

### Данные о производительности теплового насоса для отопления/охлаждения R32

| Категория                    |                         | Отопление         |      |                   |      |                   |      |                   |      |                   |      |                   |      |
|------------------------------|-------------------------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|-------------------|------|
| Модель                       |                         | CSH-009TA1        |      | CSH -012TA1       |      | CSH -015TA1       |      | CSH -018TA1       |      | CSH -026TA3       |      | CSH -032TA3       |      |
| Температура окружающей среды | Вода                    | Тепловая мощность | COP  | Тепловая мощность | COP  | Тепловая мощность | COP  | Тепловая мощность | COP  | Тепловая мощность | COP  | Тепловая мощность | COP  |
|                              | Температура             |                   |      |                   |      |                   |      |                   |      |                   |      |                   |      |
| °C                           | °C                      | kW                | w/w  | kW                | w/w  | kW                | w/w  | kW                | w/w  | kW                | w/w  | kW                | w/w  |
| 25                           | Вход:30°C<br>Выход:35°C | 10.64             | 5.75 | 14.10             | 5.71 | 17.91             | 5.68 | 21.76             | 5.75 | 30.68             | 5.72 | 37.87             | 5.78 |
| 15                           |                         | 9.85              | 4.96 | 13.05             | 4.92 | 16.59             | 4.90 | 20.15             | 4.96 | 28.41             | 4.93 | 35.06             | 4.98 |
| 7                            |                         | 9.21              | 4.31 | 12.20             | 4.28 | 15.50             | 4.26 | 18.83             | 4.31 | 26.55             | 4.29 | 32.77             | 4.33 |
| 2                            |                         | 8.75              | 3.92 | 11.59             | 3.89 | 14.73             | 3.88 | 17.89             | 3.92 | 25.22             | 3.90 | 31.13             | 3.94 |
| -7                           |                         | 7.44              | 3.22 | 9.85              | 3.19 | 12.52             | 3.18 | 15.21             | 3.22 | 21.44             | 3.20 | 26.46             | 3.23 |
| -10                          |                         | 7.07              | 2.99 | 9.36              | 2.97 | 11.89             | 2.96 | 14.44             | 2.99 | 20.37             | 2.98 | 25.14             | 3.00 |
| -15                          |                         | 6.36              | 2.69 | 8.42              | 2.67 | 10.70             | 2.66 | 13.00             | 2.69 | 18.33             | 2.68 | 22.62             | 2.70 |
| -20                          |                         | 5.40              | 2.37 | 7.16              | 2.35 | 9.10              | 2.34 | 11.05             | 2.37 | 15.58             | 2.36 | 19.23             | 2.38 |
| -25                          |                         | 4.59              | 2.06 | 6.09              | 2.05 | 7.73              | 2.04 | 9.39              | 2.06 | 13.24             | 2.05 | 16.35             | 2.07 |

|     |                         |       |      |       |      |       |      |       |      |       |      |       |      |
|-----|-------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 25  | Вход:47°C<br>Выход:55°C | 10.78 | 3.79 | 14.35 | 3.75 | 18.26 | 3.76 | 22.04 | 3.84 | 30.95 | 3.80 | 38.31 | 3.88 |
| 15  |                         | 9.98  | 3.27 | 13.29 | 3.23 | 16.91 | 3.24 | 20.40 | 3.31 | 28.65 | 3.28 | 35.47 | 3.35 |
| 7   |                         | 9.33  | 2.84 | 12.42 | 2.81 | 15.80 | 2.82 | 19.07 | 2.88 | 26.78 | 2.85 | 33.15 | 2.91 |
| 2   |                         | 8.86  | 2.61 | 11.80 | 2.59 | 15.01 | 2.59 | 18.12 | 2.65 | 25.44 | 2.62 | 31.49 | 2.68 |
| -7  |                         | 7.53  | 2.14 | 10.03 | 2.12 | 12.76 | 2.13 | 15.40 | 2.17 | 21.62 | 2.15 | 26.77 | 2.20 |
| -10 |                         | 7.16  | 2.04 | 9.53  | 2.01 | 12.12 | 2.02 | 14.63 | 2.06 | 20.54 | 2.04 | 25.43 | 2.09 |
| -15 |                         | 6.44  | 1.91 | 8.57  | 1.89 | 10.91 | 1.90 | 13.17 | 1.94 | 18.49 | 1.92 | 22.89 | 1.96 |
| -20 |                         | 5.48  | 1.59 | 7.29  | 1.57 | 9.27  | 1.58 | 11.19 | 1.61 | 15.72 | 1.59 | 19.45 | 1.63 |
| -25 |                         | 4.65  | 1.49 | 6.20  | 1.48 | 7.88  | 1.48 | 9.51  | 1.51 | 13.36 | 1.50 | 16.54 | 1.53 |

| Категория                    |                        | Охлаждение          |      |                     |      |                     |      |                     |      |                     |      |                     |      |
|------------------------------|------------------------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|
| Модель                       |                        | CSH -009TA1         |      | CSH -012TA1         |      | CSH -015TA1         |      | CSH -018TA1         |      | CSH -026TA1         |      | CSH -032TA1         |      |
| Температура окружающей среды | Вода                   | Мощность охлаждения | EER  | Мощность охлаждения | EER  | Мощность охлаждения | EER  | Мощность охлаждения | EER  | Мощность охлаждения | EER  | Мощность охлаждения | EER  |
|                              | Температура            |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |
| °C                           | °C                     | kW                  | w/w  | kW                  | w/w  | kW                  | w/w  | kW                  | w/w  | kW                  | w/w  | kW                  | w/w  |
| 45                           | Вход:12°C<br>Выход:7°C | 5.43                | 2.13 | 6.51                | 2.10 | 8.05                | 2.16 | 11.20               | 2.26 | 13.36               | 2.14 | 16.99               | 2.24 |
| 40                           |                        | 6.62                | 2.48 | 7.94                | 2.44 | 9.81                | 2.52 | 13.66               | 2.62 | 16.29               | 2.49 | 20.72               | 2.60 |
| 35                           |                        | 7.52                | 2.82 | 9.02                | 2.77 | 11.15               | 2.86 | 15.52               | 2.98 | 18.51               | 2.83 | 23.55               | 2.96 |
| 30                           |                        | 8.05                | 3.07 | 9.65                | 3.02 | 11.93               | 3.12 | 16.61               | 3.25 | 19.81               | 3.08 | 25.20               | 3.23 |
| 25                           |                        | 8.61                | 3.35 | 10.33               | 3.29 | 12.77               | 3.40 | 17.77               | 3.54 | 21.19               | 3.36 | 26.96               | 3.52 |
| 20                           |                        | 9.21                | 3.65 | 11.05               | 3.59 | 13.66               | 3.70 | 19.01               | 3.86 | 22.68               | 3.66 | 28.85               | 3.83 |
| 16                           |                        | 9.86                | 3.98 | 11.82               | 3.91 | 14.62               | 4.04 | 20.34               | 4.21 | 24.26               | 3.99 | 30.87               | 4.18 |

|    |                         |       |      |       |      |       |      |       |      |       |      |       |      |
|----|-------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 45 | Вход:23°C<br>Выход:18°C | 6.81  | 3.01 | 8.17  | 2.96 | 10.09 | 3.05 | 14.05 | 3.18 | 16.76 | 3.02 | 21.32 | 3.16 |
| 40 |                         | 8.30  | 3.50 | 9.96  | 3.44 | 12.31 | 3.55 | 17.13 | 3.70 | 20.44 | 3.51 | 26.00 | 3.67 |
| 35 |                         | 9.02  | 3.98 | 10.82 | 3.91 | 13.38 | 4.03 | 18.62 | 4.20 | 22.21 | 3.99 | 28.26 | 4.17 |
| 30 |                         | 9.66  | 4.33 | 11.58 | 4.26 | 14.32 | 4.40 | 19.93 | 4.58 | 23.77 | 4.35 | 30.24 | 4.55 |
| 25 |                         | 10.33 | 4.72 | 12.39 | 4.64 | 15.32 | 4.79 | 21.32 | 4.99 | 25.43 | 4.74 | 32.35 | 4.96 |
| 20 |                         | 11.05 | 5.15 | 13.26 | 5.06 | 16.39 | 5.22 | 22.82 | 5.44 | 27.21 | 5.17 | 34.62 | 5.40 |
| 16 |                         | 11.83 | 5.61 | 14.19 | 5.51 | 17.54 | 5.69 | 24.41 | 5.93 | 29.12 | 5.63 | 37.04 | 5.89 |