

三菱電機株式会社

配管長別冷凍能力表

○インバータ：一体空冷

周囲温度：35℃

型名	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-D270A1 (R463A-J)	φ 44.45	-5	90.01	84.79	82.60	79.45	77.66	90.01	84.79	82.60	79.45	77.66
		-10	77.12	72.43	70.43	67.60	65.99	77.12	72.43	70.43	67.60	65.99
		-12	72.29	67.81	65.90	63.19	61.65	72.29	67.81	65.90	63.19	61.65
		-15	65.39	61.23	59.44	56.93	55.51	65.39	61.23	59.44	56.93	55.51
		-17	61.02	57.07	55.37	52.99	51.65	61.02	57.07	55.37	52.99	51.65
		-20	54.82	51.18	49.62	47.43	46.20	54.82	51.18	49.62	47.43	46.20
		-25	45.40	42.29	40.95	39.08	38.04	45.40	42.29	40.95	39.08	38.04
		-30	37.14	34.54	33.41	31.86	30.99	37.14	34.54	33.41	31.86	30.99
		-35	30.04	27.90	26.98	25.72	25.02	30.04	27.90	26.98	25.72	25.02
	-40	24.09	22.39	21.65	20.65	20.10	24.09	22.39	21.65	20.65	20.10	
	-44	20.17	18.76	18.17	17.35	16.90	20.17	18.76	18.17	17.35	16.90	
	φ 50.8	-5	90.01	86.83	85.80	84.15	83.23	90.01	86.83	85.80	84.15	83.23
		-10	77.12	74.27	73.33	71.81	70.97	77.12	74.27	73.33	71.81	70.97
		-12	72.29	69.58	68.66	67.21	66.39	72.29	69.58	68.66	67.21	66.39
		-15	65.39	62.88	62.01	60.65	59.89	65.39	62.88	62.01	60.65	59.89
		-17	61.02	58.64	57.81	56.52	55.79	61.02	58.64	57.81	56.52	55.79
		-20	54.82	52.63	51.86	50.66	49.99	54.82	52.63	51.86	50.66	49.99
		-25	45.40	43.53	42.86	41.83	41.25	45.40	43.53	42.86	41.83	41.25
		-30	37.14	35.58	35.01	34.14	33.65	37.14	35.58	35.01	34.14	33.65
		-35	30.04	28.76	28.29	27.58	27.18	30.04	28.76	28.29	27.58	27.18
	-40	24.09	23.07	22.69	22.13	21.81	24.09	23.07	22.69	22.13	21.81	
	-44	20.17	19.32	19.02	18.56	18.30	20.17	19.32	19.02	18.56	18.30	
	φ 53.98	-5	90.01	87.40	86.73	85.56	84.93	90.01	87.40	86.73	85.56	84.93
		-10	77.12	74.80	74.16	73.08	72.50	77.12	74.80	74.16	73.08	72.50
		-12	72.29	70.08	69.46	68.42	67.86	72.29	70.08	69.46	68.42	67.86
		-15	65.39	63.34	62.76	61.78	61.25	65.39	63.34	62.76	61.78	61.25
		-17	61.02	59.08	58.52	57.59	57.08	61.02	59.08	58.52	57.59	57.08
-20		54.82	53.04	52.52	51.65	51.17	54.82	53.04	52.52	51.65	51.17	
-25		45.40	43.89	43.43	42.67	42.26	45.40	43.89	43.43	42.67	42.26	
-30		37.14	35.87	35.48	34.85	34.50	37.14	35.87	35.48	34.85	34.50	
-35		30.04	29.00	28.68	28.16	27.87	30.04	29.00	28.68	28.16	27.87	
-40	24.09	23.26	23.00	22.59	22.36	24.09	23.26	23.00	22.59	22.36		
-44	20.17	19.48	19.27	18.93	18.75	20.17	19.48	19.27	18.93	18.75		
ECOV-D270A1 (R410A)	φ 44.45	-5	93.96	88.48	86.19	82.91	81.05	93.96	88.48	86.19	82.91	81.05
		-10	80.55	75.68	73.63	70.71	69.05	80.55	75.68	73.63	70.71	69.05
		-12	75.53	70.90	68.94	66.16	64.60	75.53	70.90	68.94	66.16	64.60
		-15	68.35	64.08	62.27	59.71	58.27	68.35	64.08	62.27	59.71	58.27
		-17	63.81	59.78	58.06	55.65	54.29	63.81	59.78	58.06	55.65	54.29
		-20	57.36	53.68	52.11	49.90	48.67	57.36	53.68	52.11	49.90	48.67
		-25	47.58	44.46	43.13	41.27	40.23	47.58	44.46	43.13	41.27	40.23
		-30	39.00	36.42	35.31	33.78	32.92	39.00	36.42	35.31	33.78	32.92
		-35	31.64	29.54	28.65	27.41	26.73	31.64	29.54	28.65	27.41	26.73
	-40	25.48	23.81	23.11	22.14	21.60	25.48	23.81	23.11	22.14	21.60	
	-45	20.53	19.24	18.70	17.96	17.54	20.53	19.24	18.70	17.96	17.54	
	φ 50.8	-5	93.96	90.62	89.54	87.81	86.85	93.96	90.62	89.54	87.81	86.85
		-10	80.55	77.59	76.61	75.06	74.19	80.55	77.59	76.61	75.06	74.19
		-12	75.53	72.72	71.78	70.29	69.46	75.53	72.72	71.78	70.29	69.46
		-15	68.35	65.77	64.89	63.51	62.74	68.35	65.77	64.89	63.51	62.74
		-17	63.81	61.37	60.54	59.23	58.50	63.81	61.37	60.54	59.23	58.50
		-20	57.36	55.13	54.37	53.17	52.50	57.36	55.13	54.37	53.17	52.50
		-25	47.58	45.70	45.04	44.02	43.45	47.58	45.70	45.04	44.02	43.45
		-30	39.00	37.44	36.90	36.05	35.58	39.00	37.44	36.90	36.05	35.58
		-35	31.64	30.37	29.93	29.24	28.86	31.64	30.37	29.93	29.24	28.86
	-40	25.48	24.47	24.12	23.59	23.29	25.48	24.47	24.12	23.59	23.29	
	-45	20.53	19.74	19.48	19.07	18.84	20.53	19.74	19.48	19.07	18.84	
	φ 53.98	-5	93.96	91.22	90.51	89.29	88.63	93.96	91.22	90.51	89.29	88.63
		-10	80.55	78.13	77.48	76.37	75.77	80.55	78.13	77.48	76.37	75.77
		-12	75.53	73.23	72.61	71.54	70.96	75.53	73.23	72.61	71.54	70.96
		-15	68.35	66.24	65.66	64.66	64.12	68.35	66.24	65.66	64.66	64.12
		-17	63.81	61.82	61.26	60.32	59.81	63.81	61.82	61.26	60.32	59.81
-20		57.36	55.55	55.03	54.16	53.69	57.36	55.55	55.03	54.16	53.69	
-25		47.58	46.05	45.60	44.86	44.46	47.58	46.05	45.60	44.86	44.46	
-30		39.00	37.74	37.36	36.75	36.41	39.00	37.74	37.36	36.75	36.41	
-35		31.64	30.61	30.31	29.81	29.54	31.64	30.61	30.31	29.81	29.54	
-40	25.48	24.66	24.42	24.03	23.82	25.48	24.66	24.42	24.03	23.82		
-45	20.53	19.89	19.71	19.41	19.25	20.53	19.89	19.71	19.41	19.25		