

三菱電機株式会社

1、配管長別冷凍能力表

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-EN270MC 断熱有	φ 44.45	-20	59.0	53.7	51.3	48.1	46.3	59.0	53.7	51.3	48.1	46.3
		-17	65.8	60.3	57.8	54.4	52.5	65.8	60.3	57.8	54.4	52.5
		-15	70.3	64.8	62.2	58.7	56.7	70.3	64.8	62.2	58.7	56.7
		-12	77.1	71.5	68.9	65.3	63.2	77.1	71.5	68.9	65.3	63.2
		-10	81.6	75.9	73.4	69.7	67.6	81.6	75.9	73.4	69.7	67.6
		-5	92.6	87.1	84.6	81.0	78.9	92.6	87.1	84.6	81.0	78.9
		0	94.8	89.5	87.3	83.9	81.9	94.8	89.5	87.3	83.9	81.9
		5	96.0	90.7	88.5	85.1	83.1	96.0	90.7	88.5	85.1	83.1
	10	96.2	90.9	88.7	85.3	83.2	96.2	90.9	88.7	85.3	83.2	
	φ 50.8	-20	59.0	55.9	54.6	52.7	51.6	59.0	55.9	54.6	52.7	51.6
		-17	65.8	62.6	61.3	59.4	58.2	65.8	62.6	61.3	59.4	58.2
		-15	70.3	67.1	65.8	63.8	62.7	70.3	67.1	65.8	63.8	62.7
		-12	77.1	73.8	72.5	70.5	69.4	77.1	73.8	72.5	70.5	69.4
		-10	81.6	78.2	77.0	75.0	73.9	81.6	78.2	77.0	75.0	73.9
		-5	92.6	89.3	88.1	86.3	85.2	92.6	89.3	88.1	86.3	85.2
		0	94.8	91.6	90.6	89.0	88.1	94.8	91.6	90.6	89.0	88.1
		5	96.0	92.8	91.8	90.2	89.2	96.0	92.8	91.8	90.2	89.2
	10	96.2	93.0	92.0	90.4	89.4	96.2	93.0	92.0	90.4	89.4	
	φ 53.98	-20	59.0	56.5	55.6	54.2	53.4	59.0	56.5	55.6	54.2	53.4
		-17	65.8	63.2	62.3	60.9	60.1	65.8	63.2	62.3	60.9	60.1
		-15	70.3	67.7	66.8	65.4	64.5	70.3	67.7	66.8	65.4	64.5
		-12	77.1	74.4	73.5	72.1	71.3	77.1	74.4	73.5	72.1	71.3
		-10	81.6	78.8	78.0	76.6	75.8	81.6	78.8	78.0	76.6	75.8
		-5	92.6	89.9	89.2	87.9	87.1	92.6	89.9	89.2	87.9	87.1
		0	94.8	92.1	91.4	90.1	89.3	94.8	92.1	91.4	90.1	89.3
		5	96.0	93.3	92.5	91.2	90.5	96.0	93.3	92.5	91.2	90.5
	10	96.2	93.5	92.7	91.4	90.7	96.2	93.5	92.7	91.4	90.7	

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-EN270MC 断熱無	φ 44.45	-20	57.4	52.7	50.5	47.7	46.1	57.4	52.7	50.5	47.7	46.1
		-17	63.8	58.9	56.6	53.6	51.9	63.8	58.9	56.6	53.6	51.9
		-15	68.2	63.1	60.8	57.6	55.8	68.2	63.1	60.8	57.6	55.8
		-12	75.0	69.6	67.2	63.9	62.0	75.0	69.6	67.2	63.9	62.0
		-10	79.5	74.1	71.7	68.3	66.3	79.5	74.1	71.7	68.3	66.3
		-5	91.3	85.6	83.1	79.5	77.5	91.3	85.6	83.1	79.5	77.5
		0	94.6	88.9	86.4	82.9	80.8	94.6	88.9	86.4	82.9	80.8
		5	96.0	90.7	88.5	85.1	83.1	96.0	90.7	88.5	85.1	83.1
	10	96.2	90.9	88.7	85.3	83.2	96.2	90.9	88.7	85.3	83.2	
	φ 50.8	-20	57.4	54.6	53.5	51.8	50.9	57.4	54.6	53.5	51.8	50.9
		-17	63.8	60.9	59.7	58.0	57.0	63.8	60.9	59.7	58.0	57.0
		-15	68.2	65.2	64.0	62.3	61.2	68.2	65.2	64.0	62.3	61.2
		-12	75.0	71.8	70.6	68.8	67.7	75.0	71.8	70.6	68.8	67.7
		-10	79.5	76.3	75.1	73.2	72.2	79.5	76.3	75.1	73.2	72.2
		-5	91.3	87.8	86.7	84.8	83.7	91.3	87.8	86.7	84.8	83.7
		0	94.6	91.2	90.0	88.1	87.0	94.6	91.2	90.0	88.1	87.0
		5	96.0	92.8	91.8	90.2	89.2	96.0	92.8	91.8	90.2	89.2
	10	96.2	93.0	92.0	90.4	89.4	96.2	93.0	92.0	90.4	89.4	
	φ 53.98	-20	57.4	55.1	54.4	53.1	52.4	57.4	55.1	54.4	53.1	52.4
		-17	63.8	61.5	60.7	59.4	58.7	63.8	61.5	60.7	59.4	58.7
		-15	68.2	65.8	65.0	63.7	62.9	68.2	65.8	65.0	63.7	62.9
		-12	75.0	72.4	71.6	70.3	69.5	75.0	72.4	71.6	70.3	69.5
		-10	79.5	76.9	76.1	74.8	74.0	79.5	76.9	76.1	74.8	74.0
		-5	91.3	88.5	87.7	86.3	85.6	91.3	88.5	87.7	86.3	85.6
		0	94.6	91.8	91.0	89.7	89.0	94.6	91.8	91.0	89.7	89.0
		5	96.0	93.3	92.5	91.2	90.5	96.0	93.3	92.5	91.2	90.5
	10	96.2	93.5	92.7	91.4	90.7	96.2	93.5	92.7	91.4	90.7	