40	0.71	0.69	0.83	0.80
-45	0.57	0.55	0.67	0.65		
M9W-E15LATA	φ 15.88	-5	3.70	3.60	4.33	4.17
		-10	3.17	3.07	3.72	3.57
		-15	2.68	2.60	3.15	3.02
		-20	2.24	2.17	2.65	2.53
		-25	1.85	1.79	2.19	2.10
		-30	1.52	1.47	1.80	1.72
		-35	1.23	1.19	1.46	1.39
		-40	0.99	0.96	1.17	1.12
-45	0.80	0.78	0.94	0.90		

### 〈3〉スクロール形 (R404A)

#### ●負荷計算の際、R404A 機の能力を換算する係数

蒸発温度 (°C)	-45	-40	-35	-30	-25	-20	-17	-15	-10	-5	0	+5	+10
換算係数 (%)	90.9	91.5	92.1	92.7	93.3	94.0	94.2	94.4	95.0	95.6	96.8	98.0	99.2

R404A 機のカatalog冷凍能力 (吸入ガス温度 18°C) は同容量 R22 機に比べて大きくなります。

しかし、実用上の能力 (スーパーヒート: 5 ~ 10) は蒸発温度に応じて小さくなりますので、換算係数を用いて補正してください。

以降ページも同様となります。

#### (1) リモート空冷式 インバータ

周囲温度: 35°C

形名	吸入配管径 (mm)	蒸発温度 (°C)	延長配管相当長別能力表 [kW]									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ERV-EP45A1+RM-P55A1 出力周波数 70Hz	φ 22.22	-5	17.35	14.27	13.07	-	-	17.35	14.27	13.07	-	-
		-10	14.55	11.99	10.98	-	-	14.55	11.99	10.98	-	-
		-12	13.52	11.15	10.22	-	-	13.52	11.15	10.22	-	-
		-15	12.07	9.98	9.16	-	-	12.07	9.98	9.16	-	-
		-17	11.17	9.25	8.50	-	-	11.17	9.25	8.50	-	-
		-20	9.91	8.24	7.58	-	-	9.91	8.24	7.58	-	-
	φ 25.4 (標準寸法)	-5	17.35	15.39	14.54	-	-	17.35	15.39	14.54	-	-
		-10	14.55	12.91	12.20	-	-	14.55	12.91	12.20	-	-
		-12	13.52	12.00	11.34	-	-	13.52	12.00	11.34	-	-
		-15	12.07	10.72	10.14	-	-	12.07	10.72	10.14	-	-
		-17	11.17	9.93	9.40	-	-	11.17	9.93	9.40	-	-
		-20	9.91	8.83	8.37	-	-	9.91	8.83	8.37	-	-
	φ 28.58	-5	17.35	16.27	15.81	-	-	17.35	16.27	15.81	-	-
		-10	14.55	13.65	13.27	-	-	14.55	13.65	13.27	-	-
		-12	13.52	12.69	12.34	-	-	13.52	12.69	12.34	-	-
		-15	12.07	11.34	11.03	-	-	12.07	11.34	11.03	-	-
		-17	11.17	10.50	10.22	-	-	11.17	10.50	10.22	-	-
		-20	9.91	9.33	9.09	-	-	9.91	9.33	9.09	-	-

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

## (2) リモート空冷式

周囲温度：35℃

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]										
			50Hz					60Hz					
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m	
ER-EP22A+RM-P30A1	φ 15.88	-5	6.65	5.68	5.25	-	-	7.90	6.41	5.82	-	-	
		-10	5.76	4.82	4.45	-	-	6.82	5.47	4.96	-	-	
		-12	5.40	4.50	4.15	-	-	6.38	5.12	4.64	-	-	
		-15	4.87	4.05	3.73	-	-	5.73	4.63	4.19	-	-	
		-17	4.51	3.77	3.47	-	-	5.38	4.32	3.90	-	-	
		-20	3.97	3.37	3.11	-	-	4.84	3.88	3.50	-	-	
		-25	3.27	2.78	2.57	-	-	4.05	3.22	2.90	-	-	
		-30	2.71	2.28	2.11	-	-	3.46	2.64	2.38	-	-	
		-35	2.24	1.86	1.73	-	-	2.86	2.15	1.94	-	-	
		-40	1.89	1.57	1.46	-	-	2.32	1.74	1.57	-	-	
		-45	1.55	1.29	1.20	-	-	1.79	1.41	1.28	-	-	
		φ 19.05 (標準寸法)	-5	6.65	6.24	6.02	-	-	7.90	7.18	6.87	-	-
	-10		5.76	5.30	5.11	-	-	6.82	6.16	5.88	-	-	
	-12		5.40	4.95	4.77	-	-	6.38	5.78	5.51	-	-	
	-15		4.87	4.45	4.30	-	-	5.73	5.23	4.99	-	-	
	-17		4.51	4.14	4.00	-	-	5.38	4.89	4.65	-	-	
	-20		3.97	3.71	3.58	-	-	4.84	4.40	4.18	-	-	
	-25		3.27	3.06	2.95	-	-	4.05	3.66	3.48	-	-	
	-30		2.71	2.50	2.41	-	-	3.46	3.01	2.86	-	-	
	-35		2.24	2.04	1.97	-	-	2.86	2.45	2.33	-	-	
	-40		1.89	1.67	1.62	-	-	2.32	1.98	1.88	-	-	
	-45		1.55	1.40	1.36	-	-	1.79	1.60	1.52	-	-	
	φ 22.22		-5	6.65	6.46	6.37	-	-	7.90	7.51	7.37	-	-
		-10	5.76	5.49	5.41	-	-	6.82	6.45	6.33	-	-	
		-12	5.40	5.13	5.06	-	-	6.38	6.06	5.93	-	-	
		-15	4.87	4.62	4.55	-	-	5.73	5.49	5.38	-	-	
		-17	4.51	4.30	4.24	-	-	5.38	5.13	5.03	-	-	
		-20	3.97	3.85	3.79	-	-	4.84	4.62	4.52	-	-	
		-25	3.27	3.17	3.13	-	-	4.05	3.85	3.77	-	-	
		-30	2.71	2.59	2.56	-	-	3.46	3.17	3.10	-	-	
		-35	2.24	2.11	2.08	-	-	2.86	2.62	2.56	-	-	
		-40	1.89	1.78	1.76	-	-	2.32	2.13	2.08	-	-	
		-45	1.55	1.44	1.42	-	-	1.79	1.64	1.60	-	-	
		ER-EP30A+RM-P30A1 (注1)	φ 22.22	-5	8.76	8.40	8.20	-	-	9.86	9.30	9.03	-
	-10			7.78	7.24	7.06	-	-	8.64	8.04	7.79	-	-
	-12			7.31	6.81	6.64	-	-	8.15	7.56	7.32	-	-
-15	6.60			6.19	6.02	-	-	7.42	6.88	6.66	-	-	
-17	6.17			5.79	5.63	-	-	6.98	6.45	6.23	-	-	
-20	5.53			5.23	5.08	-	-	6.32	5.84	5.63	-	-	
-25	4.57			4.36	4.23	-	-	5.31	4.90	4.72	-	-	
-30	3.78			3.59	3.48	-	-	4.31	4.07	3.92	-	-	
-35	3.12			2.91	2.82	-	-	3.54	3.35	3.22	-	-	
-40	2.52			2.32	2.25	-	-	2.99	2.73	2.62	-	-	
-45	1.93			1.83	1.77	-	-	2.43	2.22	2.13	-	-	
φ 25.4 (標準寸法)	-5			8.76	8.58	8.49	-	-	9.86	9.56	9.42	-	-
	-10		7.78	7.41	7.33	-	-	8.64	8.27	8.14	-	-	
	-12		7.31	6.97	6.89	-	-	8.15	7.78	7.66	-	-	
	-15		6.60	6.34	6.26	-	-	7.42	7.09	6.97	-	-	
	-17		6.17	5.94	5.86	-	-	6.98	6.65	6.54	-	-	
	-20		5.53	5.36	5.29	-	-	6.32	6.02	5.92	-	-	
	-25		4.57	4.48	4.41	-	-	5.31	5.06	4.97	-	-	
	-30		3.78	3.69	3.63	-	-	4.31	4.21	4.13	-	-	
	-35		3.12	2.99	2.95	-	-	3.54	3.47	3.40	-	-	
	-40		2.52	2.39	2.35	-	-	2.99	2.83	2.77	-	-	
	-45		1.93	1.88	1.85	-	-	2.43	2.30	2.26	-	-	
	φ 28.58		-5	8.76	8.68	8.65	-	-	9.86	9.69	9.65	-	-
-10			7.78	7.50	7.48	-	-	8.64	8.39	8.35	-	-	
-12			7.31	7.06	7.03	-	-	8.15	7.91	7.86	-	-	
-15			6.60	6.42	6.40	-	-	7.42	7.20	7.16	-	-	
-17			6.17	6.02	5.99	-	-	6.98	6.76	6.72	-	-	
-20			5.53	5.44	5.41	-	-	6.32	6.12	6.08	-	-	
-25			4.57	4.54	4.52	-	-	5.31	5.15	5.11	-	-	
-30			3.78	3.74	3.72	-	-	4.31	4.29	4.26	-	-	
-35			3.12	3.04	3.02	-	-	3.54	3.53	3.51	-	-	
-40			2.52	2.43	2.41	-	-	2.99	2.89	2.86	-	-	
-45			1.93	1.90	1.89	-	-	2.43	2.35	2.33	-	-	

注1. 蒸発温度 -20℃以上で使用される場合は空冷コンデンサは1ランクアップします。

注2. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ER-EP37A+RM-P37A1 (注1)	φ 22.22	-5	11.07	10.23	9.85	-	-	12.94	11.76	11.17	-	-
		-10	9.60	8.77	8.42	-	-	11.33	10.10	9.57	-	-
		-12	9.01	8.22	7.89	-	-	10.68	9.47	8.97	-	-
		-15	8.13	7.44	7.13	-	-	9.72	8.58	8.11	-	-
		-17	7.61	6.94	6.65	-	-	9.07	8.02	7.57	-	-
		-20	6.83	6.24	5.97	-	-	8.10	7.21	6.80	-	-
		-25	5.64	5.16	4.93	-	-	6.71	5.98	5.64	-	-
		-30	4.62	4.21	4.02	-	-	5.45	4.90	4.61	-	-
		-35	3.77	3.39	3.24	-	-	4.42	3.96	3.72	-	-
	-40	3.04	2.69	2.57	-	-	3.60	3.15	2.96	-	-	
	-45	2.31	2.11	2.02	-	-	2.78	2.47	2.33	-	-	
	φ 25.4 (標準寸法)	-5	11.07	10.59	10.39	-	-	12.94	12.30	11.97	-	-
		-10	9.60	9.09	8.91	-	-	11.33	10.58	10.29	-	-
		-12	9.01	8.53	8.35	-	-	10.68	9.94	9.65	-	-
		-15	8.13	7.72	7.55	-	-	9.72	9.01	8.74	-	-
		-17	7.61	7.21	7.05	-	-	9.07	8.43	8.17	-	-
		-20	6.83	6.48	6.33	-	-	8.10	7.59	7.35	-	-
		-25	5.64	5.37	5.24	-	-	6.71	6.31	6.10	-	-
		-30	4.62	4.38	4.28	-	-	5.45	5.17	5.00	-	-
		-35	3.77	3.53	3.44	-	-	4.42	4.18	4.04	-	-
	-40	3.04	2.80	2.73	-	-	3.60	3.33	3.21	-	-	
	-45	2.31	2.19	2.14	-	-	2.78	2.61	2.53	-	-	
	φ 28.58	-5	11.07	10.79	10.71	-	-	12.94	12.61	12.46	-	-
		-10	9.60	9.27	9.19	-	-	11.33	10.87	10.73	-	-
		-12	9.01	8.70	8.63	-	-	10.68	10.21	10.08	-	-
		-15	8.13	7.88	7.81	-	-	9.72	9.27	9.14	-	-
		-17	7.61	7.36	7.29	-	-	9.07	8.67	8.55	-	-
-20		6.83	6.62	6.56	-	-	8.10	7.81	7.70	-	-	
-25		5.64	5.49	5.43	-	-	6.71	6.50	6.40	-	-	
-30		4.62	4.49	4.44	-	-	5.45	5.34	5.25	-	-	
-35		3.77	3.61	3.57	-	-	4.42	4.31	4.24	-	-	
-40	3.04	2.86	2.83	-	-	3.60	3.43	3.38	-	-		
-45	2.31	2.24	2.22	-	-	2.78	2.69	2.65	-	-		
ER-EP45A+RM-P45A1 (注1)	φ 22.22	-5	13.80	12.32	11.62	-	-	16.64	14.18	13.10	-	-
		-10	12.00	10.52	9.90	-	-	14.40	12.05	11.11	-	-
		-12	11.28	9.85	9.27	-	-	13.51	11.26	10.38	-	-
		-15	10.20	8.89	8.36	-	-	12.16	10.14	9.34	-	-
		-17	9.48	8.29	7.79	-	-	11.32	9.44	8.69	-	-
		-20	8.39	7.44	6.98	-	-	10.06	8.44	7.77	-	-
		-25	6.93	6.16	5.78	-	-	8.28	6.96	6.41	-	-
		-30	5.69	5.05	4.73	-	-	6.70	5.68	5.23	-	-
		-35	4.79	4.10	3.85	-	-	5.47	4.61	4.25	-	-
	-40	3.89	3.32	3.12	-	-	4.53	3.73	3.45	-	-	
	-45	2.99	2.70	2.54	-	-	3.59	3.05	2.84	-	-	
	φ 25.4 (標準寸法)	-5	13.80	12.97	12.57	-	-	16.64	15.23	14.54	-	-
		-10	12.00	11.09	10.73	-	-	14.40	12.96	12.36	-	-
		-12	11.28	10.39	10.05	-	-	13.51	12.12	11.55	-	-
		-15	10.20	9.39	9.07	-	-	12.16	10.92	10.40	-	-
		-17	9.48	8.76	8.46	-	-	11.32	10.17	9.68	-	-
		-20	8.39	7.87	7.59	-	-	10.06	9.10	8.66	-	-
		-25	6.93	6.52	6.29	-	-	8.28	7.50	7.14	-	-
		-30	5.69	5.34	5.15	-	-	6.70	6.12	5.83	-	-
		-35	4.79	4.34	4.19	-	-	5.47	4.96	4.72	-	-
	-40	3.89	3.51	3.39	-	-	4.53	4.00	3.82	-	-	
	-45	2.99	2.84	2.75	-	-	3.59	3.25	3.12	-	-	
	φ 28.58	-5	13.80	13.36	13.16	-	-	16.64	15.88	15.51	-	-
		-10	12.00	11.44	11.26	-	-	14.40	13.53	13.21	-	-
		-12	11.28	10.72	10.55	-	-	13.51	12.66	12.35	-	-
		-15	10.20	9.69	9.54	-	-	12.16	11.42	11.14	-	-
		-17	9.48	9.04	8.90	-	-	11.32	10.63	10.37	-	-
-20		8.39	8.13	7.99	-	-	10.06	9.52	9.28	-	-	
-25		6.93	6.74	6.62	-	-	8.28	7.85	7.66	-	-	
-30		5.69	5.52	5.43	-	-	6.70	6.41	6.25	-	-	
-35		4.79	4.49	4.41	-	-	5.47	5.18	5.05	-	-	
-40	3.89	3.62	3.56	-	-	4.53	4.17	4.07	-	-		
-45	2.99	2.93	2.89	-	-	3.59	3.38	3.31	-	-		

注1. 蒸発温度 -20℃以上で使用される場合は空冷コンデンサは1ランクアップします。  
 注2. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ER-EP55A1+RM-P55A1 (注1)	φ 28.58	-5	18.03	16.95	16.49	15.85	15.48	20.25	18.80	18.18	17.32	16.84
		-10	15.36	14.43	14.03	13.47	13.15	17.28	16.05	15.50	14.75	14.33
		-12	14.40	13.50	13.12	12.59	12.29	16.23	15.02	14.50	13.79	13.40
		-15	12.97	12.17	11.82	11.34	11.07	14.66	13.57	13.09	12.44	12.08
		-17	12.10	11.33	11.01	10.55	10.30	13.73	12.65	12.20	11.59	11.26
		-20	10.82	10.15	9.86	9.45	9.22	12.29	11.36	10.95	10.40	10.10
		-25	8.92	8.38	8.14	7.80	7.61	10.20	9.42	9.08	8.62	8.37
		-30	7.28	6.85	6.65	6.38	6.23	8.40	7.75	7.47	7.09	6.89
		-35	5.88	5.56	5.41	5.20	5.08	6.87	6.34	6.12	5.82	5.65
		-40	4.76	4.52	4.40	4.24	4.14	5.66	5.20	5.02	4.79	4.66
	-45	3.87	3.72	3.63	3.51	3.43	4.68	4.32	4.19	4.00	3.90	
	φ 31.75 (標準寸法)	-5	18.03	17.48	17.33	17.06	16.92	20.25	19.54	19.31	18.95	18.74
		-10	15.36	14.89	14.74	14.50	14.37	17.28	16.68	16.47	16.13	15.94
		-12	14.40	13.92	13.78	13.55	13.42	16.23	15.62	15.41	15.09	14.91
		-15	12.97	12.55	12.41	12.20	12.07	14.66	14.10	13.91	13.61	13.43
		-17	12.10	11.68	11.55	11.35	11.23	13.73	13.15	12.96	12.67	12.51
		-20	10.82	10.46	10.34	10.15	10.04	12.29	11.80	11.63	11.36	11.20
		-25	8.92	8.63	8.52	8.36	8.26	10.20	9.78	9.63	9.39	9.26
		-30	7.28	7.05	6.96	6.82	6.74	8.40	8.03	7.90	7.70	7.59
		-35	5.88	5.71	5.64	5.52	5.46	6.87	6.56	6.45	6.29	6.19
		-40	4.76	4.63	4.58	4.48	4.43	5.66	5.37	5.28	5.14	5.07
	-45	3.87	3.80	3.76	3.69	3.65	4.68	4.45	4.38	4.27	4.21	
	φ 34.92	-5	18.03	17.52	17.40	17.18	17.06	20.25	19.59	19.39	19.07	18.90
		-10	15.36	14.94	14.83	14.63	14.53	17.28	16.74	16.57	16.28	16.13
		-12	14.40	13.97	13.87	13.68	13.58	16.23	15.68	15.51	15.24	15.10
		-15	12.97	12.60	12.50	12.33	12.24	14.66	14.17	14.01	13.77	13.63
		-17	12.10	11.74	11.65	11.49	11.40	13.73	13.21	13.07	12.84	12.71
		-20	10.82	10.52	10.43	10.29	10.21	12.29	11.87	11.74	11.53	11.41
		-25	8.92	8.68	8.61	8.49	8.43	10.20	9.85	9.74	9.56	9.46
		-30	7.28	7.10	7.04	6.94	6.89	8.40	8.10	8.01	7.86	7.78
-35		5.88	5.76	5.72	5.64	5.60	6.87	6.63	6.55	6.44	6.37	
-40		4.76	4.67	4.64	4.58	4.55	5.66	5.42	5.37	5.27	5.22	
-45	3.87	3.84	3.81	3.77	3.75	4.68	4.49	4.45	4.38	4.34		

注 1. 蒸発温度 -20℃以上で使用される場合は空冷コンデンサは 1 ランクアップします。  
 注 2. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

### (3) リモート水冷式 インバータ

凝縮温度：40℃

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ERV-EP45A1+RMW-P75A 出力周波数 70Hz	φ 22.22	- 5	18.99	15.13	13.69	-	-	18.99	15.13	13.69	-	-
		- 10	15.87	12.66	11.47	-	-	15.87	12.66	11.47	-	-
		- 12	14.72	11.75	10.65	-	-	14.72	11.75	10.65	-	-
		- 15	13.10	10.48	9.51	-	-	13.10	10.48	9.51	-	-
		- 17	12.09	9.70	8.80	-	-	12.09	9.70	8.80	-	-
		- 20	10.68	8.60	7.82	-	-	10.68	8.60	7.82	-	-
	φ 25.4 (標準寸法)	- 5	18.99	16.72	15.74	-	-	18.99	16.72	15.74	-	-
		- 10	15.87	13.98	13.17	-	-	15.87	13.98	13.17	-	-
		- 12	14.72	12.97	12.22	-	-	14.72	12.97	12.22	-	-
		- 15	13.10	11.56	10.90	-	-	13.10	11.56	10.90	-	-
		- 17	12.09	10.68	10.07	-	-	12.09	10.68	10.07	-	-
		- 20	10.68	9.45	8.93	-	-	10.68	9.45	8.93	-	-
	φ 28.58	- 5	18.99	17.61	17.01	-	-	18.99	17.61	17.01	-	-
		- 10	15.87	14.72	14.23	-	-	15.87	14.72	14.23	-	-
		- 12	14.72	13.66	13.21	-	-	14.72	13.66	13.21	-	-
		- 15	13.10	12.17	11.76	-	-	13.10	12.17	11.76	-	-
		- 17	12.09	11.23	10.87	-	-	12.09	11.23	10.87	-	-
		- 20	10.68	9.93	9.62	-	-	10.68	9.93	9.62	-	-

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。



### (4) リモート水冷式

凝縮温度：40℃

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ER-EP22A+RMW-P30A	φ 15.88	- 5	7.98	6.37	5.77	-	-	9.41	7.06	6.26	-	-
		- 10	6.76	5.39	4.87	-	-	7.98	5.97	5.29	-	-
		- 12	6.30	5.02	4.54	-	-	7.45	5.57	4.93	-	-
		- 15	5.66	4.51	4.08	-	-	6.70	5.00	4.43	-	-
		- 17	5.26	4.19	3.79	-	-	6.23	4.65	4.12	-	-
		- 20	4.69	3.74	3.39	-	-	5.57	4.16	3.69	-	-
		- 25	3.85	3.08	2.79	-	-	4.57	3.43	3.05	-	-
		- 30	3.13	2.52	2.29	-	-	3.73	2.82	2.51	-	-
		- 35	2.54	2.06	1.89	-	-	3.03	2.32	2.08	-	-
		- 40	2.07	1.71	1.57	-	-	2.47	1.92	1.75	-	-
	- 45	1.72	1.46	1.40	-	-	2.06	1.68	1.53	-	-	
	φ 19.05 (標準寸法)	- 5	7.98	7.19	6.85	-	-	9.41	8.22	7.71	-	-
		- 10	6.76	6.09	5.79	-	-	7.98	6.96	6.52	-	-
		- 12	6.30	5.68	5.40	-	-	7.45	6.50	6.09	-	-
		- 15	5.66	5.10	4.85	-	-	6.70	5.84	5.47	-	-
		- 17	5.26	4.73	4.50	-	-	6.23	5.43	5.08	-	-
		- 20	4.69	4.23	4.02	-	-	5.57	4.85	4.54	-	-
		- 25	3.85	3.47	3.30	-	-	4.57	3.99	3.74	-	-
		- 30	3.13	2.83	2.70	-	-	3.73	3.26	3.07	-	-
		- 35	2.54	2.30	2.20	-	-	3.03	2.66	2.51	-	-
		- 40	2.07	1.89	1.81	-	-	2.47	2.19	2.08	-	-
	- 45	1.72	1.59	1.54	-	-	2.06	1.86	1.77	-	-	
	φ 22.22	- 5	7.98	7.57	7.41	-	-	9.41	8.80	8.54	-	-
		- 10	6.76	6.41	6.27	-	-	7.98	7.46	7.23	-	-
		- 12	6.30	5.98	5.85	-	-	7.45	6.96	6.75	-	-
		- 15	5.66	5.37	5.25	-	-	6.70	6.26	6.07	-	-
		- 17	5.26	4.99	4.88	-	-	6.23	5.81	5.64	-	-
		- 20	4.69	4.45	4.36	-	-	5.57	5.20	5.04	-	-
		- 25	3.85	3.65	3.58	-	-	4.57	4.27	4.15	-	-
		- 30	3.13	2.97	2.91	-	-	3.73	3.49	3.39	-	-
- 35		2.54	2.42	2.37	-	-	3.03	2.84	2.76	-	-	
- 40		2.07	1.97	1.94	-	-	2.47	2.33	2.27	-	-	
- 45	1.72	1.65	1.63	-	-	2.06	1.95	1.91	-	-		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]																																
			50Hz					60Hz																											
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m																							
ER-EP30A+RMW-P30A	φ 22.22	-5	10.80	9.92	9.53	11.32	12.62	11.32	10.75	-	-	-5	10.80	10.26	10.05	-	-	12.62	11.84	11.51	-	-	-5	10.80	10.48	10.39	-	-	12.62	12.16	12.01	-	-		
		-10	9.12	8.37	8.04	-	-	10.70	9.59	9.10	-	-	-10	9.12	8.66	8.48	-	-	10.70	10.03	9.74	-	-	-10	9.12	8.85	8.77	-	-	10.70	10.31	10.18	-	-	
		-12	8.50	7.79	7.49	-	-	9.99	8.94	8.48	-	-	-12	8.50	8.07	7.90	-	-	9.99	9.36	9.09	-	-	-12	8.50	8.24	8.17	-	-	9.99	9.62	9.50	-	-	
		-15	7.62	6.98	6.71	-	-	8.98	8.03	7.62	-	-	-15	7.62	7.23	7.08	-	-	8.98	8.41	8.16	-	-	-15	7.62	7.39	7.32	-	-	8.98	8.64	8.53	-	-	
		-17	7.06	6.47	6.22	-	-	8.34	7.46	7.07	-	-	-17	7.06	6.70	6.56	-	-	8.34	7.81	7.58	-	-	-17	7.06	6.85	6.79	-	-	8.34	8.03	7.93	-	-	
		-20	6.28	5.76	5.53	-	-	7.44	6.66	6.31	-	-	-20	6.28	5.96	5.84	-	-	7.44	6.97	6.76	-	-	-20	6.28	6.09	6.04	-	-	7.44	7.16	7.07	-	-	
		-25	5.11	4.70	4.51	-	-	6.10	5.46	5.18	-	-	-25	5.11	4.86	4.76	-	-	6.10	5.71	5.55	-	-	-25	5.11	4.96	4.92	-	-	6.10	5.87	5.79	-	-	
		-30	4.12	3.79	3.65	-	-	4.94	4.43	4.21	-	-	-30	4.12	3.92	3.84	-	-	4.94	4.63	4.50	-	-	-30	4.12	4.00	3.96	-	-	4.94	4.76	4.70	-	-	
		-35	3.29	3.04	2.94	-	-	3.98	3.58	3.41	-	-	-35	3.29	3.14	3.08	-	-	3.98	3.74	3.64	-	-	-35	3.29	3.20	3.17	-	-	3.98	3.83	3.79	-	-	
		-40	2.63	2.45	2.37	-	-	3.20	2.90	2.77	-	-	-40	2.63	2.52	2.48	-	-	3.20	3.02	2.94	-	-	-40	2.63	2.56	2.55	-	-	3.20	3.09	3.06	-	-	
	-45	2.15	2.01	1.96	-	-	2.61	2.39	2.30	-	-	-45	2.15	2.06	2.03	-	-	2.61	2.48	2.43	-	-	-45	2.15	2.09	2.08	-	-	2.61	2.53	2.51	-	-		
	ER-EP37A+RMW-P45A	φ 22.22	-5	13.05	11.61	10.99	-	-	15.35	13.21	12.30	-	-	-5	13.05	12.20	11.84	-	-	15.35	14.08	13.52	-	-	-5	13.05	12.54	12.37	-	-	15.35	14.61	14.32	-	-
			-10	11.02	9.80	9.27	-	-	13.01	11.17	10.39	-	-	-10	11.02	10.30	9.99	-	-	13.01	11.91	11.43	-	-	-10	11.02	10.59	10.44	-	-	13.01	12.37	12.12	-	-
			-12	10.27	9.13	8.63	-	-	12.13	10.41	9.68	-	-	-12	10.27	9.59	9.30	-	-	12.13	11.10	10.65	-	-	-12	10.27	9.87	9.73	-	-	12.13	11.53	11.30	-	-
			-15	9.21	8.18	7.73	-	-	10.89	9.34	8.68	-	-	-15	9.21	8.59	8.33	-	-	10.89	9.96	9.55	-	-	-15	9.21	8.84	8.72	-	-	10.89	10.35	10.14	-	-
			-17	8.54	7.58	7.17	-	-	10.11	8.66	8.06	-	-	-17	8.54	7.97	7.73	-	-	10.11	9.25	8.87	-	-	-17	8.54	8.20	8.09	-	-	10.11	9.61	9.41	-	-
			-20	7.59	6.75	6.38	-	-	9.01	7.72	7.18	-	-	-20	7.59	7.09	6.88	-	-	9.01	8.24	7.90	-	-	-20	7.59	7.30	7.19	-	-	9.01	8.56	8.38	-	-
			-25	6.19	5.51	5.22	-	-	7.35	6.31	5.88	-	-	-25	6.19	5.78	5.61	-	-	7.35	6.73	6.46	-	-	-25	6.19	5.95	5.87	-	-	7.35	6.99	6.85	-	-
			-30	4.98	4.45	4.23	-	-	5.93	5.11	4.77	-	-	-30	4.98	4.67	4.54	-	-	5.93	5.44	5.22	-	-	-30	4.98	4.80	4.73	-	-	5.93	5.64	5.53	-	-
			-35	3.99	3.58	3.41	-	-	4.74	4.10	3.84	-	-	-35	3.99	3.75	3.65	-	-	4.74	4.36	4.19	-	-	-35	3.99	3.84	3.80	-	-	4.74	4.51	4.43	-	-
			-40	3.19	2.89	2.77	-	-	3.77	3.30	3.10	-	-	-40	3.19	3.01	2.94	-	-	3.77	3.49	3.37	-	-	-40	3.19	3.09	3.05	-	-	3.77	3.60	3.54	-	-
		-45	2.61	2.39	2.30	-	-	3.04	2.69	2.55	-	-	-45	2.61	2.48	2.43	-	-	3.04	2.83	2.75	-	-	-45	2.61	2.53	2.50	-	-	3.04	2.91	2.87	-	-	

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ER-EP45A+RMW-P45A	φ 22.22	-5	16.36	13.85	12.82	-	-	19.26	15.50	14.06	-	-
		-10	13.87	11.71	10.82	-	-	16.30	13.08	11.86	-	-
		-12	12.94	10.92	10.09	-	-	15.20	12.19	11.05	-	-
		-15	11.62	9.80	9.05	-	-	13.64	10.94	9.91	-	-
		-17	10.79	9.10	8.40	-	-	12.66	10.15	9.20	-	-
		-20	9.62	8.11	7.49	-	-	11.27	9.05	8.21	-	-
		-25	7.87	6.64	6.14	-	-	9.21	7.42	6.74	-	-
		-30	6.35	5.39	4.99	-	-	7.45	6.04	5.50	-	-
		-35	5.09	4.34	4.04	-	-	5.99	4.90	4.49	-	-
		-40	4.07	3.51	3.28	-	-	4.82	4.01	3.70	-	-
	-45	3.29	2.88	2.71	-	-	3.96	3.33	3.08	-	-	
	φ 25.4 (標準寸法)	-5	16.36	14.87	14.20	-	-	19.26	16.97	15.98	-	-
		-10	13.87	12.58	12.01	-	-	16.30	14.33	13.48	-	-
		-12	12.94	11.73	11.19	-	-	15.20	13.36	12.56	-	-
		-15	11.62	10.53	10.04	-	-	13.64	11.98	11.26	-	-
		-17	10.79	9.77	9.32	-	-	12.66	11.12	10.45	-	-
		-20	9.62	8.71	8.31	-	-	11.27	9.90	9.32	-	-
		-25	7.87	7.13	6.80	-	-	9.21	8.11	7.64	-	-
		-30	6.35	5.77	5.52	-	-	7.45	6.58	6.21	-	-
		-35	5.09	4.64	4.44	-	-	5.99	5.32	5.04	-	-
		-40	4.07	3.73	3.59	-	-	4.82	4.32	4.11	-	-
	-45	3.29	3.04	2.94	-	-	3.96	3.60	3.45	-	-	
	φ 28.58	-5	16.36	15.49	15.14	-	-	19.26	17.93	17.36	-	-
		-10	13.87	13.12	12.81	-	-	16.30	15.16	14.67	-	-
		-12	12.94	12.24	11.95	-	-	15.20	14.13	13.67	-	-
		-15	11.62	10.99	10.73	-	-	13.64	12.68	12.27	-	-
		-17	10.79	10.20	9.96	-	-	12.66	11.77	11.38	-	-
		-20	9.62	9.09	8.88	-	-	11.27	10.48	10.14	-	-
		-25	7.87	7.44	7.26	-	-	9.21	8.57	8.30	-	-
		-30	6.35	6.01	5.88	-	-	7.45	6.94	6.73	-	-
-35		5.09	4.83	4.72	-	-	5.99	5.60	5.44	-	-	
-40		4.07	3.87	3.79	-	-	4.82	4.53	4.41	-	-	
-45	3.29	3.14	3.09	-	-	3.96	3.74	3.66	-	-		
ER-EP55A1+RMW-P75A	φ 28.58	-5	20.20	18.66	17.99	17.09	16.59	24.02	21.61	20.56	19.22	18.50
		-10	16.98	15.68	15.11	14.35	13.93	20.19	18.16	17.27	16.15	15.54
		-12	15.79	14.58	14.05	13.34	12.95	18.77	16.88	16.06	15.02	14.45
		-15	14.10	13.02	12.55	11.92	11.58	16.76	15.09	14.35	13.43	12.93
		-17	13.04	12.04	11.61	11.04	10.72	15.51	13.96	13.29	12.43	11.97
		-20	11.55	10.68	10.30	9.79	9.51	13.74	12.39	11.80	11.05	10.65
		-25	9.34	8.65	8.35	7.96	7.74	11.13	10.06	9.60	9.01	8.69
		-30	7.46	6.93	6.71	6.40	6.24	8.92	8.10	7.75	7.29	7.05
		-35	5.92	5.52	5.36	5.13	5.01	7.11	6.50	6.24	5.90	5.72
		-40	4.71	4.42	4.31	4.15	4.06	5.71	5.27	5.08	4.84	4.71
	-45	3.83	3.63	3.56	3.45	3.40	4.72	4.41	4.29	4.13	4.06	
	φ 31.75 (標準寸法)	-5	20.20	19.45	19.20	18.80	18.57	24.02	22.91	22.48	21.84	21.46
		-10	16.98	16.33	16.11	15.75	15.56	20.19	19.22	18.85	18.28	17.96
		-12	15.79	15.18	14.97	14.63	14.44	18.77	17.86	17.51	16.97	16.66
		-15	14.10	13.54	13.35	13.05	12.87	16.76	15.94	15.62	15.13	14.85
		-17	13.04	12.52	12.34	12.05	11.89	15.51	14.74	14.43	13.98	13.72
		-20	11.55	11.09	10.92	10.67	10.52	13.74	13.06	12.78	12.38	12.15
		-25	9.34	8.96	8.82	8.62	8.50	11.13	10.57	10.34	10.01	9.83
		-30	7.46	7.16	7.05	6.89	6.79	8.92	8.47	8.29	8.04	7.89
		-35	5.92	5.68	5.60	5.48	5.41	7.11	6.77	6.63	6.43	6.32
		-40	4.71	4.53	4.47	4.38	4.33	5.71	5.45	5.35	5.21	5.13
	-45	3.83	3.70	3.67	3.61	3.57	4.72	4.53	4.46	4.37	4.32	
	φ 34.92	-5	20.20	19.51	19.29	18.94	18.75	24.02	22.96	22.57	21.98	21.65
		-10	16.98	16.39	16.21	15.91	15.75	20.19	19.30	18.97	18.47	18.19
		-12	15.79	15.24	15.07	14.80	14.64	18.77	17.94	17.63	17.17	16.91
		-15	14.10	13.61	13.46	13.21	13.08	16.76	16.02	15.75	15.34	15.11
		-17	13.04	12.59	12.45	12.23	12.10	15.51	14.83	14.57	14.20	13.98
		-20	11.55	11.16	11.03	10.84	10.73	13.74	13.14	12.93	12.59	12.41
		-25	9.34	9.02	8.93	8.78	8.69	11.13	10.66	10.48	10.23	10.08
		-30	7.46	7.22	7.15	7.03	6.97	8.92	8.55	8.43	8.23	8.12
-35		5.92	5.73	5.68	5.60	5.56	7.11	6.84	6.75	6.60	6.52	
-40		4.71	4.57	4.54	4.48	4.45	5.71	5.51	5.45	5.35	5.29	
-45	3.83	3.74	3.72	3.68	3.66	4.72	4.57	4.53	4.47	4.44		

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

## 〈4〉半密閉二段圧縮機形

### ●負荷計算の際、R404A 機的能力を換算する係数

二段圧縮式コンデンシングユニットの場合

蒸発温度 (°C)	-65	-60	-55	-50	-45	-40	-35
換算係数 (%)	93.5	94.0	94.5	95.0	95.5	96.0	96.6

R404A 機のカタログ冷凍能力 (吸入ガス温度 0°C) は同容量 R22 機に比べて大きくなります。

しかし、実用上の能力 (スーパーヒート: 5 ~ 10) は蒸発温度に応じて小さくなりますので、換算係数を用いて補正してください。

### (1) リモート空冷式

周囲温度: 35°C

形名	吸入配管径 (mm)	蒸発温度 (°C)	延長配管相当長別能力表 [kW]					
			50Hz			60Hz		
			0m	30m	50m	0m	30m	50m
ER-P110UA	φ 34.92	-35	13.27	12.36	11.96	15.87	14.39	13.72
		-40	11.11	10.27	9.89	13.22	11.87	11.25
		-45	9.15	8.39	8.05	10.81	9.60	9.06
		-50	7.40	6.73	6.43	8.64	7.59	7.13
		-55	5.85	5.28	5.03	6.71	5.84	5.47
		-60	4.51	4.04	3.84	5.02	4.34	4.06
		-65	3.37	3.01	2.85	3.57	3.09	2.88
		-65	3.37	3.01	2.85	3.57	3.09	2.88
	φ 38.1 (標準寸法)	-35	13.27	12.64	12.39	15.87	14.85	14.41
		-40	11.11	10.53	10.29	13.22	12.29	11.88
		-45	9.15	8.63	8.41	10.81	9.98	9.60
		-50	7.40	6.94	6.74	8.64	7.92	7.59
		-55	5.85	5.46	5.29	6.71	6.11	5.84
		-60	4.51	4.19	4.05	5.02	4.55	4.34
		-65	3.37	3.12	3.01	3.57	3.23	3.09
		-65	3.37	3.12	3.01	3.57	3.23	3.09
	φ 41.28	-35	13.27	12.80	12.64	15.87	15.12	15.12
		-40	11.11	10.68	10.53	13.22	12.54	12.54
		-45	9.15	8.76	8.62	10.81	10.20	10.20
		-50	7.40	7.06	6.93	8.64	8.11	8.11
		-55	5.85	5.56	5.45	6.71	6.27	6.27
		-60	4.51	4.27	4.29	5.02	4.68	4.68
		-65	3.37	3.19	3.11	3.57	3.32	3.32
		-65	3.37	3.19	3.11	3.57	3.32	3.32
ER-P150UA	φ 41.28	-35	17.63	16.55	16.09	19.91	18.49	17.86
		-40	14.30	13.39	13.00	16.30	15.06	14.51
		-45	11.41	10.66	10.33	13.11	12.07	11.60
		-50	8.94	8.34	8.09	10.35	9.49	9.11
		-55	6.91	6.45	6.25	8.01	7.34	7.04
		-60	5.30	4.96	4.82	6.10	5.59	5.36
		-65	4.13	3.88	3.78	4.61	4.24	4.08
		-65	4.13	3.88	3.78	4.61	4.24	4.08
	φ 44.45 (標準寸法)	-35	17.63	16.81	16.50	19.91	18.84	18.40
		-40	14.30	13.61	13.35	16.30	15.37	14.99
		-45	11.41	10.84	10.62	13.11	12.33	12.00
		-50	8.94	8.49	8.31	10.35	9.71	9.44
		-55	6.91	6.56	6.42	8.01	7.51	7.29
		-60	5.30	5.04	4.94	6.10	5.72	5.55
		-65	4.13	3.94	3.87	4.61	4.33	4.22
		-65	4.13	3.94	3.87	4.61	4.33	4.22
	φ 50.8	-35	17.63	17.12	16.99	19.91	19.26	19.07
		-40	14.30	13.88	13.76	16.30	15.74	15.56
		-45	11.41	11.06	10.96	13.11	12.64	12.49
		-50	8.94	8.66	8.59	10.35	9.97	9.84
		-55	6.91	6.69	6.63	8.01	7.71	7.61
		-60	5.30	5.14	5.10	6.10	5.87	5.79
		-65	4.13	4.01	3.98	4.61	4.44	4.39
		-65	4.13	4.01	3.98	4.61	4.44	4.39

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。

## (2) 一体水冷式

凝縮温度：40℃

形名	吸入配管径 (mm)	蒸発温度 (℃)	延長配管相当長別能力表 [kW]					
			50Hz			60Hz		
			0m	30m	50m	0m	30m	50m
ERW-P110UA	φ 34.92	-35	14.04	13.06	12.62	17.11	15.41	14.64
		-40	11.76	10.85	10.44	14.22	12.68	11.99
		-45	9.69	8.87	8.50	11.62	10.26	9.65
		-50	7.85	7.12	6.79	9.30	8.13	7.61
		-55	6.21	5.59	5.31	7.26	6.30	5.88
		-60	4.79	4.28	4.05	5.51	4.75	4.43
		-65	3.59	3.19	3.02	4.05	3.48	3.25
		-65	3.59	3.19	3.02	4.05	3.48	3.25
	φ 38.1 (標準寸法)	-35	14.04	13.35	13.08	17.11	15.94	15.43
		-40	11.76	11.13	10.87	14.22	13.16	12.69
		-45	9.69	9.13	8.89	11.62	10.68	10.26
		-50	7.85	7.34	7.13	9.30	8.49	8.13
		-55	6.21	5.78	5.59	7.26	6.59	6.29
		-60	4.79	4.44	4.28	5.51	4.98	4.75
		-65	3.59	3.31	3.19	4.05	3.65	3.48
		-65	3.59	3.31	3.19	4.05	3.65	3.48
	φ 41.28	-35	14.04	13.53	13.36	17.11	16.25	15.91
		-40	11.76	11.29	11.13	14.22	13.45	13.13
		-45	9.69	9.28	9.12	11.62	10.93	10.64
		-50	7.85	7.48	7.33	9.30	8.71	8.46
		-55	6.21	5.90	5.77	7.26	6.77	6.56
		-60	4.79	4.53	4.43	5.51	5.13	4.96
		-65	3.59	3.39	3.30	4.05	3.76	3.64
		-65	3.59	3.39	3.30	4.05	3.76	3.64
ERW-P150UA	φ 41.28	-35	18.56	17.36	16.85	21.22	19.61	18.90
		-40	14.88	13.90	13.48	17.25	15.87	15.26
		-45	11.71	10.93	10.59	13.76	12.62	12.12
		-50	9.04	8.44	8.19	10.76	9.85	9.45
		-55	6.87	6.43	6.24	8.26	7.56	7.25
		-60	5.20	4.89	4.76	6.24	5.73	5.50
		-65	4.03	3.82	3.74	4.72	4.35	4.20
		-65	4.03	3.82	3.74	4.72	4.35	4.20
	φ 44.45 (標準寸法)	-35	18.56	17.65	17.30	21.22	20.02	19.51
		-40	14.88	14.14	13.85	17.25	16.22	15.78
		-45	11.71	11.12	10.89	13.76	12.91	12.55
		-50	9.04	8.59	8.41	10.76	10.08	9.79
		-55	6.87	6.54	6.41	8.26	7.73	7.51
		-60	5.20	4.96	4.88	6.24	5.85	5.69
		-65	4.03	3.87	3.81	4.72	4.44	4.33
		-65	4.03	3.87	3.81	4.72	4.44	4.33
	φ 50.8	-35	18.56	18.00	17.85	21.22	20.49	20.26
		-40	14.88	14.43	14.30	17.25	16.63	16.43
		-45	11.71	11.35	11.25	13.76	13.25	13.08
		-50	9.04	8.76	8.69	10.76	10.36	10.22
		-55	6.87	6.67	6.61	8.26	7.94	7.84
		-60	5.20	5.05	5.02	6.24	6.01	5.93
		-65	4.03	3.93	3.91	4.72	4.55	4.50
		-65	4.03	3.93	3.91	4.72	4.55	4.50

注 1. 太字の吸入配管径は、メーカー標準寸法です。基本的にはメーカー標準寸法で工事してください。