

| Information requirements for comfort chillers                                                                |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------|--------|------|
| EWAS755TZBSD2+op229/op250                                                                                    |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
| 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                                                                           | 734    | kW                     |                                                                                                                                       | Seasonal space cooling energy efficiency                           | ηs,c                       | 210.96 | %    |
| 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                                                                                | 734    | kW                     |                                                                                                                                       | Tj = + 35 °C                                                       | EERd or GUEc,bin /AEFc,bin | 3.008  |      |
| Tj = + 30 °C                                                                                                 | Pdc                                                                                | 527.27 | kW                     |                                                                                                                                       | Tj = + 30 °C                                                       | EERd or GUEc,bin /AEFc,bin | 4.278  |      |
| Tj = + 25 °C                                                                                                 | Pdc                                                                                | 337.7  | kW                     |                                                                                                                                       | Tj = + 25 °C                                                       | EERd or GUEc,bin /AEFc,bin | 5.898  |      |
| Tj = + 20 °C                                                                                                 | Pdc                                                                                | 150.43 | kW                     |                                                                                                                                       | Tj = + 20 °C                                                       | EERd or GUEc,bin /AEFc,bin | 7.456  |      |
|                                                                                                              |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
| Degradation coefficient for air conditioners (*9)                                                            | Cdc                                                                                | 0.9    | —                      |                                                                                                                                       |                                                                    |                            |        |      |
| Power consumption in modes other than 'active mode'                                                          |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
| Off mode                                                                                                     | POFF                                                                               | 0      | kW                     |                                                                                                                                       | Crankcase heater mode                                              | PCK                        | 0      | kW   |
| Thermostat-off mode                                                                                          | PTO                                                                                | 0.24   | kW                     |                                                                                                                                       | Standby mode                                                       | PSB                        | 0.1    | kW   |
|                                                                                                              |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
| Other items                                                                                                  |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
| Capacity control                                                                                             | Variable                                                                           |        |                        |                                                                                                                                       | For air-to-water comfort chillers: air flow rate, outdoor measured | —                          | 275328 | m3/h |
| Sound power level, outdoor                                                                                   | LWA                                                                                | 98,4   | 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                                                                                       |                                                                                    | 631    | kg CO2eq ( 100 years ) |                                                                                                                                       |                                                                    |                            |        |      |
| Standard rating conditions used: Low Temp Application                                                        |                                                                                    |        |                        |                                                                                                                                       |                                                                    |                            |        |      |
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