

| Information requirements for comfort chillers  |  |        |                        |  |   |                            |        |      |
|--|--|--------|------------------------|--|---|----------------------------|--------|------|
| EWAS405TZPRD1  |  |        |                        |  |   |                            |        |      |
| 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   | 401.24 | kW                     |  | Seasonal space cooling energy efficiency  | $\eta_{s,c}$               | 249.4  | %    |
| 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  | 401.24 | kW                     |  | Tj = + 35 °C  | EERd or GUEc,bin /AEFc,bin | 3.763  |      |
| Tj = + 30 °C   | Pdc  | 290.47 | kW                     |  | Tj = + 30 °C  | EERd or GUEc,bin /AEFc,bin | 4.953  |      |
| Tj = + 25 °C   | Pdc  | 186.54 | kW                     |  | Tj = + 25 °C  | EERd or GUEc,bin /AEFc,bin | 7.35   |      |
| Tj = + 20 °C   | Pdc  | 84.26  | kW                     |  | Tj = + 20 °C  | EERd or GUEc,bin /AEFc,bin | 7.978  |      |
|  |  |        |                        |  |   |                            |        |      |
| 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  | 0.21   | kW                     |  | Standby mode  | PSB                        | 0.05   | kW   |
|  |  |        |                        |  |   |                            |        |      |
| Other items  |  |        |                        |  |   |                            |        |      |
| Capacity control   | Variable   |        |                        |  | For air-to-water comfort chillers: air flow rate, outdoor measured  | —                          | 203976 | m3/h |
| Sound power level, outdoor   | LWA  | 87,8   | dB                     |  | For water/brine-towater 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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