

## ERQ140AV1

## Heating

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

| Combination %<br>kW<br>(Capacity index) | Outdoor<br>air temp. |       | Indoor air temp. °CWB |          |          |          |          |          |          |          |          |          |          |          |
|---|----------------------|-------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|   |                      |       | 16.0                  |          | 18.0     |          | 20.0     |          | 21.0     |          | 22.0     |          | 24.0     |          |
|   | °CDB                 | °CWB  | TC<br>kW              | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW | TC<br>kW | PI<br>kW |
| 70%<br>12.60 kW<br>(105.0)              | -19.8                | -20.0 | 10.97                 | 4.59     | 10.94    | 4.71     | 10.92    | 4.82     | 10.91    | 4.88     | 10.90    | 4.94     | 10.88    | 5.06     |
|   | -18.8                | -19.0 | 11.30                 | 4.65     | 11.28    | 4.77     | 11.26    | 4.88     | 11.24    | 4.94     | 11.23    | 5.00     | 10.98    | 4.95     |
|   | -16.7                | -17.0 | 11.97                 | 4.77     | 11.95    | 4.88     | 11.92    | 4.99     | 11.91    | 5.04     | 11.79    | 5.02     | 10.98    | 4.61     |
|   | -14.7                | -15.0 | 12.64                 | 4.88     | 12.61    | 4.98     | 12.59    | 5.08     | 12.20    | 4.89     | 11.79    | 4.70     | 10.98    | 4.31     |
|   | -12.6                | -13.0 | 13.30                 | 4.98     | 13.28    | 5.07     | 12.60    | 4.78     | 12.20    | 4.59     | 11.79    | 4.41     | 10.98    | 4.06     |
|   | -10.5                | -11.0 | 13.97                 | 5.06     | 13.41    | 4.85     | 12.60    | 4.50     | 12.20    | 4.33     | 11.79    | 4.16     | 10.98    | 3.83     |
|   | -9.5                 | -10.0 | 14.22                 | 5.06     | 13.41    | 4.71     | 12.60    | 4.37     | 12.20    | 4.21     | 11.79    | 4.04     | 10.98    | 3.72     |
|   | -8.5                 | -9.1  | 14.22                 | 4.93     | 13.41    | 4.59     | 12.60    | 4.27     | 12.20    | 4.10     | 11.79    | 3.95     | 10.98    | 3.64     |
|   | -7.0                 | -7.6  | 14.22                 | 4.73     | 13.41    | 4.41     | 12.60    | 4.10     | 12.20    | 3.94     | 11.79    | 3.79     | 10.98    | 3.50     |
|   | -5.0                 | -5.6  | 14.22                 | 4.49     | 13.41    | 4.19     | 12.60    | 3.89     | 12.20    | 3.75     | 11.79    | 3.61     | 10.98    | 3.33     |
|   | -3.0                 | -3.7  | 14.22                 | 4.28     | 13.41    | 4.00     | 12.60    | 3.72     | 12.20    | 3.58     | 11.79    | 3.45     | 10.98    | 3.19     |
|   | 0.0                  | -0.7  | 14.22                 | 3.99     | 13.41    | 3.73     | 12.60    | 3.48     | 12.20    | 3.35     | 11.79    | 3.23     | 10.98    | 2.99     |
|   | 3.0                  | 2.2   | 14.22                 | 3.75     | 13.41    | 3.51     | 12.60    | 3.27     | 12.20    | 3.16     | 11.79    | 3.04     | 10.98    | 2.82     |
|   | 5.0                  | 4.1   | 14.22                 | 3.61     | 13.41    | 3.38     | 12.60    | 3.15     | 12.20    | 3.04     | 11.79    | 2.93     | 10.98    | 2.72     |
|   | 7.0                  | 6.0   | 14.22                 | 3.48     | 13.41    | 3.26     | 12.60    | 3.04     | 12.20    | 2.93     | 11.79    | 2.83     | 10.98    | 2.62     |
| 9.0                                     | 7.9                  | 14.22 | 3.35                  | 13.41    | 3.14     | 12.60    | 2.94     | 12.20    | 2.84     | 11.79    | 2.74     | 10.98    | 2.54     |          |
| 11.0                                    | 9.8                  | 14.22 | 3.24                  | 13.41    | 3.04     | 12.60    | 2.84     | 12.20    | 2.74     | 11.79    | 2.65     | 10.98    | 2.46     |          |
| 13.0                                    | 11.8                 | 14.22 | 3.13                  | 13.41    | 2.94     | 12.60    | 2.75     | 12.20    | 2.66     | 11.79    | 2.56     | 10.98    | 2.38     |          |
| 15.0                                    | 13.7                 | 14.22 | 3.03                  | 13.41    | 2.85     | 12.60    | 2.67     | 12.20    | 2.58     | 11.79    | 2.49     | 10.98    | 2.31     |          |
| 60%<br>10.80 kW<br>(90.0)               | -19.8                | -20.0 | 10.91                 | 4.88     | 10.89    | 4.99     | 10.80    | 5.03     | 10.45    | 4.84     | 10.11    | 4.64     | 9.41     | 4.27     |
|   | -18.8                | -19.0 | 11.24                 | 4.94     | 11.23    | 5.04     | 10.80    | 4.85     | 10.45    | 4.66     | 10.11    | 4.48     | 9.41     | 4.12     |
|   | -16.7                | -17.0 | 11.91                 | 5.04     | 11.49    | 4.87     | 10.80    | 4.52     | 10.45    | 4.35     | 10.11    | 4.18     | 9.41     | 3.84     |
|   | -14.7                | -15.0 | 12.19                 | 4.89     | 11.49    | 4.55     | 10.80    | 4.23     | 10.45    | 4.07     | 10.11    | 3.91     | 9.41     | 3.61     |
|   | -12.6                | -13.0 | 12.19                 | 4.59     | 11.49    | 4.28     | 10.80    | 3.98     | 10.45    | 3.83     | 10.11    | 3.69     | 9.41     | 3.40     |
|   | -10.5                | -11.0 | 12.19                 | 4.32     | 11.49    | 4.04     | 10.80    | 3.76     | 10.45    | 3.62     | 10.11    | 3.48     | 9.41     | 3.22     |
|   | -9.5                 | -10.0 | 12.19                 | 4.20     | 11.49    | 3.93     | 10.80    | 3.65     | 10.45    | 3.52     | 10.11    | 3.39     | 9.41     | 3.13     |
|   | -8.5                 | -9.1  | 12.19                 | 4.10     | 11.49    | 3.83     | 10.80    | 3.57     | 10.45    | 3.44     | 10.11    | 3.31     | 9.41     | 3.06     |
|   | -7.0                 | -7.6  | 12.19                 | 3.94     | 11.49    | 3.68     | 10.80    | 3.43     | 10.45    | 3.31     | 10.11    | 3.19     | 9.41     | 2.95     |
|   | -5.0                 | -5.6  | 12.19                 | 3.75     | 11.49    | 3.51     | 10.80    | 3.27     | 10.45    | 3.15     | 10.11    | 3.04     | 9.41     | 2.81     |
|   | -3.0                 | -3.7  | 12.19                 | 3.58     | 11.49    | 3.35     | 10.80    | 3.13     | 10.45    | 3.02     | 10.11    | 2.91     | 9.41     | 2.70     |
|   | 0.0                  | -0.7  | 12.19                 | 3.35     | 11.49    | 3.14     | 10.80    | 2.93     | 10.45    | 2.83     | 10.11    | 2.73     | 9.41     | 2.53     |
|   | 3.0                  | 2.2   | 12.19                 | 3.15     | 11.49    | 2.96     | 10.80    | 2.77     | 10.45    | 2.67     | 10.11    | 2.58     | 9.41     | 2.40     |
|   | 5.0                  | 4.1   | 12.19                 | 3.04     | 11.49    | 2.85     | 10.80    | 2.67     | 10.45    | 2.58     | 10.11    | 2.49     | 9.41     | 2.31     |
|   | 7.0                  | 6.0   | 12.19                 | 2.93     | 11.49    | 2.75     | 10.80    | 2.58     | 10.45    | 2.49     | 10.11    | 2.41     | 9.41     | 2.24     |
| 9.0                                     | 7.9                  | 12.19 | 2.83                  | 11.49    | 2.66     | 10.80    | 2.49     | 10.45    | 2.41     | 10.11    | 2.33     | 9.41     | 2.17     |          |
| 11.0                                    | 9.8                  | 12.19 | 2.74                  | 11.49    | 2.58     | 10.80    | 2.42     | 10.45    | 2.34     | 10.11    | 2.26     | 9.41     | 2.10     |          |
| 13.0                                    | 11.8                 | 12.19 | 2.65                  | 11.49    | 2.50     | 10.80    | 2.34     | 10.45    | 2.26     | 10.11    | 2.19     | 9.41     | 2.04     |          |
| 15.0                                    | 13.7                 | 12.19 | 2.57                  | 11.49    | 2.42     | 10.80    | 2.27     | 10.45    | 2.20     | 10.11    | 2.13     | 9.41     | 1.98     |          |
| 50%<br>9.00 kW<br>(75.0)                | -19.8                | -20.0 | 10.16                 | 4.67     | 9.58     | 4.36     | 9.00     | 4.05     | 8.71     | 3.90     | 8.42     | 3.75     | 7.84     | 3.46     |
|   | -18.8                | -19.0 | 10.16                 | 4.50     | 9.58     | 4.20     | 9.00     | 3.91     | 8.71     | 3.76     | 8.42     | 3.62     | 7.84     | 3.34     |
|   | -16.7                | -17.0 | 10.16                 | 4.20     | 9.58     | 3.92     | 9.00     | 3.65     | 8.71     | 3.52     | 8.42     | 3.39     | 7.84     | 3.13     |
|   | -14.7                | -15.0 | 10.16                 | 3.94     | 9.58     | 3.68     | 9.00     | 3.43     | 8.71     | 3.31     | 8.42     | 3.18     | 7.84     | 2.95     |
|   | -12.6                | -13.0 | 10.16                 | 3.71     | 9.58     | 3.47     | 9.00     | 3.23     | 8.71     | 3.12     | 8.42     | 3.01     | 7.84     | 2.78     |
|   | -10.5                | -11.0 | 10.16                 | 3.50     | 9.58     | 3.28     | 9.00     | 3.06     | 8.71     | 2.96     | 8.42     | 2.85     | 7.84     | 2.64     |
|   | -9.5                 | -10.0 | 10.16                 | 3.41     | 9.58     | 3.19     | 9.00     | 2.98     | 8.71     | 2.88     | 8.42     | 2.78     | 7.84     | 2.58     |
|   | -8.5                 | -9.1  | 10.16                 | 3.33     | 9.58     | 3.12     | 9.00     | 2.92     | 8.71     | 2.82     | 8.42     | 2.72     | 7.84     | 2.52     |
|   | -7.0                 | -7.6  | 10.16                 | 3.21     | 9.58     | 3.01     | 9.00     | 2.81     | 8.71     | 2.71     | 8.42     | 2.62     | 7.84     | 2.43     |
|   | -5.0                 | -5.6  | 10.16                 | 3.06     | 9.58     | 2.87     | 9.00     | 2.68     | 8.71     | 2.59     | 8.42     | 2.50     | 7.84     | 2.33     |
|   | -3.0                 | -3.7  | 10.16                 | 2.93     | 9.58     | 2.75     | 9.00     | 2.57     | 8.71     | 2.49     | 8.42     | 2.40     | 7.84     | 2.23     |
|   | 0.0                  | -0.7  | 10.16                 | 2.75     | 9.58     | 2.58     | 9.00     | 2.42     | 8.71     | 2.34     | 8.42     | 2.26     | 7.84     | 2.11     |
|   | 3.0                  | 2.2   | 10.16                 | 2.59     | 9.58     | 2.44     | 9.00     | 2.29     | 8.71     | 2.22     | 8.42     | 2.14     | 7.84     | 2.00     |
|   | 5.0                  | 4.1   | 10.16                 | 2.50     | 9.58     | 2.36     | 9.00     | 2.21     | 8.71     | 2.14     | 8.42     | 2.07     | 7.84     | 1.93     |
|   | 7.0                  | 6.0   | 10.16                 | 2.42     | 9.58     | 2.28     | 9.00     | 2.14     | 8.71     | 2.07     | 8.42     | 2.01     | 7.84     | 1.87     |
| 9.0                                     | 7.9                  | 10.16 | 2.34                  | 9.58     | 2.21     | 9.00     | 2.08     | 8.71     | 2.01     | 8.42     | 1.95     | 7.84     | 1.82     |          |
| 11.0                                    | 9.8                  | 10.16 | 2.27                  | 9.58     | 2.14     | 9.00     | 2.01     | 8.71     | 1.95     | 8.42     | 1.89     | 7.84     | 1.77     |          |
| 13.0                                    | 11.8                 | 10.16 | 2.20                  | 9.58     | 2.08     | 9.00     | 1.95     | 8.71     | 1.89     | 8.42     | 1.83     | 7.84     | 1.72     |          |
| 15.0                                    | 13.7                 | 10.16 | 2.14                  | 9.58     | 2.02     | 9.00     | 1.90     | 8.71     | 1.84     | 8.42     | 1.78     | 7.84     | 1.67     |          |

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## NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - ÖPMERKINGEN - примечания - NOTLAR

- 1 The above table shows the average value of conditions which may occur.  
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.  
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.  
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.  
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.  
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.  
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.  
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.  
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.