

**ERQ125AW1**

**Cooling**

TC: Total capacity, kW; PI: Power Input, kW (Comp. + Outdoor fan motor)

| Combination %<br>kW<br>(Capacity index) | Outdoor<br>air temp.<br>(°CDB) | Indoor air temp. °CWB |      |           |      |           |      |           |      |           |      |           |      |           |      |      |
|---|--------------------------------|-----------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|------|
|   |                                | 14.0 °CWB             |      | 16.0 °CWB |      | 18.0 °CWB |      | 19.0 °CWB |      | 20.0 °CWB |      | 22.0 °CWB |      | 24.0 °CWB |      |      |
|   |                                | 20.0 °CDB             |      | 23.0 °CDB |      | 26.0 °CDB |      | 27.0 °CDB |      | 28.0 °CDB |      | 30.0 °CDB |      | 32.0 °CDB |      |      |
|   |                                | TC                    | PI   | TC        | PI   | TC        | PI   | TC        | PI   | TC        | PI   | TC        | PI   | TC        | PI   |      |
| 60%<br>8.40 kW<br>(75)                  | 10                             | 5.67                  | 0.74 | 6.76      | 0.87 | 7.85      | 1.00 | 8.40      | 1.07 | 8.95      | 1.14 | 10.0      | 1.29 | 11.1      | 1.45 |      |
|   | 12                             | 5.67                  | 0.75 | 6.76      | 0.88 | 7.85      | 1.02 | 8.40      | 1.09 | 8.95      | 1.16 | 10.0      | 1.32 | 11.1      | 1.48 |      |
|   | 14                             | 5.67                  | 0.76 | 6.76      | 0.89 | 7.85      | 1.03 | 8.40      | 1.11 | 8.95      | 1.18 | 10.0      | 1.34 | 11.1      | 1.50 |      |
|   | 16                             | 5.67                  | 0.77 | 6.76      | 0.91 | 7.85      | 1.05 | 8.40      | 1.13 | 8.95      | 1.21 | 10.0      | 1.37 | 11.1      | 1.53 |      |
|   | 18                             | 5.67                  | 0.78 | 6.76      | 0.92 | 7.85      | 1.07 | 8.40      | 1.15 | 8.95      | 1.23 | 10.0      | 1.39 | 11.1      | 1.56 |      |
|   | 20                             | 5.67                  | 0.79 | 6.76      | 0.94 | 7.85      | 1.09 | 8.40      | 1.17 | 8.95      | 1.25 | 10.0      | 1.42 | 11.1      | 1.59 |      |
|   | 21                             | 5.67                  | 0.80 | 6.76      | 0.95 | 7.85      | 1.10 | 8.40      | 1.18 | 8.95      | 1.26 | 10.0      | 1.43 | 11.1      | 1.61 |      |
|   | 23                             | 5.67                  | 0.81 | 6.76      | 0.96 | 7.85      | 1.12 | 8.40      | 1.20 | 8.95      | 1.29 | 10.0      | 1.49 | 11.1      | 1.71 |      |
|   | 25                             | 5.67                  | 0.83 | 6.76      | 0.98 | 7.85      | 1.16 | 8.40      | 1.26 | 8.95      | 1.37 | 10.0      | 1.59 | 11.1      | 1.83 |      |
|   | 27                             | 5.67                  | 0.86 | 6.76      | 1.04 | 7.85      | 1.24 | 8.40      | 1.35 | 8.95      | 1.46 | 10.0      | 1.70 | 11.1      | 1.95 |      |
|   | 29                             | 5.67                  | 0.91 | 6.76      | 1.10 | 7.85      | 1.32 | 8.40      | 1.43 | 8.95      | 1.55 | 10.0      | 1.81 | 11.1      | 2.08 |      |
|   | 31                             | 5.67                  | 0.96 | 6.76      | 1.17 | 7.85      | 1.40 | 8.40      | 1.52 | 8.95      | 1.65 | 10.0      | 1.92 | 11.1      | 2.22 |      |
|   | 33                             | 5.67                  | 1.02 | 6.76      | 1.24 | 7.85      | 1.48 | 8.40      | 1.62 | 8.95      | 1.75 | 10.0      | 2.05 | 11.1      | 2.36 |      |
|   | 35                             | 5.67                  | 1.08 | 6.76      | 1.31 | 7.85      | 1.58 | 8.40      | 1.72 | 8.95      | 1.86 | 10.0      | 2.18 | 11.1      | 2.51 |      |
|   | 37                             | 5.67                  | 1.14 | 6.76      | 1.39 | 7.85      | 1.67 | 8.40      | 1.82 | 8.95      | 1.98 | 10.0      | 2.31 | 11.1      | 2.67 |      |
|   | 39                             | 5.67                  | 1.20 | 6.76      | 1.47 | 7.85      | 1.77 | 8.40      | 1.93 | 8.95      | 2.10 | 10.0      | 2.46 | 11.1      | 2.84 |      |
|   | 50%<br>7.00 kW<br>(63)         | 10                    | 4.72 | 0.63      | 5.63 | 0.73      | 6.54 | 0.84      | 7.00 | 0.89      | 7.46 | 0.95      | 8.37 | 1.07      | 9.28 | 1.19 |
|   |                                | 12                    | 4.72 | 0.64      | 5.63 | 0.74      | 6.54 | 0.85      | 7.00 | 0.91      | 7.46 | 0.97      | 8.37 | 1.09      | 9.28 | 1.21 |
|   |                                | 14                    | 4.72 | 0.65      | 5.63 | 0.75      | 6.54 | 0.87      | 7.00 | 0.92      | 7.46 | 0.98      | 8.37 | 1.10      | 9.28 | 1.23 |
| 16                                      |                                | 4.72                  | 0.66 | 5.63      | 0.77 | 6.54      | 0.88 | 7.00      | 0.94 | 7.46      | 1.00 | 8.37      | 1.12 | 9.28      | 1.25 |      |
| 18                                      |                                | 4.72                  | 0.67 | 5.63      | 0.78 | 6.54      | 0.89 | 7.00      | 0.95 | 7.46      | 1.02 | 8.37      | 1.14 | 9.28      | 1.28 |      |
| 20                                      |                                | 4.72                  | 0.68 | 5.63      | 0.79 | 6.54      | 0.91 | 7.00      | 0.97 | 7.46      | 1.03 | 8.37      | 1.16 | 9.28      | 1.30 |      |
| 21                                      |                                | 4.72                  | 0.68 | 5.63      | 0.80 | 6.54      | 0.92 | 7.00      | 0.98 | 7.46      | 1.04 | 8.37      | 1.18 | 9.28      | 1.31 |      |
| 23                                      |                                | 4.72                  | 0.69 | 5.63      | 0.81 | 6.54      | 0.93 | 7.00      | 1.00 | 7.46      | 1.06 | 8.37      | 1.20 | 9.28      | 1.34 |      |
| 25                                      |                                | 4.72                  | 0.70 | 5.63      | 0.82 | 6.54      | 0.95 | 7.00      | 1.02 | 7.46      | 1.09 | 8.37      | 1.26 | 9.28      | 1.43 |      |
| 27                                      |                                | 4.72                  | 0.71 | 5.63      | 0.85 | 6.54      | 1.00 | 7.00      | 1.08 | 7.46      | 1.16 | 8.37      | 1.34 | 9.28      | 1.53 |      |
| 29                                      |                                | 4.72                  | 0.76 | 5.63      | 0.90 | 6.54      | 1.06 | 7.00      | 1.15 | 7.46      | 1.24 | 8.37      | 1.42 | 9.28      | 1.63 |      |
| 31                                      |                                | 4.72                  | 0.80 | 5.63      | 0.96 | 6.54      | 1.13 | 7.00      | 1.22 | 7.46      | 1.31 | 8.37      | 1.51 | 9.28      | 1.73 |      |
| 33                                      |                                | 4.72                  | 0.84 | 5.63      | 1.01 | 6.54      | 1.19 | 7.00      | 1.29 | 7.46      | 1.39 | 8.37      | 1.61 | 9.28      | 1.84 |      |
| 35                                      |                                | 4.72                  | 0.89 | 5.63      | 1.07 | 6.54      | 1.26 | 7.00      | 1.37 | 7.46      | 1.48 | 8.37      | 1.71 | 9.28      | 1.95 |      |
| 37                                      |                                | 4.72                  | 0.94 | 5.63      | 1.13 | 6.54      | 1.34 | 7.00      | 1.45 | 7.46      | 1.57 | 8.37      | 1.81 | 9.28      | 2.08 |      |
| 39                                      |                                | 4.72                  | 0.99 | 5.63      | 1.19 | 6.54      | 1.42 | 7.00      | 1.53 | 7.46      | 1.66 | 8.37      | 1.92 | 9.28      | 2.20 |      |