

Heating ·50Hz 230V·

| ①   | ②     | Indoor air temperature [°C DB] |      |       |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----|-------|--------------------------------|------|-------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|     |       | 16°C                           |      | 18°C  |      | 20°C |      | 21°C |      | 22°C |      | 24°C |      |  |  |  |  |
|     |       | TC                             | PI   | TC    | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |  |  |  |  |
|     |       | kW                             | kW   | kW    | kW   | kW   | kW   | kW   | kW   | kW   | kW   | kW   | kW   |  |  |  |  |
| 1.5 | -15.0 | 2.59                           | 1.01 | 2.54  | 1.02 | 2.50 | 1.03 | 2.47 | 1.03 | 2.45 | 1.04 | 2.40 | 1.05 |  |  |  |  |
|     | -10.0 | 2.97                           | 1.05 | 2.92  | 1.05 | 2.87 | 1.06 | 2.85 | 1.06 | 2.83 | 1.07 | 2.78 | 1.08 |  |  |  |  |
|     | -5.0  | 3.34                           | 1.08 | 3.30  | 1.09 | 3.25 | 1.10 | 3.23 | 1.10 | 3.20 | 1.11 | 3.16 | 1.12 |  |  |  |  |
|     | 0.0   | 3.72                           | 1.12 | 3.67  | 1.13 | 3.63 | 1.14 | 3.60 | 1.15 | 3.58 | 1.15 | 3.54 | 1.16 |  |  |  |  |
|     | 6.0   | 4.17                           | 1.17 | 4.13  | 1.18 | 4.08 | 1.19 | 4.06 | 1.19 | 4.03 | 1.20 | 3.99 | 1.21 |  |  |  |  |
|     | 10.0  | 4.47                           | 1.20 | 4.43  | 1.21 | 4.38 | 1.22 | 4.36 | 1.23 | 4.34 | 1.23 | 4.29 | 1.24 |  |  |  |  |
|     | 15.0  | 4.85                           | 1.25 | 4.80  | 1.25 | 4.76 | 1.26 | 4.74 | 1.27 | 4.71 | 1.27 | 4.67 | 1.28 |  |  |  |  |
| 2.0 | -15.0 | 2.60                           | 0.98 | 2.55  | 0.99 | 2.51 | 1.00 | 2.48 | 1.01 | 2.46 | 1.01 | 2.41 | 1.02 |  |  |  |  |
|     | -10.0 | 2.98                           | 1.03 | 2.93  | 1.04 | 2.88 | 1.05 | 2.86 | 1.05 | 2.84 | 1.05 | 2.79 | 1.06 |  |  |  |  |
|     | -5.0  | 3.35                           | 1.07 | 3.31  | 1.08 | 3.26 | 1.09 | 3.24 | 1.10 | 3.21 | 1.10 | 3.17 | 1.11 |  |  |  |  |
|     | 0.0   | 3.73                           | 1.12 | 3.68  | 1.13 | 3.64 | 1.14 | 3.61 | 1.15 | 3.59 | 1.15 | 3.55 | 1.16 |  |  |  |  |
|     | 6.0   | 4.18                           | 1.18 | 4.14  | 1.19 | 4.09 | 1.19 | 4.07 | 1.20 | 4.04 | 1.20 | 4.00 | 1.21 |  |  |  |  |
|     | 10.0  | 4.48                           | 1.21 | 4.44  | 1.22 | 4.39 | 1.23 | 4.37 | 1.23 | 4.35 | 1.24 | 4.30 | 1.25 |  |  |  |  |
|     | 15.0  | 4.86                           | 1.26 | 4.81  | 1.27 | 4.77 | 1.28 | 4.75 | 1.28 | 4.72 | 1.29 | 4.68 | 1.30 |  |  |  |  |
| 2.5 | -15.0 | 2.81                           | 1.03 | 2.76  | 1.04 | 2.72 | 1.05 | 2.69 | 1.06 | 2.67 | 1.06 | 2.62 | 1.07 |  |  |  |  |
|     | -10.0 | 3.19                           | 1.08 | 3.14  | 1.09 | 3.09 | 1.10 | 3.07 | 1.11 | 3.05 | 1.11 | 3.00 | 1.12 |  |  |  |  |
|     | -5.0  | 3.56                           | 1.12 | 3.52  | 1.13 | 3.47 | 1.14 | 3.45 | 1.15 | 3.42 | 1.15 | 3.38 | 1.20 |  |  |  |  |
|     | 0.0   | 3.94                           | 1.17 | 3.89  | 1.18 | 3.85 | 1.19 | 3.82 | 1.20 | 3.80 | 1.20 | 3.76 | 1.21 |  |  |  |  |
|     | 6.0   | 4.39                           | 1.22 | 4.35  | 1.23 | 4.30 | 1.24 | 4.28 | 1.25 | 4.25 | 1.25 | 4.21 | 1.26 |  |  |  |  |
|     | 10.0  | 4.68                           | 1.26 | 4.64  | 1.27 | 4.59 | 1.28 | 4.57 | 1.28 | 4.55 | 1.29 | 4.50 | 1.30 |  |  |  |  |
|     | 15.0  | 5.06                           | 1.31 | 5.01  | 1.31 | 4.97 | 1.32 | 4.95 | 1.32 | 4.92 | 1.33 | 4.88 | 1.34 |  |  |  |  |
| 3.5 | -15.0 | 2.91                           | 1.36 | 2.86  | 1.37 | 2.82 | 1.39 | 2.79 | 1.40 | 2.77 | 1.40 | 2.72 | 1.42 |  |  |  |  |
|     | -10.0 | 3.29                           | 1.43 | 3.24  | 1.43 | 3.19 | 1.45 | 3.17 | 1.46 | 3.15 | 1.46 | 3.10 | 1.48 |  |  |  |  |
|     | -5.0  | 3.84                           | 1.49 | 3.77  | 1.50 | 3.70 | 1.52 | 3.67 | 1.53 | 3.64 | 1.53 | 3.57 | 1.55 |  |  |  |  |
|     | 0.0   | 4.38                           | 1.56 | 4.31  | 1.57 | 4.25 | 1.59 | 4.21 | 1.59 | 4.18 | 1.60 | 4.11 | 1.62 |  |  |  |  |
|     | 6.0   | 5.03                           | 1.63 | 4.97  | 1.64 | 4.90 | 1.66 | 4.87 | 1.67 | 4.83 | 1.68 | 4.77 | 1.69 |  |  |  |  |
|     | 10.0  | 5.47                           | 1.69 | 5.40  | 1.70 | 5.34 | 1.72 | 5.30 | 1.72 | 5.27 | 1.73 | 5.20 | 1.75 |  |  |  |  |
|     | 15.0  | 6.01                           | 1.75 | 5.95  | 1.77 | 5.88 | 1.78 | 5.85 | 1.79 | 5.81 | 1.80 | 5.75 | 1.81 |  |  |  |  |
| 4.2 | -15.0 | 3.55                           | 2.20 | 3.48  | 2.22 | 3.41 | 2.24 | 3.38 | 2.25 | 3.35 | 2.25 | 3.28 | 2.28 |  |  |  |  |
|     | -10.0 | 4.09                           | 2.29 | 4.02  | 2.30 | 3.96 | 2.33 | 3.93 | 2.34 | 3.89 | 2.34 | 3.83 | 2.37 |  |  |  |  |
|     | -5.0  | 4.64                           | 2.38 | 4.57  | 2.39 | 4.50 | 2.42 | 4.47 | 2.43 | 4.44 | 2.43 | 4.37 | 2.46 |  |  |  |  |
|     | 0.0   | 5.18                           | 2.47 | 5.11  | 2.48 | 5.05 | 2.51 | 5.01 | 2.51 | 4.98 | 2.52 | 4.91 | 2.55 |  |  |  |  |
|     | 6.0   | 5.83                           | 2.57 | 5.77  | 2.59 | 5.70 | 2.61 | 5.67 | 2.63 | 5.63 | 2.64 | 5.57 | 2.65 |  |  |  |  |
|     | 10.0  | 6.27                           | 2.65 | 6.20  | 2.66 | 6.14 | 2.69 | 6.10 | 2.69 | 6.07 | 2.70 | 6.00 | 2.73 |  |  |  |  |
|     | 15.0  | 6.81                           | 2.73 | 6.75  | 2.75 | 6.68 | 2.77 | 6.65 | 2.78 | 6.61 | 2.79 | 6.55 | 2.80 |  |  |  |  |
| 5.0 | -15.0 | 3.87                           | 2.48 | 3.77  | 2.50 | 3.68 | 2.53 | 3.63 | 2.54 | 3.59 | 2.56 | 3.49 | 2.58 |  |  |  |  |
|     | -10.0 | 4.63                           | 2.60 | 4.54  | 2.63 | 4.45 | 2.65 | 4.40 | 2.67 | 4.35 | 2.68 | 4.26 | 2.71 |  |  |  |  |
|     | -5.0  | 5.40                           | 2.73 | 5.31  | 2.75 | 5.21 | 2.78 | 5.17 | 2.80 | 5.12 | 2.81 | 5.03 | 2.83 |  |  |  |  |
|     | 0.0   | 6.17                           | 2.86 | 6.07  | 2.88 | 5.98 | 2.90 | 5.93 | 2.91 | 5.89 | 2.94 | 5.79 | 2.96 |  |  |  |  |
|     | 6.0   | 7.09                           | 3.00 | 6.99  | 3.03 | 6.90 | 3.06 | 6.85 | 3.07 | 6.81 | 3.08 | 6.71 | 3.12 |  |  |  |  |
|     | 10.0  | 7.70                           | 3.10 | 7.61  | 3.13 | 7.51 | 3.16 | 7.44 | 3.17 | 7.26 | 3.19 | 6.90 | 3.22 |  |  |  |  |
|     | 15.0  | 8.33                           | 3.12 | 7.97  | 3.15 | 7.61 | 3.19 | 7.54 | 3.20 | 7.36 | 3.21 | 7.00 | 3.24 |  |  |  |  |
| 6.0 | -15.0 | 6.34                           | 3.16 | 6.26  | 3.19 | 6.18 | 3.22 | 6.14 | 3.23 | 6.10 | 3.25 | 6.02 | 3.28 |  |  |  |  |
|     | -10.0 | 6.99                           | 3.29 | 6.91  | 3.32 | 6.83 | 3.35 | 6.79 | 3.36 | 6.75 | 3.38 | 6.67 | 3.41 |  |  |  |  |
|     | -5.0  | 7.64                           | 3.42 | 7.56  | 3.45 | 7.48 | 3.49 | 7.44 | 3.51 | 7.40 | 3.52 | 7.32 | 3.55 |  |  |  |  |
|     | 0.0   | 8.29                           | 3.56 | 8.21  | 3.59 | 8.13 | 3.62 | 8.09 | 3.64 | 8.05 | 3.65 | 7.97 | 3.68 |  |  |  |  |
|     | 6.0   | 9.07                           | 3.72 | 8.99  | 3.75 | 8.91 | 3.78 | 8.87 | 3.79 | 8.83 | 3.81 | 8.75 | 3.84 |  |  |  |  |
|     | 10.0  | 9.59                           | 3.82 | 9.51  | 3.85 | 9.43 | 3.88 | 9.39 | 3.89 | 9.32 | 3.92 | 8.97 | 3.95 |  |  |  |  |
|     | 15.0  | 10.24                          | 3.82 | 10.03 | 3.86 | 9.68 | 3.89 | 9.50 | 3.92 | 9.34 | 3.95 | 8.99 | 3.98 |  |  |  |  |

| ①       | ②     | Indoor air temperature [°C DB] |      |       |      |       |      |       |      |       |      |       |      |
|---------|-------|--------------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|         |       | 16°C                           |      | 18°C  |      | 20°C  |      | 21°C  |      | 22°C  |      | 24°C  |      |
|         |       | TC                             | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
|         |       | kW                             | kW   | kW    | kW   | kW    | kW   | kW    | kW   | kW    | kW   | kW    | kW   |
| 1.5+1.5 | -15.0 | 3.74                           | 1.53 | 3.64  | 1.56 | 3.54  | 1.58 | 3.49  | 1.59 | 3.44  | 1.60 | 3.35  | 1.62 |
|         | -10.0 | 4.55                           | 1.63 | 4.45  | 1.65 | 4.35  | 1.68 | 4.31  | 1.69 | 4.25  | 1.70 | 4.16  | 1.72 |
|         | -5.0  | 5.36                           | 1.74 | 5.27  | 1.76 | 5.16  | 1.79 | 5.12  | 1.80 | 5.07  | 1.81 | 4.97  | 1.83 |
|         | 0.0   | 6.18                           | 1.84 | 6.08  | 1.86 | 5.98  | 1.88 | 5.93  | 1.90 | 5.88  | 1.91 | 5.78  | 1.93 |
|         | 6.0   | 7.15                           | 1.96 | 7.06  | 1.98 | 6.96  | 2.00 | 6.91  | 2.02 | 6.85  | 2.03 | 6.76  | 2.05 |
|         | 10.0  | 7.80                           | 2.04 | 7.71  | 2.06 | 7.61  | 2.08 | 7.56  | 2.09 | 7.50  | 2.10 | 7.41  | 2.13 |
|         | 15.0  | 8.61                           | 2.15 | 8.52  | 2.17 | 8.42  | 2.19 | 8.37  | 2.20 | 8.32  | 2.21 | 8.22  | 2.23 |
| 1.5+2.0 | -15.0 | 3.90                           | 1.57 | 3.80  | 1.59 | 3.71  | 1.61 | 3.66  | 1.62 | 3.61  | 1.63 | 3.52  | 1.65 |
|         | -10.0 | 4.67                           | 1.66 | 4.57  | 1.68 | 4.48  | 1.70 | 4.44  | 1.71 | 4.38  | 1.72 | 4.29  | 1.74 |
|         | -5.0  | 5.44                           | 1.76 | 5.35  | 1.78 | 5.25  | 1.80 | 5.21  | 1.81 | 5.16  | 1.82 | 5.06  | 1.84 |
|         | 0.0   | 6.22                           | 1.85 | 6.12  | 1.87 | 6.02  | 1.89 | 5.98  | 1.90 | 5.93  | 1.91 | 5.84  | 1.93 |
|         | 6.0   | 7.14                           | 1.96 | 7.05  | 1.98 | 6.96  | 2.00 | 6.91  | 2.01 | 6.86  | 2.02 | 6.77  | 2.04 |
|         | 10.0  | 7.76                           | 2.03 | 7.67  | 2.05 | 7.57  | 2.08 | 7.53  | 2.09 | 7.48  | 2.10 | 7.39  | 2.12 |
|         | 15.0  | 8.53                           | 2.14 | 8.44  | 2.16 | 8.34  | 2.18 | 8.30  | 2.19 | 8.26  | 2.20 | 8.16  | 2.22 |
| 1.5+2.5 | -15.0 | 4.54                           | 2.39 | 4.44  | 2.42 | 4.33  | 2.45 | 4.27  | 2.46 | 4.22  | 2.48 | 4.12  | 2.51 |
|         | -10.0 | 5.40                           | 2.52 | 5.29  | 2.55 | 5.19  | 2.58 | 5.14  | 2.60 | 5.08  | 2.61 | 4.98  | 2.64 |
|         | -5.0  | 6.26                           | 2.67 | 6.16  | 2.70 | 6.05  | 2.73 | 6.00  | 2.74 | 5.95  | 2.76 | 5.84  | 2.79 |
|         | 0.0   | 7.13                           | 2.80 | 7.02  | 2.83 | 6.91  | 2.86 | 6.86  | 2.88 | 6.81  | 2.89 | 6.70  | 2.92 |
|         | 6.0   | 8.16                           | 2.96 | 8.06  | 2.99 | 7.95  | 3.02 | 7.90  | 3.04 | 7.84  | 3.05 | 7.74  | 3.08 |
|         | 10.0  | 8.85                           | 3.07 | 8.75  | 3.10 | 8.64  | 3.12 | 8.59  | 3.14 | 8.53  | 3.15 | 8.43  | 3.18 |
|         | 15.0  | 9.70                           | 3.21 | 9.60  | 3.24 | 9.49  | 3.27 | 9.44  | 3.29 | 9.39  | 3.30 | 9.28  | 3.33 |
| 1.5+3.5 | -15.0 | 4.78                           | 2.54 | 4.66  | 2.57 | 4.54  | 2.60 | 4.49  | 2.63 | 4.43  | 2.64 | 4.31  | 2.67 |
|         | -10.0 | 5.72                           | 2.68 | 5.60  | 2.72 | 5.49  | 2.75 | 5.43  | 2.76 | 5.37  | 2.79 | 5.26  | 2.82 |
|         | -5.0  | 6.66                           | 2.83 | 6.54  | 2.87 | 6.43  | 2.90 | 6.37  | 2.92 | 6.31  | 2.93 | 6.20  | 2.97 |
|         | 0.0   | 7.60                           | 2.98 | 7.49  | 3.03 | 7.37  | 3.05 | 7.31  | 3.07 | 7.25  | 3.08 | 7.14  | 3.12 |
|         | 6.0   | 8.73                           | 3.16 | 8.62  | 3.20 | 8.50  | 3.23 | 8.44  | 3.25 | 8.38  | 3.26 | 8.27  | 3.30 |
|         | 10.0  | 9.48                           | 3.29 | 9.37  | 3.31 | 9.25  | 3.36 | 9.20  | 3.37 | 9.14  | 3.38 | 9.02  | 3.41 |
|         | 15.0  | 10.43                          | 3.44 | 10.31 | 3.47 | 10.20 | 3.51 | 10.14 | 3.52 | 10.08 | 3.53 | 9.91  | 3.55 |
| 1.5+4.2 | -15.0 | 5.13                           | 2.63 | 5.01  | 2.65 | 4.89  | 2.68 | 4.84  | 2.70 | 4.78  | 2.72 | 4.66  | 2.74 |
|         | -10.0 | 6.07                           | 2.75 | 5.95  | 2.79 | 5.84  | 2.82 | 5.78  | 2.83 | 5.72  | 2.86 | 5.61  | 2.88 |
|         | -5.0  | 7.01                           | 2.89 | 6.89  | 2.93 | 6.78  | 2.96 | 6.72  | 2.97 | 6.66  | 2.98 | 6.55  | 3.02 |
|         | 0.0   | 7.95                           | 3.03 | 7.84  | 3.07 | 7.72  | 3.10 | 7.66  | 3.11 | 7.60  | 3.12 | 7.49  | 3.16 |
|         | 6.0   | 9.08                           | 3.20 | 8.97  | 3.24 | 8.85  | 3.26 | 8.79  | 3.28 | 8.73  | 3.29 | 8.62  | 3.33 |
|         | 10.0  | 9.83                           | 3.31 | 9.72  | 3.34 | 9.60  | 3.38 | 9.55  | 3.39 | 9.49  | 3.40 | 9.37  | 3.43 |
|         | 15.0  | 10.78                          | 3.45 | 10.66 | 3.48 | 10.55 | 3.52 | 10.49 | 3.53 | 10.43 | 3.54 | 10.26 | 3.55 |
| 1.5+5.0 | -15.0 | 5.85                           | 2.95 | 5.71  | 2.99 | 5.57  | 3.03 | 5.50  | 3.04 | 5.43  | 3.07 | 5.29  | 3.09 |
|         | -10.0 | 6.99                           | 3.12 | 6.85  | 3.16 | 6.71  | 3.20 | 6.64  | 3.22 | 6.57  | 3.23 | 6.43  | 3.27 |
|         | -5.0  | 8.14                           | 3.30 | 8.00  | 3.34 | 7.86  | 3.36 | 7.79  | 3.39 | 7.72  | 3.40 | 7.58  | 3.44 |
|         | 0.0   | 9.28                           | 3.47 | 9.14  | 3.50 | 9.00  | 3.54 | 8.93  | 3.56 | 8.86  | 3.58 | 8.72  | 3.62 |
|         | 6.0   | 10.66                          | 3.67 | 10.52 | 3.71 | 10.38 | 3.75 | 10.31 | 3.76 | 10.24 | 3.79 | 10.10 | 3.83 |
|         | 10.0  | 11.58                          | 3.81 | 11.44 | 3.85 | 11.30 | 3.89 | 11.23 | 3.90 | 11.16 | 3.93 | 10.85 | 3.96 |
|         | 15.0  | 12.72                          | 3.98 | 12.58 | 4.02 | 12.44 | 4.05 | 12.40 | 4.07 | 12.34 | 4.08 | 12.12 | 4.12 |
| 1.5+6.0 | -15.0 | 6.02                           | 2.79 | 5.88  | 2.83 | 5.74  | 2.87 | 5.67  | 2.88 | 5.60  | 2.91 | 5.46  | 2.94 |
|         | -10.0 | 7.16                           | 2.96 | 7.02  | 3.00 | 6.88  | 3.04 | 6.81  | 3.07 | 6.74  | 3.09 | 6.60  | 3.13 |
|         | -5.0  | 8.30                           | 3.15 | 8.16  | 3.19 | 8.02  | 3.22 | 7.95  | 3.25 | 7.88  | 3.26 | 7.74  | 3.30 |
|         | 0.0   | 9.44                           | 3.33 | 9.30  | 3.37 | 9.16  | 3.41 | 9.09  | 3.43 | 9.02  | 3.45 | 8.88  | 3.49 |
|         | 6.0   | 10.81                          | 3.55 | 10.67 | 3.59 | 10.53 | 3.63 | 10.46 | 3.64 | 10.39 | 3.67 | 10.25 | 3.71 |
|         | 10.0  | 11.73                          | 3.70 | 11.59 | 3.74 | 11.45 | 3.78 | 11.38 | 3.79 | 11.31 | 3.82 | 11.00 | 3.85 |
|         | 15.0  | 12.86                          | 3.87 | 12.72 | 3.91 | 12.28 | 3.94 | 11.96 | 3.97 | 11.64 | 4.00 | 11.02 | 4.02 |