

| Information requirements for comfort chillers  |  |        |                        |   |  |                            |        |      |  |
|--|--|--------|------------------------|---|--|----------------------------|--------|------|--|
| EWFD650TZSSD1  |  |        |                        |   |  |                            |        |      |  |
| Outdoor side heat exchanger of air conditioner: Air  |  |        |                        |   |  |                            |        |      |  |
| Indoor side heat exchanger of air conditioner: water   |  |        |                        |   |  |                            |        |      |  |
| Type: Inverter   |  |        |                        |   |  |                            |        |      |  |
| Driver of compressor: Electric   |  |        |                        |   |  |                            |        |      |  |
| Item   | Symbol   | Value  | Unit                   |   | Item   | Symbol                     | Value  | Unit |  |
| Rated cooling capacity   | Prated,c   | 635.67 | kW                     |   | Seasonal space cooling energy efficiency                           | $\eta_{s,c}$               | 209.8  | %    |  |
| Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19 °C (dry/wet bulb) |  |        |                        | Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj |  |                            |        |      |  |
| Tj = + 35 °C   | Pdc  | 635.67 | kW                     |   | Tj = + 35 °C   | EERd or GUEc,bin /AEFc,bin | 2.839  |      |  |
| Tj = + 30 °C   | Pdc  | 457.59 | kW                     |   | Tj = + 30 °C   | EERd or GUEc,bin /AEFc,bin | 4.17   |      |  |
| Tj = + 25 °C   | Pdc  | 293.5  | kW                     |   | Tj = + 25 °C   | EERd or GUEc,bin /AEFc,bin | 5.865  |      |  |
| Tj = + 20 °C   | Pdc  | 133.49 | kW                     |   | Tj = + 20 °C   | EERd or GUEc,bin /AEFc,bin | 7.83   |      |  |
|  |  |        |                        |   |  |                            |        |      |  |
| Degradation coefficient for air conditioners (*9)  | Cdc  | 0.9    | —                      |   |  |                            |        |      |  |
| <b>Power consumption in modes other than 'active mode'</b>   |  |        |                        |   |  |                            |        |      |  |
| Off mode   | POFF   | 0      | kW                     |   | Crankcase heater mode  | PCK                        | 0      | kW   |  |
| Thermostat-off mode  | PTO  | 0.21   | kW                     |   | Standby mode   | PSB                        | 0.05   | kW   |  |
|  |  |        |                        |   |  |                            |        |      |  |
| <b>Other items</b>   |  |        |                        |   |  |                            |        |      |  |
| Capacity control   | Variable   |        |                        |   | For air-to-water comfort chillers: air flow rate, outdoor measured | —                          | 202536 | m3/h |  |
| Sound power level, outdoor   | LWA  | 100.7  | dB                     |   | For water/brine-to-water chillers:                                 | —                          |        | m3/h |  |
| Emissions of nitrogen oxides (if applicable)   | NOx (*10)  |        | mg/kWh input GCV       |   | Rated brine or water flow rate, outdoor side heat exchanger        |                            |        |      |  |
| GWP of the refrigerant   |  | 1430   | kg CO2eq ( 100 years ) |   |  |                            |        |      |  |
| Standard rating conditions used: Low Temp Application  |  |        |                        |   |  |                            |        |      |  |
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