

| Information requirements for comfort chillers | | | | | | | | |
|--|--|--------|------------------------|---|--|----------------------------|--------|------|
| EWFT540B-XSC2 | | | | | | | | |
| Outdoor side heat exchanger of air conditioner: Air | | | | | | | | |
| Indoor side heat exchanger of air conditioner: water | | | | | | | | |
| Type: Scroll | | | | | | | | |
| Driver of compressor: Electric | | | | | | | | |
| Item | Symbol | Value | Unit | | Item | Symbol | Value | Unit |
| Rated cooling capacity | Prated,c | 533.72 | kW | | Seasonal space cooling energy efficiency | $\eta_{s,c}$ | 205.52 | % |
| 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 | 533.72 | kW | | Tj = + 35 °C | EERd or GUEc,bin /AEFc,bin | 3.285 | |
| Tj = + 30 °C | Pdc | 383.79 | kW | | Tj = + 30 °C | EERd or GUEc,bin /AEFc,bin | 4.466 | |
| Tj = + 25 °C | Pdc | 258.42 | kW | | Tj = + 25 °C | EERd or GUEc,bin /AEFc,bin | 5.696 | |
| Tj = + 20 °C | Pdc | 112.08 | kW | | Tj = + 20 °C | EERd or GUEc,bin /AEFc,bin | 6.555 | |
| Degradation coefficient for air conditioners (*9) | Cdc | 0.95 | — | | | | | |
| Power consumption in modes other than 'active mode' | | | | | | | | |
| Off mode | POFF | 0 | kW | | Crankcase heater mode | PCK | 0 | kW |
| Thermostat-off mode | PTO | 0.34 | kW | | Standby mode | PSB | 0.25 | kW |
| Other items | | | | | | | | |
| Capacity control | Step | | | | For air-to-water comfort chillers: air flow rate, outdoor measured | — | 202572 | m3/h |
| Sound power level, outdoor | LWA | 94.2 | 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 | | 675 | kg CO2eq (100 years) | | | | | |
| Standard rating conditions used: Low Temp Application | | | | | | | | |
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