

三菱電機株式会社

配管長別冷凍能力表

○インバータ:リモート空冷

周囲温度:35℃

形名	吸入 配管径 (mm)	蒸発温度 (℃)	配管相当長別能力 (kW)									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ECV-D98A + RM-D110A×1 (R463A-J)	φ 28.58	-5	30.1	28.0	27.1	25.9	25.2	30.1	28.0	27.1	25.9	25.2
		-10	26.0	24.1	23.3	22.2	21.6	26.0	24.1	23.3	22.2	21.6
		-12	24.5	22.7	21.9	20.9	20.3	24.5	22.7	21.9	20.9	20.3
		-15	22.3	20.6	19.9	18.9	18.4	22.3	20.6	19.9	18.9	18.4
		-17	21.0	19.3	18.6	17.7	17.2	21.0	19.3	18.6	17.7	17.2
		-20	19.0	17.5	16.8	15.9	15.5	19.0	17.5	16.8	15.9	15.5
		-25	15.9	14.6	14.0	13.3	12.9	15.9	14.6	14.0	13.3	12.9
		-30	13.1	12.0	11.5	10.9	10.5	13.1	12.0	11.5	10.9	10.5
		-35	10.7	9.82	9.42	8.89	8.60	10.7	9.82	9.42	8.89	8.60
		-40	8.63	7.88	7.55	7.12	6.89	8.63	7.88	7.55	7.12	6.89
	-44	7.19	6.56	6.28	5.92	5.72	7.19	6.56	6.28	5.92	5.72	
	φ 31.75 (標準径)	-5	30.1	28.7	28.1	27.4	26.9	30.1	28.7	28.1	27.4	26.9
		-10	26.0	24.7	24.2	23.5	23.1	26.0	24.7	24.2	23.5	23.1
		-12	24.5	23.3	22.8	22.1	21.8	24.5	23.3	22.8	22.1	21.8
		-15	22.3	21.2	20.7	20.1	19.7	22.3	21.2	20.7	20.1	19.7
		-17	21.0	19.9	19.5	18.8	18.5	21.0	19.9	19.5	18.8	18.5
		-20	19.0	18.0	17.6	17.0	16.7	19.0	18.0	17.6	17.0	16.7
		-25	15.9	15.0	14.7	14.2	13.9	15.9	15.0	14.7	14.2	13.9
		-30	13.1	12.4	12.1	11.7	11.4	13.1	12.4	12.1	11.7	11.4
		-35	10.7	10.1	9.88	9.53	9.33	10.7	10.1	9.88	9.53	9.33
		-40	8.63	8.14	7.93	7.64	7.47	8.63	8.14	7.93	7.64	7.47
	-44	7.19	6.77	6.60	6.35	6.21	7.19	6.77	6.60	6.35	6.21	
	φ 34.92	-5	30.1	29.1	28.8	28.3	28.1	30.1	29.1	28.8	28.3	28.1
		-10	26.0	25.1	24.8	24.4	24.1	26.0	25.1	24.8	24.4	24.1
		-12	24.5	23.7	23.4	23.0	22.8	24.5	23.7	23.4	23.0	22.8
		-15	22.3	21.5	21.3	20.9	20.7	22.3	21.5	21.3	20.9	20.7
		-17	21.0	20.2	20.0	19.6	19.4	21.0	20.2	20.0	19.6	19.4
		-20	19.0	18.3	18.0	17.7	17.5	19.0	18.3	18.0	17.7	17.5
		-25	15.9	15.3	15.1	14.8	14.6	15.9	15.3	15.1	14.8	14.6
		-30	13.1	12.6	12.4	12.2	12.0	13.1	12.6	12.4	12.2	12.0
-35		10.7	10.3	10.1	9.96	9.83	10.7	10.3	10.1	9.96	9.83	
-40		8.63	8.29	8.17	7.99	7.89	8.63	8.29	8.17	7.99	7.89	
-44	7.19	6.91	6.80	6.65	6.56	7.19	6.91	6.80	6.65	6.56		

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周囲温度:35°C

形名	吸入 配管径 (mm)	蒸発温度 (°C)	配管相当長別能力 (kW)									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ECV-D98A + RM-D110A×1 (R410A)	φ 28.58	-5	32.0	29.8	28.8	27.5	26.8	32.0	29.8	28.8	27.5	26.8
		-10	27.5	25.5	24.7	23.6	23.0	27.5	25.5	24.7	23.6	23.0
		-12	25.9	24.0	23.2	22.1	21.5	25.9	24.0	23.2	22.1	21.5
		-15	23.5	21.8	21.0	20.1	19.5	23.5	21.8	21.0	20.1	19.5
		-17	21.9	20.3	19.6	18.7	18.2	21.9	20.3	19.6	18.7	18.2
		-20	19.8	18.4	17.7	16.9	16.4	19.8	18.4	17.7	16.9	16.4
		-25	16.5	15.2	14.7	14.0	13.6	16.5	15.2	14.7	14.0	13.6
		-30	13.6	12.6	12.1	11.5	11.2	13.6	12.6	12.1	11.5	11.2
		-35	11.2	10.3	9.99	9.49	9.21	11.2	10.3	9.99	9.49	9.21
	-40	9.11	8.40	8.09	7.68	7.45	9.11	8.40	8.09	7.68	7.45	
	-45	7.48	6.87	6.60	6.24	6.05	7.48	6.87	6.60	6.24	6.05	
	φ 31.75 (標準径)	-5	32.0	30.5	30.0	29.1	28.6	32.0	30.5	30.0	29.1	28.6
		-10	27.5	26.2	25.7	25.0	24.5	27.5	26.2	25.7	25.0	24.5
		-12	25.9	24.6	24.2	23.5	23.1	25.9	24.6	24.2	23.5	23.1
		-15	23.5	22.3	21.9	21.3	20.9	23.5	22.3	21.9	21.3	20.9
		-17	21.9	20.9	20.5	19.8	19.5	21.9	20.9	20.5	19.8	19.5
		-20	19.8	18.8	18.5	17.9	17.6	19.8	18.8	18.5	17.9	17.6
		-25	16.5	15.6	15.3	14.9	14.6	16.5	15.6	15.3	14.9	14.6
		-30	13.6	12.9	12.6	12.2	12.0	13.6	12.9	12.6	12.2	12.0
		-35	11.2	10.6	10.4	10.1	9.91	11.2	10.6	10.4	10.1	9.91
	-40	9.11	8.64	8.45	8.18	8.03	9.11	8.64	8.45	8.18	8.03	
	-45	7.48	7.07	6.91	6.67	6.54	7.48	7.07	6.91	6.67	6.54	
	φ 34.92	-5	32.0	31.0	30.7	30.2	29.9	32.0	31.0	30.7	30.2	29.9
		-10	27.5	26.6	26.3	25.9	25.6	27.5	26.6	26.3	25.9	25.6
		-12	25.9	25.0	24.7	24.3	24.1	25.9	25.0	24.7	24.3	24.1
		-15	23.5	22.7	22.4	22.0	21.8	23.5	22.7	22.4	22.0	21.8
		-17	21.9	21.2	21.0	20.6	20.4	21.9	21.2	21.0	20.6	20.4
-20		19.8	19.1	18.9	18.6	18.4	19.8	19.1	18.9	18.6	18.4	
-25		16.5	15.9	15.7	15.4	15.3	16.5	15.9	15.7	15.4	15.3	
-30		13.6	13.1	13.0	12.7	12.6	13.6	13.1	13.0	12.7	12.6	
-35		11.2	10.8	10.7	10.5	10.3	11.2	10.8	10.7	10.5	10.3	
-40	9.11	8.79	8.68	8.51	8.42	9.11	8.79	8.68	8.51	8.42		
-45	7.48	7.20	7.11	6.96	6.88	7.48	7.20	7.11	6.96	6.88		

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形名	吸入 配管径 (mm)	蒸発温度 (°C)	配管相当長別能力 (kW)									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ECV-D98A + RM-D165A×1 (R463A-J)	φ 28.58	-5	30.1	28.0	27.1	25.9	25.2	30.1	28.0	27.1	25.9	25.2
		-10	26.0	24.1	23.3	22.2	21.6	26.0	24.1	23.3	22.2	21.6
		-12	24.5	22.7	21.9	20.9	20.3	24.5	22.7	21.9	20.9	20.3
		-15	22.3	20.6	19.9	18.9	18.4	22.3	20.6	19.9	18.9	18.4
		-17	21.0	19.3	18.6	17.7	17.2	21.0	19.3	18.6	17.7	17.2
		-20	19.0	17.5	16.8	15.9	15.5	19.0	17.5	16.8	15.9	15.5
	φ 31.75 (標準径)	-5	30.1	28.7	28.1	27.4	26.9	30.1	28.7	28.1	27.4	26.9
		-10	26.0	24.7	24.2	23.5	23.1	26.0	24.7	24.2	23.5	23.1
		-12	24.5	23.3	22.8	22.1	21.8	24.5	23.3	22.8	22.1	21.8
		-15	22.3	21.2	20.7	20.1	19.7	22.3	21.2	20.7	20.1	19.7
		-17	21.0	19.9	19.5	18.8	18.5	21.0	19.9	19.5	18.8	18.5
		-20	19.0	18.0	17.6	17.0	16.7	19.0	18.0	17.6	17.0	16.7
	φ 34.92	-5	30.1	29.1	28.8	28.3	28.1	30.1	29.1	28.8	28.3	28.1
		-10	26.0	25.1	24.8	24.4	24.1	26.0	25.1	24.8	24.4	24.1
		-12	24.5	23.7	23.4	23.0	22.8	24.5	23.7	23.4	23.0	22.8
		-15	22.3	21.5	21.3	20.9	20.7	22.3	21.5	21.3	20.9	20.7
		-17	21.0	20.2	20.0	19.6	19.4	21.0	20.2	20.0	19.6	19.4
		-20	19.0	18.3	18.0	17.7	17.5	19.0	18.3	18.0	17.7	17.5

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周囲温度:35°C

形名	吸入 配管径 (mm)	蒸発温度 (°C)	配管相当長別能力 (kW)									
			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ECV-D98A + RM-D165A × 1 (R410A)	φ 28.58	-5	32.0	29.8	28.8	27.5	26.8	32.0	29.8	28.8	27.5	26.8
		-10	27.5	25.5	24.7	23.6	23.0	27.5	25.5	24.7	23.6	23.0
		-12	25.9	24.0	23.2	22.1	21.5	25.9	24.0	23.2	22.1	21.5
		-15	23.5	21.8	21.0	20.1	19.5	23.5	21.8	21.0	20.1	19.5
		-17	21.9	20.3	19.6	18.7	18.2	21.9	20.3	19.6	18.7	18.2
		-20	19.8	18.4	17.7	16.9	16.4	19.8	18.4	17.7	16.9	16.4
	φ 31.75 (標準径)	-5	32.0	30.5	30.0	29.1	28.6	32.0	30.5	30.0	29.1	28.6
		-10	27.5	26.2	25.7	25.0	24.5	27.5	26.2	25.7	25.0	24.5
		-12	25.9	24.6	24.2	23.5	23.1	25.9	24.6	24.2	23.5	23.1
		-15	23.5	22.3	21.9	21.3	20.9	23.5	22.3	21.9	21.3	20.9
		-17	21.9	20.9	20.5	19.8	19.5	21.9	20.9	20.5	19.8	19.5
		-20	19.8	18.8	18.5	17.9	17.6	19.8	18.8	18.5	17.9	17.6
	φ 34.92	-5	32.0	31.0	30.7	30.2	29.9	32.0	31.0	30.7	30.2	29.9
		-10	27.5	26.6	26.3	25.9	25.6	27.5	26.6	26.3	25.9	25.6
		-12	25.9	25.0	24.7	24.3	24.1	25.9	25.0	24.7	24.3	24.1
		-15	23.5	22.7	22.4	22.0	21.8	23.5	22.7	22.4	22.0	21.8
		-17	21.9	21.2	21.0	20.6	20.4	21.9	21.2	21.0	20.6	20.4
		-20	19.8	19.1	18.9	18.6	18.4	19.8	19.1	18.9	18.6	18.4