

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-D185MA1 液管断熱 有りモード (R463A-J)	φ38.1	10	71.64	68.20	66.90	65.00	63.93	71.64	68.20	66.90	65.00	63.93
		5	71.26	67.06	65.36	62.95	61.61	71.26	67.06	65.36	62.95	61.61
		0	69.77	64.75	62.62	59.72	58.13	69.77	64.75	62.62	59.72	58.13
		-5	67.18	62.13	60.00	57.10	55.49	67.18	62.13	60.00	57.10	55.49
		-10	56.96	52.75	50.94	48.48	47.11	56.96	52.75	50.94	48.48	47.11
		-12	53.31	49.38	47.68	45.38	44.11	53.31	49.38	47.68	45.38	44.11
		-15	48.25	44.71	43.18	41.11	39.97	48.25	44.71	43.18	41.11	39.97
		-17	45.16	41.85	40.44	38.52	37.46	45.16	41.85	40.44	38.52	37.46
	-20	40.93	37.97	36.71	35.00	34.06	40.93	37.97	36.71	35.00	34.06	
	φ41.28	10	71.64	69.08	68.27	66.98	66.28	71.64	69.08	68.27	66.98	66.28
		5	71.26	68.17	67.06	65.37	64.44	71.26	68.17	67.06	65.37	64.44
		0	69.77	66.11	64.66	62.57	61.40	69.77	66.11	64.66	62.57	61.40
		-5	67.18	63.48	62.03	59.94	58.76	67.18	63.48	62.03	59.94	58.76
		-10	56.96	53.90	52.67	50.89	49.89	56.96	53.90	52.67	50.89	49.89
		-12	53.31	50.45	49.30	47.63	46.70	53.31	50.45	49.30	47.63	46.70
		-15	48.25	45.67	44.64	43.14	42.30	48.25	45.67	44.64	43.14	42.30
		-17	45.16	42.75	41.79	40.40	39.62	45.16	42.75	41.79	40.40	39.62
	-20	40.93	38.78	37.92	36.68	35.99	40.93	38.78	37.92	36.68	35.99	
	φ44.45	10	71.64	69.64	69.16	68.32	67.89	71.64	69.64	69.16	68.32	67.89
		5	71.26	68.89	68.18	67.04	66.42	71.26	68.89	68.18	67.04	66.42
		0	69.77	67.00	66.04	64.56	63.75	69.77	67.00	66.04	64.56	63.75
		-5	67.18	64.35	63.40	61.93	61.10	67.18	64.35	63.40	61.93	61.10
		-10	56.96	54.65	53.83	52.58	51.88	56.96	54.65	53.83	52.58	51.88
		-12	53.31	51.15	50.39	49.21	48.56	53.31	51.15	50.39	49.21	48.56
-15		48.25	46.30	45.62	44.56	43.97	48.25	46.30	45.62	44.56	43.97	
-17		45.16	43.34	42.70	41.72	41.18	45.16	43.34	42.70	41.72	41.18	
-20	40.93	39.30	38.73	37.86	37.38	40.93	39.30	38.73	37.86	37.38		
ECOV-D185MA1 液管断熱 無しモード (R463A-J)	φ38.1	10	70.48	67.18	65.95	64.12	63.11	70.48	67.18	65.95	64.12	63.11
		5	69.35	65.44	63.86	61.61	60.36	69.35	65.44	63.86	61.61	60.36
		0	67.16	62.61	60.69	58.05	56.59	67.16	62.61	60.69	58.05	56.59
		-5	63.92	59.19	57.19	54.47	52.97	63.92	59.19	57.19	54.47	52.97
		-10	53.32	49.47	47.81	45.57	44.33	53.32	49.47	47.81	45.57	44.33
		-12	49.51	45.96	44.43	42.36	41.22	49.51	45.96	44.43	42.36	41.22
		-15	44.23	41.09	39.75	37.93	36.92	44.23	41.09	39.75	37.93	36.92
		-17	40.99	38.11	36.89	35.22	34.30	40.99	38.11	36.89	35.22	34.30
	-20	36.55	34.04	32.98	31.53	30.73	36.55	34.04	32.98	31.53	30.73	
	φ41.28	10	70.48	68.02	67.25	66.03	65.37	70.48	68.02	67.25	66.03	65.37
		5	69.35	66.46	65.44	63.89	63.02	69.35	66.46	65.44	63.89	63.02
		0	67.16	63.83	62.55	60.66	59.61	67.16	63.83	62.55	60.66	59.61
		-5	63.92	60.46	59.10	57.14	56.04	63.92	60.46	59.10	57.14	56.04
		-10	53.32	50.51	49.40	47.77	46.86	53.32	50.51	49.40	47.77	46.86
		-12	49.51	46.92	45.89	44.40	43.56	49.51	46.92	45.89	44.40	43.56
		-15	44.23	41.94	41.04	39.72	38.99	44.23	41.94	41.04	39.72	38.99
		-17	40.99	38.89	38.06	36.86	36.19	40.99	38.89	38.06	36.86	36.19
	-20	36.55	34.72	34.00	32.96	32.38	36.55	34.72	34.00	32.96	32.38	
	φ44.45	10	70.48	68.55	68.11	67.32	66.91	70.48	68.55	68.11	67.32	66.91
		5	69.35	67.13	66.49	65.44	64.88	69.35	67.13	66.49	65.44	64.88
		0	67.16	64.63	63.79	62.48	61.75	67.16	64.63	63.79	62.48	61.75
		-5	63.92	61.28	60.39	59.01	58.24	63.92	61.28	60.39	59.01	58.24
		-10	53.32	51.20	50.46	49.32	48.68	53.32	51.20	50.46	49.32	48.68
		-12	49.51	47.55	46.87	45.82	45.24	49.51	47.55	46.87	45.82	45.24
-15		44.23	42.49	41.90	40.98	40.46	44.23	42.49	41.90	40.98	40.46	
-17		40.99	39.39	38.85	38.01	37.54	40.99	39.39	38.85	38.01	37.54	
-20	36.55	35.16	34.69	33.96	33.56	36.55	35.16	34.69	33.96	33.56		

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
ECOVD185MA1 液管断熱 有りモード (R410A)	φ38.1	10	74.44	70.90	69.57	67.61	66.53	74.44	70.90	69.57	67.61	66.53
		5	74.38	70.07	68.32	65.85	64.47	74.38	70.07	68.32	65.85	64.47
		0	72.69	67.61	65.46	62.54	60.92	72.69	67.61	65.46	62.54	60.92
		-5	69.37	64.73	62.80	60.07	58.52	69.37	64.73	62.80	60.07	58.52
		-10	59.93	55.83	54.03	51.52	50.10	59.93	55.83	54.03	51.52	50.10
		-12	56.41	52.45	50.71	48.29	46.93	56.41	52.45	50.71	48.29	46.93
		-15	51.32	47.59	45.94	43.67	42.39	51.32	47.59	45.94	43.67	42.39
		-17	48.05	44.47	42.89	40.72	39.51	48.05	44.47	42.89	40.72	39.51
	-20	43.34	40.01	38.53	36.52	35.40	43.34	40.01	38.53	36.52	35.40	
	φ41.28	10	74.44	71.80	70.97	69.65	68.94	74.44	71.80	70.97	69.65	68.94
		5	74.38	71.20	70.06	68.34	67.38	74.38	71.20	70.06	68.34	67.38
		0	72.69	68.98	67.53	65.43	64.25	72.69	68.98	67.53	65.43	64.25
		-5	69.37	65.93	64.67	62.78	61.69	69.37	65.93	64.67	62.78	61.69
		-10	59.93	56.95	55.76	53.99	52.98	59.93	56.95	55.76	53.99	52.98
		-12	56.41	53.53	52.38	50.67	49.69	56.41	53.53	52.38	50.67	49.69
		-15	51.32	48.61	47.51	45.89	44.97	51.32	48.61	47.51	45.89	44.97
		-17	48.05	45.46	44.40	42.84	41.96	48.05	45.46	44.40	42.84	41.96
	-20	43.34	40.93	39.93	38.48	37.65	43.34	40.93	39.93	38.48	37.65	
	φ44.45	10	74.44	72.37	71.89	71.03	70.59	74.44	72.37	71.89	71.03	70.59
		5	74.38	71.94	71.22	70.05	69.42	74.38	71.94	71.22	70.05	69.42
		0	72.69	69.88	68.92	67.45	66.63	72.69	69.88	68.92	67.45	66.63
		-5	69.37	66.71	65.91	64.62	63.89	69.37	66.71	65.91	64.62	63.89
		-10	59.93	57.67	56.90	55.69	55.00	59.93	57.67	56.90	55.69	55.00
		-12	56.41	54.23	53.48	52.30	51.63	56.41	54.23	53.48	52.30	51.63
-15		51.32	49.27	48.55	47.43	46.79	51.32	49.27	48.55	47.43	46.79	
-17		48.05	46.10	45.40	44.31	43.70	48.05	46.10	45.40	44.31	43.70	
-20	43.34	41.52	40.86	39.84	39.26	43.34	41.52	40.86	39.84	39.26		
ECOVD185MA1 液管断熱 無しモード (R410A)	φ38.1	10	72.92	69.56	68.31	66.46	65.44	72.92	69.56	68.31	66.46	65.44
		5	72.69	68.62	66.98	64.66	63.36	72.69	68.62	66.98	64.66	63.36
		0	70.83	66.08	64.08	61.33	59.81	70.83	66.08	64.08	61.33	59.81
		-5	67.33	62.36	60.30	57.48	55.91	67.33	62.36	60.30	57.48	55.91
		-10	56.34	52.31	50.57	48.20	46.89	56.34	52.31	50.57	48.20	46.89
		-12	52.35	48.60	46.99	44.80	43.58	52.35	48.60	46.99	44.80	43.58
		-15	46.72	43.39	41.96	40.01	38.93	46.72	43.39	41.96	40.01	38.93
		-17	43.20	40.13	38.82	37.03	36.04	43.20	40.13	38.82	37.03	36.04
	-20	38.28	35.59	34.45	32.88	32.01	38.28	35.59	34.45	32.88	32.01	
	φ41.28	10	72.92	70.41	69.64	68.40	67.73	72.92	70.41	69.64	68.40	67.73
		5	72.69	69.69	68.63	67.02	66.12	72.69	69.69	68.63	67.02	66.12
		0	70.83	67.35	66.01	64.05	62.96	70.83	67.35	66.01	64.05	62.96
		-5	67.33	63.66	62.27	60.25	59.11	67.33	63.66	62.27	60.25	59.11
		-10	56.34	53.40	52.23	50.53	49.57	56.34	53.40	52.23	50.53	49.57
		-12	52.35	49.62	48.53	46.96	46.07	52.35	49.62	48.53	46.96	46.07
		-15	46.72	44.29	43.33	41.93	41.14	46.72	44.29	43.33	41.93	41.14
		-17	43.20	40.97	40.08	38.79	38.07	43.20	40.97	40.08	38.79	38.07
	-20	38.28	36.32	35.55	34.42	33.79	38.28	36.32	35.55	34.42	33.79	
	φ44.45	10	72.92	70.95	70.50	69.70	69.30	72.92	70.95	70.50	69.70	69.30
		5	72.69	70.37	69.72	68.63	68.05	72.69	70.37	69.72	68.63	68.05
		0	70.83	68.18	67.31	65.94	65.19	70.83	68.18	67.31	65.94	65.19
		-5	67.33	64.51	63.60	62.18	61.39	67.33	64.51	63.60	62.18	61.39
		-10	56.34	54.12	53.35	52.15	51.49	56.34	54.12	53.35	52.15	51.49
		-12	52.35	50.28	49.57	48.46	47.84	52.35	50.28	49.57	48.46	47.84
-15		46.72	44.88	44.25	43.26	42.72	46.72	44.88	44.25	43.26	42.72	
-17		43.20	41.51	40.93	40.02	39.52	43.20	41.51	40.93	40.02	39.52	
-20	38.28	36.79	36.29	35.50	35.06	38.28	36.79	36.29	35.50	35.06		