

## Information requirements for comfort chillers

|                                                                                                             |          |          |                                                                                                                                        |                           |         |
|-------------------------------------------------------------------------------------------------------------|----------|----------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------|
| EWFH435TZPSD1                                                                                               |          |          |                                                                                                                                        |                           |         |
| Outdoor side heat exchanger of chiller                                                                      |          |          | Air                                                                                                                                    |                           |         |
| Indoor side heat exchanger of chiller                                                                       |          |          | Water                                                                                                                                  |                           |         |
| Type                                                                                                        |          |          | Inverter                                                                                                                               |                           |         |
| Driver of compressor                                                                                        |          |          | Electric                                                                                                                               |                           |         |
| Item                                                                                                        | Symbol   | Value    | Item                                                                                                                                   | Symbol                    | Value   |
| Rated cooling capacity                                                                                      | Prated,c | 419.5 kW | Seasonal space cooling energy efficiency                                                                                               | $\eta_{s,c}$              | 265.4 % |
| Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19°C (dry/wet bulb) |          |          | Declared energy efficiency ration or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj |                           |         |
| Tj = +35°C                                                                                                  | Pdc      | 419.5 kW | Tj = +35°C                                                                                                                             | EERd or GUEc,bin/AEFc,bin | 3.5     |
| Tj = +30°C                                                                                                  | Pdc      | 303.7 kW | Tj = +30°C                                                                                                                             | EERd or GUEc,bin/AEFc,bin | 5.1     |
| Tj = +25°C                                                                                                  | Pdc      | 198.8 kW | Tj = +25°C                                                                                                                             | EERd or GUEc,bin/AEFc,bin | 7.3     |
| Tj = +20°C                                                                                                  | Pdc      | 88.1 kW  | Tj = +20°C                                                                                                                             | EERd or GUEc,bin/AEFc,bin | 10.8    |
| Degradation coefficient for air conditioners                                                                |          |          |                                                                                                                                        | Cdc                       | 0.9     |

### Power consumption in modes other than 'active mode'

|                     |      |          |                       |     |          |
|---------------------|------|----------|-----------------------|-----|----------|
| Off mode            | POFF | 0.000 kW | Crankcase heater mode | PCK | 0.000 kW |
| Thermostat-off mode | PTO  | 0.177 kW | Standby mode          | PSB | 0.050 kW |

### Other items

|                                                                                                |                                                                                    |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Capacity control                                                                               | Variable                                                                           |
| Sound power level, outdoor                                                                     | LWA<br>100.1 dB                                                                    |
| Emissions of nitrogen oxides (if applicable)                                                   | NOx                                                                                |
| GWP of the refrigerant                                                                         | 1.4 kg CO2eq (100 years)                                                           |
| For air-to-water comfort chillers: Air flow rate, outdoor measured                             | 215604 m3/h                                                                        |
| For water/brine-to water chillers: Rated brine or water flow rate, outdoor side heat exchanger | -                                                                                  |
| Standard rating conditions used:                                                               | Low Temp Application                                                               |
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