

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-D225MA1 液管断熱 有りモード (R463A-J)	φ41.28	10	74.00	71.23	70.32	68.91	68.13	74.00	71.23	70.32	68.91	68.13
		5	74.46	71.02	69.74	67.83	66.77	74.46	71.02	69.74	67.83	66.77
		0	73.19	69.06	67.39	65.02	63.69	73.19	69.06	67.39	65.02	63.69
		-5	70.20	66.04	64.40	62.04	60.72	70.20	66.04	64.40	62.04	60.72
		-10	59.49	56.07	54.66	52.66	51.53	59.49	56.07	54.66	52.66	51.53
		-12	55.67	52.47	51.15	49.27	48.22	55.67	52.47	51.15	49.27	48.22
		-15	50.36	47.47	46.28	44.59	43.65	50.36	47.47	46.28	44.59	43.65
		-17	47.10	44.41	43.31	41.74	40.85	47.10	44.41	43.31	41.74	40.85
	-20	42.65	40.23	39.25	37.84	37.06	42.65	40.23	39.25	37.84	37.06	
	φ44.45	10	74.00	71.85	71.30	70.37	69.88	74.00	71.85	71.30	70.37	69.88
		5	74.46	71.83	71.01	69.69	68.98	74.46	71.83	71.01	69.69	68.98
		0	73.19	70.08	68.96	67.26	66.31	73.19	70.08	68.96	67.26	66.31
		-5	70.20	67.03	65.93	64.26	63.31	70.20	67.03	65.93	64.26	63.31
		-10	59.49	56.91	55.97	54.54	53.74	59.49	56.91	55.97	54.54	53.74
		-12	55.67	53.26	52.37	51.04	50.29	55.67	53.26	52.37	51.04	50.29
		-15	50.36	48.18	47.39	46.18	45.51	50.36	48.18	47.39	46.18	45.51
		-17	47.10	45.07	44.34	43.21	42.59	47.10	45.07	44.34	43.21	42.59
	-20	42.65	40.83	40.17	39.16	38.60	42.65	40.83	40.17	39.16	38.60	
	φ50.8	10	74.00	72.53	72.39	72.04	71.91	74.00	72.53	72.39	72.04	71.91
		5	74.46	72.73	72.44	71.87	71.60	74.46	72.73	72.44	71.87	71.60
		0	73.19	71.20	70.75	69.93	69.52	73.19	71.20	70.75	69.93	69.52
		-5	70.20	68.12	67.68	66.88	66.46	70.20	68.12	67.68	66.88	66.46
		-10	59.49	57.85	57.47	56.78	56.43	59.49	57.85	57.47	56.78	56.43
		-12	55.67	54.13	53.77	53.13	52.80	55.67	54.13	53.77	53.13	52.80
-15		50.36	48.98	48.65	48.07	47.77	50.36	48.98	48.65	48.07	47.77	
-17		47.10	45.81	45.51	44.97	44.69	47.10	45.81	45.51	44.97	44.69	
-20	42.65	41.49	41.22	40.74	40.49	42.65	41.49	41.22	40.74	40.49		
ECOV-D225MA1 液管断熱 無しモード (R463A-J)	φ41.28	10	73.53	70.81	69.92	68.53	67.77	73.53	70.81	69.92	68.53	67.77
		5	73.17	69.87	68.66	66.85	65.84	73.17	69.87	68.66	66.85	65.84
		0	71.12	67.28	65.75	63.54	62.31	71.12	67.28	65.75	63.54	62.31
		-5	67.40	63.43	61.85	59.59	58.32	67.40	63.43	61.85	59.59	58.32
		-10	56.22	53.01	51.70	49.83	48.78	56.22	53.01	51.70	49.83	48.78
		-12	52.20	49.24	48.03	46.30	45.34	52.20	49.24	48.03	46.30	45.34
		-15	46.62	44.00	42.93	41.41	40.56	46.62	44.00	42.93	41.41	40.56
		-17	43.19	40.78	39.81	38.42	37.64	43.19	40.78	39.81	38.42	37.64
	-20	38.48	36.38	35.54	34.33	33.65	38.48	36.38	35.54	34.33	33.65	
	φ44.45	10	73.53	71.41	70.88	69.96	69.49	73.53	71.41	70.88	69.96	69.49
		5	73.17	70.65	69.87	68.63	67.95	73.17	70.65	69.87	68.63	67.95
		0	71.12	68.22	67.20	65.64	64.77	71.12	68.22	67.20	65.64	64.77
		-5	67.40	64.39	63.32	61.72	60.81	67.40	64.39	63.32	61.72	60.81
		-10	56.22	53.80	52.92	51.59	50.84	56.22	53.80	52.92	51.59	50.84
		-12	52.20	49.97	49.16	47.93	47.24	52.20	49.97	49.16	47.93	47.24
		-15	46.62	44.64	43.93	42.85	42.24	46.62	44.64	43.93	42.85	42.24
		-17	43.19	41.37	40.72	39.73	39.18	43.19	41.37	40.72	39.73	39.18
	-20	38.48	36.89	36.33	35.47	34.99	38.48	36.89	36.33	35.47	34.99	
	φ50.8	10	73.53	72.08	71.95	71.61	71.49	73.53	72.08	71.95	71.61	71.49
		5	73.17	71.50	71.24	70.70	70.46	73.17	71.50	71.24	70.70	70.46
		0	71.12	69.26	68.86	68.12	67.75	71.12	69.26	68.86	68.12	67.75
		-5	67.40	65.44	65.01	64.24	63.84	67.40	65.44	65.01	64.24	63.84
		-10	56.22	54.68	54.32	53.68	53.35	56.22	54.68	54.32	53.68	53.35
		-12	52.20	50.78	50.45	49.86	49.56	52.20	50.78	50.45	49.86	49.56
-15		46.62	45.36	45.07	44.55	44.29	46.62	45.36	45.07	44.55	44.29	
-17		43.19	42.03	41.77	41.29	41.05	43.19	42.03	41.77	41.29	41.05	
-20	38.48	37.46	37.24	36.83	36.63	38.48	37.46	37.24	36.83	36.63		

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			50Hz					60Hz				
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m
ECOVD225MA1 液管断熱 有りモード (R410A)	φ41.28	10	76.84	74.00	73.07	71.62	70.83	76.84	74.00	73.07	71.62	70.83
		5	77.34	73.84	72.55	70.63	69.55	77.34	73.84	72.55	70.63	69.55
		0	75.87	71.74	70.09	67.73	66.41	75.87	71.74	70.09	67.73	66.41
		-5	72.44	68.64	67.20	65.05	63.82	72.44	68.64	67.20	65.05	63.82
		-10	62.61	59.29	57.93	55.93	54.79	62.61	59.29	57.93	55.93	54.79
		-12	58.94	55.73	54.41	52.48	51.37	58.94	55.73	54.41	52.48	51.37
		-15	53.62	50.60	49.34	47.51	46.47	53.62	50.60	49.34	47.51	46.47
		-17	50.21	47.31	46.09	44.34	43.34	50.21	47.31	46.09	44.34	43.34
	-20	45.28	42.58	41.44	39.80	38.87	45.28	42.58	41.44	39.80	38.87	
	φ44.45	10	76.84	74.63	74.07	73.12	72.62	76.84	74.63	74.07	73.12	72.62
		5	77.34	74.67	73.84	72.52	71.80	77.34	74.67	73.84	72.52	71.80
		0	75.87	72.75	71.65	69.97	69.04	75.87	72.75	71.65	69.97	69.04
		-5	72.44	69.51	68.58	67.10	66.27	72.44	69.51	68.58	67.10	66.27
		-10	62.61	60.10	59.21	57.82	57.03	62.61	60.10	59.21	57.82	57.03
		-12	58.94	56.52	55.65	54.30	53.53	58.94	56.52	55.65	54.30	53.53
		-15	53.62	51.35	50.51	49.23	48.50	53.62	51.35	50.51	49.23	48.50
		-17	50.21	48.03	47.22	45.98	45.28	50.21	48.03	47.22	45.98	45.28
	-20	45.28	43.26	42.49	41.33	40.66	45.28	43.26	42.49	41.33	40.66	
	φ50.8	10	76.84	75.32	75.19	74.83	74.71	76.84	75.32	75.19	74.83	74.71
		5	77.34	75.57	75.30	74.72	74.46	77.34	75.57	75.30	74.72	74.46
		0	75.87	73.87	73.44	72.64	72.24	75.87	73.87	73.44	72.64	72.24
		-5	72.44	70.47	70.14	69.48	69.15	72.44	70.47	70.14	69.48	69.15
		-10	62.61	61.00	60.66	60.02	59.70	62.61	61.00	60.66	60.02	59.70
		-12	58.94	57.39	57.06	56.43	56.11	58.94	57.39	57.06	56.43	56.11
-15		53.62	52.18	51.84	51.24	50.92	53.62	52.18	51.84	51.24	50.92	
-17		50.21	48.83	48.50	47.91	47.60	50.21	48.83	48.50	47.91	47.60	
-20	45.28	44.00	43.69	43.13	42.83	45.28	44.00	43.69	43.13	42.83		
ECOVD225MA1 液管断熱 無しモード (R410A)	φ41.28	10	75.50	72.77	71.90	70.52	69.77	75.50	72.77	71.90	70.52	69.77
		5	75.81	72.48	71.27	69.45	68.43	75.81	72.48	71.27	69.45	68.43
		0	74.14	70.25	68.71	66.49	65.24	74.14	70.25	68.71	66.49	65.24
		-5	70.52	66.41	64.82	62.54	61.25	70.52	66.41	64.82	62.54	61.25
		-10	59.04	55.75	54.40	52.47	51.39	59.04	55.75	54.40	52.47	51.39
		-12	54.88	51.81	50.56	48.77	47.76	54.88	51.81	50.56	48.77	47.76
		-15	48.98	46.25	45.14	43.54	42.65	48.98	46.25	45.14	43.54	42.65
		-17	45.30	42.78	41.75	40.29	39.46	45.30	42.78	41.75	40.29	39.46
	-20	40.12	37.91	37.01	35.73	35.01	40.12	37.91	37.01	35.73	35.01	
	φ44.45	10	75.50	73.37	72.85	71.95	71.49	75.50	73.37	72.85	71.95	71.49
		5	75.81	73.25	72.49	71.24	70.57	75.81	73.25	72.49	71.24	70.57
		0	74.14	71.19	70.17	68.61	67.74	74.14	71.19	70.17	68.61	67.74
		-5	70.52	67.37	66.31	64.69	63.79	70.52	67.37	66.31	64.69	63.79
		-10	59.04	56.56	55.66	54.29	53.53	59.04	56.56	55.66	54.29	53.53
		-12	54.88	52.56	51.73	50.46	49.74	54.88	52.56	51.73	50.46	49.74
		-15	48.98	46.92	46.18	45.05	44.41	48.98	46.92	46.18	45.05	44.41
		-17	45.30	43.39	42.71	41.67	41.09	45.30	43.39	42.71	41.67	41.09
	-20	40.12	38.45	37.86	36.94	36.43	40.12	38.45	37.86	36.94	36.43	
	φ50.8	10	75.50	74.02	73.92	73.59	73.48	75.50	74.02	73.92	73.59	73.48
		5	75.81	74.11	73.86	73.33	73.09	75.81	74.11	73.86	73.33	73.09
		0	74.14	72.24	71.85	71.12	70.75	74.14	72.24	71.85	71.12	70.75
		-5	70.52	68.43	68.01	67.24	66.85	70.52	68.43	68.01	67.24	66.85
		-10	59.04	57.46	57.10	56.45	56.12	59.04	57.46	57.10	56.45	56.12
		-12	54.88	53.40	53.07	52.46	52.15	54.88	53.40	53.07	52.46	52.15
-15		48.98	47.67	47.37	46.83	46.56	48.98	47.67	47.37	46.83	46.56	
-17		45.30	44.08	43.81	43.31	43.06	45.30	44.08	43.81	43.31	43.06	
-20	40.12	39.05	38.82	38.38	38.16	40.12	39.05	38.82	38.38	38.16		