

| Information requirements for comfort chillers  |  |         |                        |   |  |                            |        |      |
|--|--|---------|------------------------|---|--|----------------------------|--------|------|
| EWASH12TZXS2   |  |         |                        |   |  |                            |        |      |
| 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   | 1313.43 | kW                     |   | Seasonal space cooling energy efficiency                           | $\eta_{s,c}$               | 223.32 | %    |
| 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  | 1313.43 | kW                     |   | Tj = + 35 °C   | EERd or GUEc,bin /AEFc,bin | 2.931  |      |
| Tj = + 30 °C   | Pdc  | 947.13  | kW                     |   | Tj = + 30 °C   | EERd or GUEc,bin /AEFc,bin | 4.153  |      |
| Tj = + 25 °C   | Pdc  | 604.24  | kW                     |   | Tj = + 25 °C   | EERd or GUEc,bin /AEFc,bin | 6.353  |      |
| Tj = + 20 °C   | Pdc  | 269.98  | kW                     |   | Tj = + 20 °C   | EERd or GUEc,bin /AEFc,bin | 8.99   |      |
|  |  |         |                        |   |  |                            |        |      |
| 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  | 0.31    | kW                     |   | Standby mode   | PSB                        | 0.1    | kW   |
|  |  |         |                        |   |  |                            |        |      |
| <b>Other items</b>   |  |         |                        |   |  |                            |        |      |
| Capacity control   | Variable   |         |                        |   | For air-to-water comfort chillers: air flow rate, outdoor measured | —                          | 458856 | m3/h |
| Sound power level, outdoor   | LWA  | 101,3   | 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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