

ERQ100AV1

Heating

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

| Combination % kW (Capacity index) | Outdoor air temp. | | Indoor air temp. °CWB | | | | | | | | | | | |
|---|----------------------|-------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | 16.0 | | 18.0 | | 20.0 | | 21.0 | | 22.0 | | 24.0 | |
| | °CDB | °CWB | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW |
| 70% 8.75 kW (70.0) | -19.8 | -20.0 | 9.87 | 4.27 | 9.31 | 3.96 | 8.75 | 3.66 | 8.47 | 3.51 | 8.19 | 3.36 | 7.63 | 3.08 |
| | -18.8 | -19.0 | 9.87 | 4.10 | 9.31 | 3.80 | 8.75 | 3.52 | 8.47 | 3.38 | 8.19 | 3.24 | 7.63 | 2.97 |
| | -16.7 | -17.0 | 9.87 | 3.80 | 9.31 | 3.53 | 8.75 | 3.27 | 8.47 | 3.14 | 8.19 | 3.01 | 7.63 | 2.76 |
| | -14.7 | -15.0 | 9.87 | 3.55 | 9.31 | 3.30 | 8.75 | 3.05 | 8.47 | 2.93 | 8.19 | 2.82 | 7.63 | 2.59 |
| | -12.6 | -13.0 | 9.87 | 3.32 | 9.31 | 3.09 | 8.75 | 2.86 | 8.47 | 2.75 | 8.19 | 2.64 | 7.63 | 2.43 |
| | -10.5 | -11.0 | 9.87 | 3.12 | 9.31 | 2.91 | 8.75 | 2.70 | 8.47 | 2.59 | 8.19 | 2.49 | 7.63 | 2.30 |
| | -9.5 | -10.0 | 9.87 | 3.03 | 9.31 | 2.82 | 8.75 | 2.62 | 8.47 | 2.52 | 8.19 | 2.42 | 7.63 | 2.23 |
| | -8.5 | -9.1 | 9.87 | 2.96 | 9.31 | 2.75 | 8.75 | 2.56 | 8.47 | 2.46 | 8.19 | 2.37 | 7.63 | 2.18 |
| | -7.0 | -7.6 | 9.87 | 2.84 | 9.31 | 2.64 | 8.75 | 2.46 | 8.47 | 2.37 | 8.19 | 2.27 | 7.63 | 2.10 |
| | -5.0 | -5.6 | 9.87 | 2.69 | 9.31 | 2.51 | 8.75 | 2.34 | 8.47 | 2.25 | 8.19 | 2.16 | 7.63 | 2.00 |
| | -3.0 | -3.7 | 9.87 | 2.57 | 9.31 | 2.40 | 8.75 | 2.23 | 8.47 | 2.15 | 8.19 | 2.07 | 7.63 | 1.91 |
| | 0.0 | -0.7 | 9.87 | 2.39 | 9.31 | 2.24 | 8.75 | 2.08 | 8.47 | 2.01 | 8.19 | 1.94 | 7.63 | 1.79 |
| | 3.0 | 2.2 | 9.87 | 2.25 | 9.31 | 2.10 | 8.75 | 1.96 | 8.47 | 1.89 | 8.19 | 1.82 | 7.63 | 1.69 |
| | 5.0 | 4.1 | 9.87 | 2.16 | 9.31 | 2.02 | 8.75 | 1.89 | 8.47 | 1.82 | 8.19 | 1.76 | 7.63 | 1.63 |
| | 7.0 | 6.0 | 9.87 | 2.08 | 9.31 | 1.95 | 8.75 | 1.82 | 8.47 | 1.76 | 8.19 | 1.70 | 7.63 | 1.57 |
| 9.0 | 7.9 | 9.87 | 2.01 | 9.31 | 1.88 | 8.75 | 1.76 | 8.47 | 1.70 | 8.19 | 1.64 | 7.63 | 1.52 | |
| 11.0 | 9.8 | 9.87 | 1.94 | 9.31 | 1.82 | 8.75 | 1.70 | 8.47 | 1.65 | 8.19 | 1.59 | 7.63 | 1.47 | |
| 13.0 | 11.8 | 9.87 | 1.88 | 9.31 | 1.76 | 8.75 | 1.65 | 8.47 | 1.59 | 8.19 | 1.54 | 7.63 | 1.43 | |
| 15.0 | 13.7 | 9.87 | 1.82 | 9.31 | 1.71 | 8.75 | 1.60 | 8.47 | 1.54 | 8.19 | 1.49 | 7.63 | 1.39 | |
| 60% 7.50 kW (60.0) | -19.8 | -20.0 | 8.46 | 3.51 | 7.98 | 3.26 | 7.50 | 3.02 | 7.26 | 2.90 | 7.02 | 2.78 | 6.54 | 2.56 |
| | -18.8 | -19.0 | 8.46 | 3.37 | 7.98 | 3.14 | 7.50 | 2.91 | 7.26 | 2.79 | 7.02 | 2.68 | 6.54 | 2.47 |
| | -16.7 | -17.0 | 8.46 | 3.14 | 7.98 | 2.92 | 7.50 | 2.71 | 7.26 | 2.61 | 7.02 | 2.50 | 6.54 | 2.30 |
| | -14.7 | -15.0 | 8.46 | 2.93 | 7.98 | 2.73 | 7.50 | 2.54 | 7.26 | 2.44 | 7.02 | 2.35 | 6.54 | 2.16 |
| | -12.6 | -13.0 | 8.46 | 2.75 | 7.98 | 2.57 | 7.50 | 2.39 | 7.26 | 2.30 | 7.02 | 2.21 | 6.54 | 2.04 |
| | -10.5 | -11.0 | 8.46 | 2.59 | 7.98 | 2.42 | 7.50 | 2.25 | 7.26 | 2.17 | 7.02 | 2.09 | 6.54 | 1.93 |
| | -9.5 | -10.0 | 8.46 | 2.52 | 7.98 | 2.35 | 7.50 | 2.19 | 7.26 | 2.11 | 7.02 | 2.03 | 6.54 | 1.88 |
| | -8.5 | -9.1 | 8.46 | 2.46 | 7.98 | 2.30 | 7.50 | 2.14 | 7.26 | 2.06 | 7.02 | 1.99 | 6.54 | 1.84 |
| | -7.0 | -7.6 | 8.46 | 2.36 | 7.98 | 2.21 | 7.50 | 2.06 | 7.26 | 1.98 | 7.02 | 1.91 | 6.54 | 1.77 |
| | -5.0 | -5.6 | 8.46 | 2.25 | 7.98 | 2.10 | 7.50 | 1.96 | 7.26 | 1.89 | 7.02 | 1.82 | 6.54 | 1.69 |
| | -3.0 | -3.7 | 8.46 | 2.15 | 7.98 | 2.01 | 7.50 | 1.88 | 7.26 | 1.81 | 7.02 | 1.75 | 6.54 | 1.62 |
| | 0.0 | -0.7 | 8.46 | 2.01 | 7.98 | 1.88 | 7.50 | 1.76 | 7.26 | 1.70 | 7.02 | 1.64 | 6.54 | 1.52 |
| | 3.0 | 2.2 | 8.46 | 1.89 | 7.98 | 1.77 | 7.50 | 1.66 | 7.26 | 1.60 | 7.02 | 1.55 | 6.54 | 1.44 |
| | 5.0 | 4.1 | 8.46 | 1.82 | 7.98 | 1.71 | 7.50 | 1.60 | 7.26 | 1.55 | 7.02 | 1.49 | 6.54 | 1.39 |
| | 7.0 | 6.0 | 8.46 | 1.76 | 7.98 | 1.65 | 7.50 | 1.55 | 7.26 | 1.49 | 7.02 | 1.44 | 6.54 | 1.34 |
| 9.0 | 7.9 | 8.46 | 1.70 | 7.98 | 1.60 | 7.50 | 1.50 | 7.26 | 1.45 | 7.02 | 1.40 | 6.54 | 1.30 | |
| 11.0 | 9.8 | 8.46 | 1.64 | 7.98 | 1.55 | 7.50 | 1.45 | 7.26 | 1.40 | 7.02 | 1.35 | 6.54 | 1.26 | |
| 13.0 | 11.8 | 8.46 | 1.59 | 7.98 | 1.50 | 7.50 | 1.40 | 7.26 | 1.36 | 7.02 | 1.31 | 6.54 | 1.22 | |
| 15.0 | 13.7 | 8.46 | 1.54 | 7.98 | 1.45 | 7.50 | 1.36 | 7.26 | 1.32 | 7.02 | 1.28 | 6.54 | 1.19 | |
| 50% 6.25 kW (50.0) | -19.8 | -20.0 | 7.05 | 2.80 | 6.65 | 2.61 | 6.25 | 2.43 | 6.05 | 2.34 | 5.85 | 2.25 | 5.45 | 2.07 |
| | -18.8 | -19.0 | 7.05 | 2.70 | 6.65 | 2.52 | 6.25 | 2.34 | 6.05 | 2.26 | 5.85 | 2.17 | 5.45 | 2.00 |
| | -16.7 | -17.0 | 7.05 | 2.52 | 6.65 | 2.35 | 6.25 | 2.19 | 6.05 | 2.11 | 5.85 | 2.03 | 5.45 | 1.88 |
| | -14.7 | -15.0 | 7.05 | 2.36 | 6.65 | 2.21 | 6.25 | 2.06 | 6.05 | 1.98 | 5.85 | 1.91 | 5.45 | 1.77 |
| | -12.6 | -13.0 | 7.05 | 2.22 | 6.65 | 2.08 | 6.25 | 1.94 | 6.05 | 1.87 | 5.85 | 1.80 | 5.45 | 1.67 |
| | -10.5 | -11.0 | 7.05 | 2.10 | 6.65 | 1.97 | 6.25 | 1.84 | 6.05 | 1.77 | 5.85 | 1.71 | 5.45 | 1.58 |
| | -9.5 | -10.0 | 7.05 | 2.04 | 6.65 | 1.92 | 6.25 | 1.79 | 6.05 | 1.73 | 5.85 | 1.67 | 5.45 | 1.54 |
| | -8.5 | -9.1 | 7.05 | 2.00 | 6.65 | 1.87 | 6.25 | 1.75 | 6.05 | 1.69 | 5.85 | 1.63 | 5.45 | 1.51 |
| | -7.0 | -7.6 | 7.05 | 1.92 | 6.65 | 1.80 | 6.25 | 1.69 | 6.05 | 1.63 | 5.85 | 1.57 | 5.45 | 1.46 |
| | -5.0 | -5.6 | 7.05 | 1.83 | 6.65 | 1.72 | 6.25 | 1.61 | 6.05 | 1.55 | 5.85 | 1.50 | 5.45 | 1.39 |
| | -3.0 | -3.7 | 7.05 | 1.75 | 6.65 | 1.65 | 6.25 | 1.54 | 6.05 | 1.49 | 5.85 | 1.44 | 5.45 | 1.34 |
| | 0.0 | -0.7 | 7.05 | 1.65 | 6.65 | 1.55 | 6.25 | 1.45 | 6.05 | 1.40 | 5.85 | 1.36 | 5.45 | 1.26 |
| | 3.0 | 2.2 | 7.05 | 1.55 | 6.65 | 1.46 | 6.25 | 1.37 | 6.05 | 1.33 | 5.85 | 1.28 | 5.45 | 1.20 |
| | 5.0 | 4.1 | 7.05 | 1.50 | 6.65 | 1.41 | 6.25 | 1.33 | 6.05 | 1.28 | 5.85 | 1.24 | 5.45 | 1.16 |
| | 7.0 | 6.0 | 7.05 | 1.45 | 6.65 | 1.37 | 6.25 | 1.28 | 6.05 | 1.24 | 5.85 | 1.20 | 5.45 | 1.12 |
| 9.0 | 7.9 | 7.05 | 1.40 | 6.65 | 1.32 | 6.25 | 1.24 | 6.05 | 1.21 | 5.85 | 1.17 | 5.45 | 1.09 | |
| 11.0 | 9.8 | 7.05 | 1.36 | 6.65 | 1.28 | 6.25 | 1.21 | 6.05 | 1.17 | 5.85 | 1.13 | 5.45 | 1.06 | |
| 13.0 | 11.8 | 7.05 | 1.32 | 6.65 | 1.24 | 6.25 | 1.17 | 6.05 | 1.14 | 5.85 | 1.10 | 5.45 | 1.03 | |
| 15.0 | 13.7 | 7.05 | 1.28 | 6.65 | 1.21 | 6.25 | 1.14 | 6.05 | 1.10 | 5.85 | 1.07 | 5.45 | 1.00 | |