

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 (°C)	配管相当長別能力 (kW)										
			50Hz					60Hz					
			0m	30m	50m	80m	100m	0m	30m	50m	80m	100m	
ECOV-D300A (R463A-J)	φ 44.45	-5	95.40	89.33	86.72	83.04	80.95	95.40	89.33	86.72	83.04	80.95	
		-10	81.70	76.24	73.88	70.57	68.71	81.70	76.24	73.88	70.57	68.71	
		-12	76.56	71.35	69.09	65.94	64.17	76.56	71.35	69.09	65.94	64.17	
		-15	69.23	64.40	62.30	59.38	57.74	69.23	64.40	62.30	59.38	57.74	
		-17	64.60	60.01	58.01	55.25	53.71	64.60	60.01	58.01	55.25	53.71	
		-20	58.01	53.80	51.96	49.44	48.03	58.01	53.80	51.96	49.44	48.03	
		-25	48.03	44.43	42.86	40.72	39.52	48.03	44.43	42.86	40.72	39.52	
		-30	39.29	36.28	34.97	33.19	32.20	39.29	36.28	34.97	33.19	32.20	
		-35	31.79	29.33	28.26	26.82	26.02	31.79	29.33	28.26	26.82	26.02	
	-40	25.53	23.57	22.72	21.57	20.94	25.53	23.57	22.72	21.57	20.94		
	-44	21.42	19.80	19.11	18.18	17.67	21.42	19.80	19.11	18.18	17.67		
	φ 50.8	-5	95.40	91.73	90.47	88.49	87.37	95.40	91.73	90.47	88.49	87.37	
		-10	81.70	78.42	77.26	75.45	74.43	81.70	78.42	77.26	75.45	74.43	
		-12	76.56	73.43	72.32	70.58	69.60	76.56	73.43	72.32	70.58	69.60	
		-15	69.23	66.34	65.29	63.67	62.75	69.23	66.34	65.29	63.67	62.75	
		-17	64.60	61.85	60.85	59.31	58.44	64.60	61.85	60.85	59.31	58.44	
		-20	58.01	55.49	54.56	53.14	52.34	58.01	55.49	54.56	53.14	52.34	
		-25	48.03	45.88	45.08	43.86	43.17	48.03	45.88	45.08	43.86	43.17	
		-30	39.29	37.49	36.81	35.79	35.22	39.29	37.49	36.81	35.79	35.22	
		-35	31.79	30.32	29.76	28.93	28.46	31.79	30.32	29.76	28.93	28.46	
	-40	25.53	24.36	23.91	23.25	22.88	25.53	24.36	23.91	23.25	22.88		
	-44	21.42	20.45	20.09	19.55	19.25	21.42	20.45	20.09	19.55	19.25		
	φ 53.98	-5	95.40	92.41	91.57	90.14	89.36	95.40	92.41	91.57	90.14	89.36	
		-10	81.70	79.03	78.24	76.93	76.21	81.70	79.03	78.24	76.93	76.21	
		-12	76.56	74.03	73.26	72.00	71.30	76.56	74.03	73.26	72.00	71.30	
		-15	69.23	66.89	66.16	64.98	64.33	69.23	66.89	66.16	64.98	64.33	
		-17	64.60	62.38	61.68	60.55	59.93	64.60	62.38	61.68	60.55	59.93	
		-20	58.01	55.98	55.33	54.29	53.71	58.01	55.98	55.33	54.29	53.71	
		-25	48.03	46.30	45.73	44.83	44.33	48.03	46.30	45.73	44.83	44.33	
		-30	39.29	37.84	37.36	36.61	36.18	39.29	37.84	37.36	36.61	36.18	
		-35	31.79	30.61	30.21	29.59	29.25	31.79	30.61	30.21	29.59	29.25	
	-40	25.53	24.58	24.27	23.78	23.50	25.53	24.58	24.27	23.78	23.50		
	-44	21.42	20.63	20.38	19.98	19.76	21.42	20.63	20.38	19.98	19.76		
	ECOV-D300A (R410A)	φ 44.45	-5	98.77	92.57	89.93	86.20	84.09	98.77	92.57	89.93	86.20	84.09
			-10	84.75	79.22	76.85	73.53	71.66	84.75	79.22	76.85	73.53	71.66
			-12	79.49	74.23	71.97	68.81	67.03	79.49	74.23	71.97	68.81	67.03
-15			71.98	67.12	65.03	62.11	60.48	71.98	67.12	65.03	62.11	60.48	
-17			67.22	62.63	60.64	57.89	56.35	67.22	62.63	60.64	57.89	56.35	
-20			60.46	56.26	54.44	51.93	50.53	60.46	56.26	54.44	51.93	50.53	
-25			50.20	46.63	45.09	42.97	41.79	50.20	46.63	45.09	42.97	41.79	
-30			41.19	38.23	36.94	35.19	34.22	41.19	38.23	36.94	35.19	34.22	
-35			33.44	31.03	29.99	28.57	27.78	33.44	31.03	29.99	28.57	27.78	
-40		26.94	25.02	24.20	23.08	22.46	26.94	25.02	24.20	23.08	22.46		
-45		21.69	20.20	19.57	18.71	18.23	21.69	20.20	19.57	18.71	18.23		
φ 50.8		-5	98.77	95.02	93.75	91.74	90.61	98.77	95.02	93.75	91.74	90.61	
		-10	84.75	81.41	80.26	78.44	77.43	84.75	81.41	80.26	78.44	77.43	
		-12	79.49	76.32	75.21	73.48	72.51	79.49	76.32	75.21	73.48	72.51	
		-15	71.98	69.06	68.02	66.41	65.51	71.98	69.06	68.02	66.41	65.51	
		-17	67.22	64.46	63.47	61.95	61.09	67.22	64.46	63.47	61.95	61.09	
		-20	60.46	57.94	57.03	55.63	54.84	60.46	57.94	57.03	55.63	54.84	
		-25	50.20	48.06	47.28	46.09	45.42	50.20	48.06	47.28	46.09	45.42	
		-30	41.19	39.41	38.76	37.77	37.21	41.19	39.41	38.76	37.77	37.21	
		-35	33.44	31.99	31.46	30.66	30.21	33.44	31.99	31.46	30.66	30.21	
-40		26.94	25.78	25.37	24.73	24.38	26.94	25.78	25.37	24.73	24.38		
-45		21.69	20.79	20.47	19.98	19.71	21.69	20.79	20.47	19.98	19.71		
φ 53.98		-5	98.77	95.71	94.86	93.41	92.63	98.77	95.71	94.86	93.41	92.63	
		-10	84.75	82.04	81.25	79.94	79.22	84.75	82.04	81.25	79.94	79.22	
		-12	79.49	76.92	76.16	74.90	74.22	79.49	76.92	76.16	74.90	74.22	
		-15	71.98	69.61	68.90	67.73	67.09	71.98	69.61	68.90	67.73	67.09	
		-17	67.22	64.98	64.31	63.19	62.58	67.22	64.98	64.31	63.19	62.58	
		-20	60.46	58.42	57.79	56.77	56.21	60.46	58.42	57.79	56.77	56.21	
		-25	50.20	48.47	47.93	47.05	46.57	50.20	48.47	47.93	47.05	46.57	
		-30	41.19	39.75	39.30	38.57	38.17	41.19	39.75	39.30	38.57	38.17	
		-35	33.44	32.27	31.90	31.31	30.98	33.44	32.27	31.90	31.31	30.98	
-40		26.94	26.00	25.71	25.25	24.99	26.94	26.00	25.71	25.25	24.99		
-45		21.69	20.96	20.74	20.38	20.19	21.69	20.96	20.74	20.38	20.19		