

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-D300A1 (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-D300A1 (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 | | |

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