

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-D270MA1<br>液管断熱<br>有りモード<br>(R463A-J) | φ44.45     | 10        | 90.72        | 87.24 | 86.08 | 84.28 | 83.29 | 90.72 | 87.24 | 86.08 | 84.28 | 83.29 |
|  |            | 5         | 92.53        | 88.05 | 86.34 | 83.83 | 82.43 | 92.53 | 88.05 | 86.34 | 83.83 | 82.43 |
|  |            | 0         | 92.37        | 86.76 | 84.45 | 81.21 | 79.41 | 92.37 | 86.76 | 84.45 | 81.21 | 79.41 |
|  |            | -5        | 90.24        | 84.60 | 82.29 | 79.01 | 77.15 | 90.24 | 84.60 | 82.29 | 79.01 | 77.15 |
|  |            | -10       | 77.10        | 72.24 | 70.17 | 67.24 | 65.58 | 77.10 | 72.24 | 70.17 | 67.24 | 65.58 |
|  |            | -12       | 72.29        | 67.66 | 65.68 | 62.89 | 61.32 | 72.29 | 67.66 | 65.68 | 62.89 | 61.32 |
|  |            | -15       | 65.45        | 61.17 | 59.33 | 56.76 | 55.31 | 65.45 | 61.17 | 59.33 | 56.76 | 55.31 |
|  |            | -17       | 61.15        | 57.09 | 55.35 | 52.92 | 51.55 | 61.15 | 57.09 | 55.35 | 52.92 | 51.55 |
|  | -20        | 55.08     | 51.36        | 49.76 | 47.53 | 46.28 | 55.08 | 51.36 | 49.76 | 47.53 | 46.28 |       |
|  | φ50.8      | 10        | 90.72        | 88.47 | 88.03 | 87.20 | 86.79 | 90.72 | 88.47 | 88.03 | 87.20 | 86.79 |
|  |            | 5         | 92.53        | 89.73 | 88.97 | 87.71 | 87.03 | 92.53 | 89.73 | 88.97 | 87.71 | 87.03 |
|  |            | 0         | 92.37        | 88.95 | 87.83 | 86.07 | 85.10 | 92.37 | 88.95 | 87.83 | 86.07 | 85.10 |
|  |            | -5        | 90.24        | 86.74 | 85.65 | 83.90 | 82.92 | 90.24 | 86.74 | 85.65 | 83.90 | 82.92 |
|  |            | -10       | 77.10        | 74.16 | 73.16 | 71.58 | 70.70 | 77.10 | 74.16 | 73.16 | 71.58 | 70.70 |
|  |            | -12       | 72.29        | 69.49 | 68.53 | 67.02 | 66.17 | 72.29 | 69.49 | 68.53 | 67.02 | 66.17 |
|  |            | -15       | 65.45        | 62.87 | 61.97 | 60.56 | 59.77 | 65.45 | 62.87 | 61.97 | 60.56 | 59.77 |
|  |            | -17       | 61.15        | 58.70 | 57.85 | 56.51 | 55.76 | 61.15 | 58.70 | 57.85 | 56.51 | 55.76 |
|  | -20        | 55.08     | 52.85        | 52.05 | 50.82 | 50.13 | 55.08 | 52.85 | 52.05 | 50.82 | 50.13 |       |
|  | φ53.98     | 10        | 90.72        | 88.81 | 88.58 | 88.05 | 87.83 | 90.72 | 88.81 | 88.58 | 88.05 | 87.83 |
|  |            | 5         | 92.53        | 90.20 | 89.73 | 88.86 | 88.43 | 92.53 | 90.20 | 89.73 | 88.86 | 88.43 |
|  |            | 0         | 92.37        | 89.57 | 88.82 | 87.55 | 86.88 | 92.37 | 89.57 | 88.82 | 87.55 | 86.88 |
|  |            | -5        | 90.24        | 87.35 | 86.62 | 85.37 | 84.70 | 90.24 | 87.35 | 86.62 | 85.37 | 84.70 |
|  |            | -10       | 77.10        | 74.71 | 74.03 | 72.90 | 72.28 | 77.10 | 74.71 | 74.03 | 72.90 | 72.28 |
|  |            | -12       | 72.29        | 70.01 | 69.36 | 68.27 | 67.68 | 72.29 | 70.01 | 69.36 | 68.27 | 67.68 |
| -15  |            | 65.45     | 63.35        | 62.74 | 61.72 | 61.17 | 65.45 | 63.35 | 62.74 | 61.72 | 61.17 |       |
| -17  |            | 61.15     | 59.16        | 58.58 | 57.61 | 57.08 | 61.15 | 59.16 | 58.58 | 57.61 | 57.08 |       |
| -20  | 55.08      | 53.27     | 52.72        | 51.83 | 51.34 | 55.08 | 53.27 | 52.72 | 51.83 | 51.34 |       |       |
| ECOV-D270MA1<br>液管断熱<br>無しモード<br>(R463A-J) | φ44.45     | 10        | 87.69        | 84.48 | 83.45 | 81.82 | 80.93 | 87.69 | 84.48 | 83.45 | 81.82 | 80.93 |
|  |            | 5         | 88.57        | 84.55 | 83.06 | 80.84 | 79.61 | 88.57 | 84.55 | 83.06 | 80.84 | 79.61 |
|  |            | 0         | 87.39        | 82.52 | 80.56 | 77.75 | 76.18 | 87.39 | 82.52 | 80.56 | 77.75 | 76.18 |
|  |            | -5        | 84.15        | 78.83 | 76.69 | 73.67 | 71.99 | 84.15 | 78.83 | 76.69 | 73.67 | 71.99 |
|  |            | -10       | 70.00        | 65.77 | 64.02 | 61.56 | 60.18 | 70.00 | 65.77 | 64.02 | 61.56 | 60.18 |
|  |            | -12       | 64.98        | 61.08 | 59.47 | 57.21 | 55.95 | 64.98 | 61.08 | 59.47 | 57.21 | 55.95 |
|  |            | -15       | 58.02        | 54.60 | 53.20 | 51.22 | 50.12 | 58.02 | 54.60 | 53.20 | 51.22 | 50.12 |
|  |            | -17       | 53.79        | 50.66 | 49.38 | 47.58 | 46.58 | 53.79 | 50.66 | 49.38 | 47.58 | 46.58 |
|  | -20        | 48.03     | 45.31        | 44.21 | 42.65 | 41.79 | 48.03 | 45.31 | 44.21 | 42.65 | 41.79 |       |
|  | φ50.8      | 10        | 87.69        | 85.59 | 85.22 | 84.49 | 84.14 | 87.69 | 85.59 | 85.22 | 84.49 | 84.14 |
|  |            | 5         | 88.57        | 86.03 | 85.40 | 84.31 | 83.73 | 88.57 | 86.03 | 85.40 | 84.31 | 83.73 |
|  |            | 0         | 87.39        | 84.40 | 83.48 | 81.99 | 81.18 | 87.39 | 84.40 | 83.48 | 81.99 | 81.18 |
|  |            | -5        | 84.15        | 80.84 | 79.81 | 78.17 | 77.27 | 84.15 | 80.84 | 79.81 | 78.17 | 77.27 |
|  |            | -10       | 70.00        | 67.43 | 66.58 | 65.25 | 64.51 | 70.00 | 67.43 | 66.58 | 65.25 | 64.51 |
|  |            | -12       | 64.98        | 62.60 | 61.83 | 60.60 | 59.93 | 64.98 | 62.60 | 61.83 | 60.60 | 59.93 |
|  |            | -15       | 58.02        | 55.93 | 55.26 | 54.20 | 53.61 | 58.02 | 55.93 | 55.26 | 54.20 | 53.61 |
|  |            | -17       | 53.79        | 51.87 | 51.26 | 50.30 | 49.76 | 53.79 | 51.87 | 51.26 | 50.30 | 49.76 |
|  | -20        | 48.03     | 46.35        | 45.84 | 45.00 | 44.55 | 48.03 | 46.35 | 45.84 | 45.00 | 44.55 |       |
|  | φ53.98     | 10        | 87.69        | 85.91 | 85.72 | 85.26 | 85.09 | 87.69 | 85.91 | 85.72 | 85.26 | 85.09 |
|  |            | 5         | 88.57        | 86.45 | 86.07 | 85.33 | 84.98 | 88.57 | 86.45 | 86.07 | 85.33 | 84.98 |
|  |            | 0         | 87.39        | 84.93 | 84.33 | 83.27 | 82.73 | 87.39 | 84.93 | 84.33 | 83.27 | 82.73 |
|  |            | -5        | 84.15        | 81.42 | 80.72 | 79.55 | 78.92 | 84.15 | 81.42 | 80.72 | 79.55 | 78.92 |
|  |            | -10       | 70.00        | 67.90 | 67.33 | 66.37 | 65.86 | 70.00 | 67.90 | 67.33 | 66.37 | 65.86 |
|  |            | -12       | 64.98        | 63.03 | 62.52 | 61.64 | 61.17 | 64.98 | 63.03 | 62.52 | 61.64 | 61.17 |
| -15  |            | 58.02     | 56.31        | 55.87 | 55.10 | 54.70 | 58.02 | 56.31 | 55.87 | 55.10 | 54.70 |       |
| -17  |            | 53.79     | 52.22        | 51.81 | 51.12 | 50.76 | 53.79 | 52.22 | 51.81 | 51.12 | 50.76 |       |
| -20  | 48.03      | 46.65     | 46.31        | 45.72 | 45.41 | 48.03 | 46.65 | 46.31 | 45.72 | 45.41 |       |       |

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<br>配管径<br>(mm) | 蒸発温度<br>(℃) | 配管相当長別能力(kW) |       |       |       |       |       |       |       |       |       |
|---|-------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|   |                   |             | 50Hz         |       |       |       |       | 60Hz  |       |       |       |       |
|   |                   |             | 0m           | 30m   | 50m   | 80m   | 100m  | 0m    | 30m   | 50m   | 80m   | 100m  |
| ECOVD270MA1<br>液管断熱<br>有りモード<br>(R410A) | φ44.45            | 10          | 98.69        | 94.69 | 93.30 | 91.18 | 90.01 | 98.69 | 94.69 | 93.30 | 91.18 | 90.01 |
|   |                   | 5           | 99.63        | 94.65 | 92.73 | 89.93 | 88.36 | 99.63 | 94.65 | 92.73 | 89.93 | 88.36 |
|   |                   | 0           | 98.41        | 92.41 | 89.94 | 86.47 | 84.54 | 98.41 | 92.41 | 89.94 | 86.47 | 84.54 |
|   |                   | -5          | 95.04        | 89.40 | 87.01 | 83.60 | 81.67 | 95.04 | 89.40 | 87.01 | 83.60 | 81.67 |
|   |                   | -10         | 81.78        | 76.70 | 74.53 | 71.47 | 69.74 | 81.78 | 76.70 | 74.53 | 71.47 | 69.74 |
|   |                   | -12         | 76.79        | 71.94 | 69.87 | 66.94 | 65.29 | 76.79 | 71.94 | 69.87 | 66.94 | 65.29 |
|   |                   | -15         | 69.65        | 65.14 | 63.21 | 60.51 | 58.98 | 69.65 | 65.14 | 63.21 | 60.51 | 58.98 |
|   |                   | -17         | 65.12        | 60.85 | 59.01 | 56.44 | 55.00 | 65.12 | 60.85 | 59.01 | 56.44 | 55.00 |
|   | -20               | 58.67       | 54.74        | 53.05 | 50.70 | 49.37 | 58.67 | 54.74 | 53.05 | 50.70 | 49.37 |       |
|   | φ50.8             | 10          | 98.69        | 96.12 | 95.57 | 94.56 | 94.07 | 98.69 | 96.12 | 95.57 | 94.56 | 94.07 |
|   |                   | 5           | 99.63        | 96.53 | 95.67 | 94.23 | 93.46 | 99.63 | 96.53 | 95.67 | 94.23 | 93.46 |
|   |                   | 0           | 98.41        | 94.75 | 93.55 | 91.66 | 90.62 | 98.41 | 94.75 | 93.55 | 91.66 | 90.62 |
|   |                   | -5          | 95.04        | 91.62 | 90.49 | 88.69 | 87.68 | 95.04 | 91.62 | 90.49 | 88.69 | 87.68 |
|   |                   | -10         | 81.78        | 78.70 | 77.66 | 76.02 | 75.09 | 81.78 | 78.70 | 77.66 | 76.02 | 75.09 |
|   |                   | -12         | 76.79        | 73.85 | 72.85 | 71.28 | 70.39 | 76.79 | 73.85 | 72.85 | 71.28 | 70.39 |
|   |                   | -15         | 69.65        | 66.93 | 65.99 | 64.52 | 63.69 | 69.65 | 66.93 | 65.99 | 64.52 | 63.69 |
|   |                   | -17         | 65.12        | 62.54 | 61.64 | 60.24 | 59.45 | 65.12 | 62.54 | 61.64 | 60.24 | 59.45 |
|   | -20               | 58.67       | 56.31        | 55.47 | 54.18 | 53.45 | 58.67 | 56.31 | 55.47 | 54.18 | 53.45 |       |
|   | φ53.98            | 10          | 98.69        | 96.51 | 96.22 | 95.56 | 95.27 | 98.69 | 96.51 | 96.22 | 95.56 | 95.27 |
|   |                   | 5           | 99.63        | 97.06 | 96.52 | 95.52 | 95.02 | 99.63 | 97.06 | 96.52 | 95.52 | 95.02 |
|   |                   | 0           | 98.41        | 95.42 | 94.61 | 93.25 | 92.53 | 98.41 | 95.42 | 94.61 | 93.25 | 92.53 |
|   |                   | -5          | 95.04        | 92.25 | 91.50 | 90.21 | 89.52 | 95.04 | 92.25 | 91.50 | 90.21 | 89.52 |
|   |                   | -10         | 81.78        | 79.27 | 78.57 | 77.39 | 76.75 | 81.78 | 79.27 | 78.57 | 77.39 | 76.75 |
|   |                   | -12         | 76.79        | 74.40 | 73.72 | 72.59 | 71.97 | 76.79 | 74.40 | 73.72 | 72.59 | 71.97 |
| -15                                     |                   | 69.65       | 67.44        | 66.80 | 65.73 | 65.15 | 69.65 | 67.44 | 66.80 | 65.73 | 65.15 |       |
| -17                                     |                   | 65.12       | 63.02        | 62.41 | 61.40 | 60.84 | 65.12 | 63.02 | 62.41 | 61.40 | 60.84 |       |
| -20                                     | 58.67             | 56.75       | 56.18        | 55.24 | 54.72 | 58.67 | 56.75 | 56.18 | 55.24 | 54.72 |       |       |
| ECOVD270MA1<br>液管断熱<br>無しモード<br>(R410A) | φ44.45            | 10          | 94.94        | 91.29 | 90.07 | 88.18 | 87.15 | 94.94 | 91.29 | 90.07 | 88.18 | 87.15 |
|   |                   | 5           | 95.82        | 91.30 | 89.60 | 87.08 | 85.68 | 95.82 | 91.30 | 89.60 | 87.08 | 85.68 |
|   |                   | 0           | 94.64        | 89.20 | 86.99 | 83.86 | 82.11 | 94.64 | 89.20 | 86.99 | 83.86 | 82.11 |
|   |                   | -5          | 91.40        | 85.16 | 82.56 | 78.99 | 77.01 | 91.40 | 85.16 | 82.56 | 78.99 | 77.01 |
|   |                   | -10         | 75.26        | 70.37 | 68.33 | 65.51 | 63.95 | 75.26 | 70.37 | 68.33 | 65.51 | 63.95 |
|   |                   | -12         | 69.50        | 65.07 | 63.23 | 60.68 | 59.27 | 69.50 | 65.07 | 63.23 | 60.68 | 59.27 |
|   |                   | -15         | 61.56        | 57.77 | 56.21 | 54.04 | 52.84 | 61.56 | 57.77 | 56.21 | 54.04 | 52.84 |
|   |                   | -17         | 56.75        | 53.34 | 51.95 | 50.01 | 48.93 | 56.75 | 53.34 | 51.95 | 50.01 | 48.93 |
|   | -20               | 50.24       | 47.35        | 46.20 | 44.57 | 43.67 | 50.24 | 47.35 | 46.20 | 44.57 | 43.67 |       |
|   | φ50.8             | 10          | 94.94        | 92.57 | 92.11 | 91.24 | 90.82 | 94.94 | 92.57 | 92.11 | 91.24 | 90.82 |
|   |                   | 5           | 95.82        | 92.98 | 92.24 | 90.98 | 90.31 | 95.82 | 92.98 | 92.24 | 90.98 | 90.31 |
|   |                   | 0           | 94.64        | 91.31 | 90.26 | 88.58 | 87.66 | 94.64 | 91.31 | 90.26 | 88.58 | 87.66 |
|   |                   | -5          | 91.40        | 87.60 | 86.29 | 84.29 | 83.17 | 91.40 | 87.60 | 86.29 | 84.29 | 83.17 |
|   |                   | -10         | 75.26        | 72.29 | 71.28 | 69.71 | 68.84 | 75.26 | 72.29 | 71.28 | 69.71 | 68.84 |
|   |                   | -12         | 69.50        | 66.80 | 65.89 | 64.48 | 63.70 | 69.50 | 66.80 | 65.89 | 64.48 | 63.70 |
|   |                   | -15         | 61.56        | 59.25 | 58.49 | 57.29 | 56.64 | 61.56 | 59.25 | 58.49 | 57.29 | 56.64 |
|   |                   | -17         | 56.75        | 54.66 | 53.99 | 52.93 | 52.35 | 56.75 | 54.66 | 53.99 | 52.93 | 52.35 |
|   | -20               | 50.24       | 48.46        | 47.91 | 47.03 | 46.55 | 50.24 | 48.46 | 47.91 | 47.03 | 46.55 |       |
|   | φ53.98            | 10          | 94.94        | 92.93 | 92.69 | 92.13 | 91.91 | 94.94 | 92.93 | 92.69 | 92.13 | 91.91 |
|   |                   | 5           | 95.82        | 93.45 | 93.00 | 92.14 | 91.72 | 95.82 | 93.45 | 93.00 | 92.14 | 91.72 |
|   |                   | 0           | 94.64        | 91.90 | 91.21 | 90.01 | 89.39 | 94.64 | 91.90 | 91.21 | 90.01 | 89.39 |
|   |                   | -5          | 91.40        | 88.30 | 87.40 | 85.93 | 85.13 | 91.40 | 88.30 | 87.40 | 85.93 | 85.13 |
|   |                   | -10         | 75.26        | 72.85 | 72.15 | 71.01 | 70.39 | 75.26 | 72.85 | 72.15 | 71.01 | 70.39 |
|   |                   | -12         | 69.50        | 67.30 | 66.68 | 65.66 | 65.11 | 69.50 | 67.30 | 66.68 | 65.66 | 65.11 |
| -15                                     |                   | 61.56       | 59.67        | 59.16 | 58.29 | 57.83 | 61.56 | 59.67 | 59.16 | 58.29 | 57.83 |       |
| -17                                     |                   | 56.75       | 55.04        | 54.59 | 53.83 | 53.42 | 56.75 | 55.04 | 54.59 | 53.83 | 53.42 |       |
| -20                                     | 50.24             | 48.78       | 48.42        | 47.79 | 47.46 | 50.24 | 48.78 | 48.42 | 47.79 | 47.46 |       |       |