

Performance Table Heat Pump Ground to Water Dual Compressor ALTAL GWHP90DUAL

Heating Capacity(kW)

| Water outlet(°C) | -10 | -5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
|------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 35 | 73.93 | 80.05 | 86.12 | 91.30 | 94.79 | 101.35 | 107.90 | 113.34 | | |
| 40 | 70.40 | 76.34 | 82.23 | 87.14 | 92.64 | 97.10 | 102.49 | 107.62 | 114.75 | |
| 45 | 66.79 | 71.20 | 78.19 | 84.52 | 90.16 | 93.88 | 99.73 | 103.86 | 110.29 | 114.71 |
| 50 | 65.80 | 70.07 | 75.15 | 80.84 | 86.35 | 89.16 | 94.36 | 99.67 | 106.94 | 109.40 |
| 55 | 62.99 | 67.02 | 72.00 | 77.91 | 82.33 | 86.52 | 91.29 | 97.00 | 101.97 | 104.69 |
| 60 | 58.50 | 63.74 | 68.50 | 73.68 | 79.45 | 82.78 | 86.47 | 91.88 | 94.25 | 98.53 |

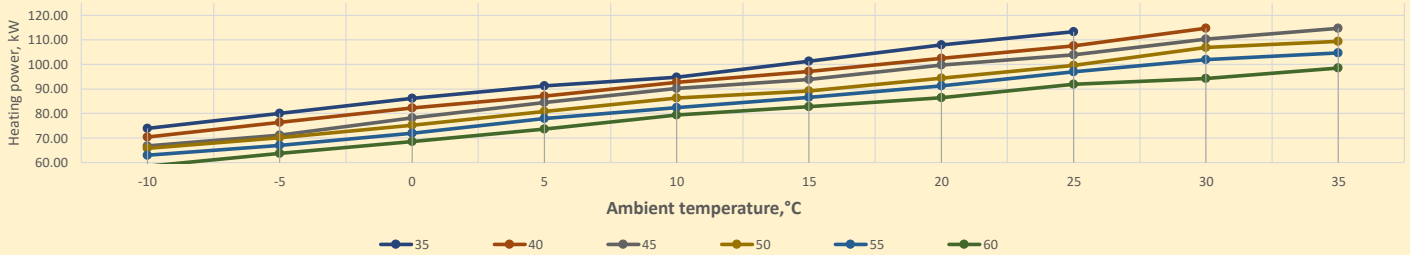
Power Input(kW)

| Water outlet(°C) | -7 | -5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 35 | 20.27 | 20.05 | 19.85 | 19.72 | 19.36 | 18.85 | 17.88 | 17.10 | | |
| 40 | 21.53 | 21.37 | 20.97 | 20.78 | 19.91 | 19.33 | 18.94 | 17.63 | 16.92 | |
| 45 | 22.29 | 22.59 | 21.94 | 21.56 | 20.90 | 20.05 | 19.55 | 18.21 | 17.42 | 16.57 |
| 50 | 23.83 | 23.63 | 23.05 | 22.26 | 21.87 | 20.90 | 20.24 | 18.99 | 18.21 | 17.75 |
| 55 | 24.41 | 24.19 | 23.83 | 23.43 | 22.95 | 21.94 | 20.83 | 19.81 | 19.09 | 18.79 |
| 60 | 24.67 | 24.52 | 24.31 | 24.19 | 24.01 | 22.82 | 22.04 | 21.39 | 20.14 | 20.30 |

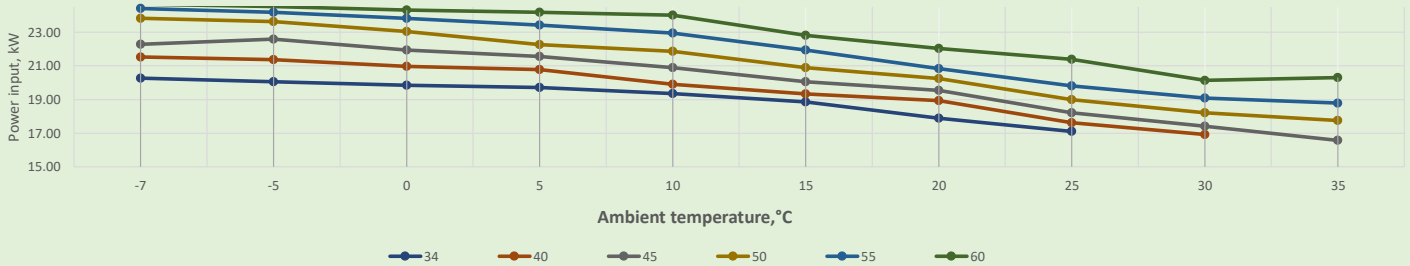
COP

| Water outlet(°C) | -7 | -5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
|------------------|------|------|------|------|------|------|------|------|------|------|
| 35 | 3.65 | 3.99 | 4.34 | 4.63 | 4.90 | 5.38 | 6.03 | 6.63 | | |
| 40 | 3.27 | 3.57 | 3.92 | 4.19 | 4.65 | 5.02 | 5.41 | 6.10 | 6.78 | |
| 45 | 3.00 | 3.15 | 3.56 | 3.92 | 4.31 | 4.68 | 5.10 | 5.70 | 6.33 | 6.92 |
| 50 | 2.76 | 2.97 | 3.26 | 3.63 | 3.95 | 4.27 | 4.66 | 5.25 | 5.87 | 6.16 |
| 55 | 2.58 | 2.77 | 3.02 | 3.33 | 3.59 | 3.94 | 4.38 | 4.90 | 5.34 | 5.57 |
| 60 | 2.37 | 2.60 | 2.82 | 3.05 | 3.31 | 3.63 | 3.92 | 4.30 | 4.68 | 4.85 |

Heating capacity, kW



Power input, kW



Coefficient of Performance (COP)

