

Information requirements for comfort chillers

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|---|----------|----------|--|---------------------------|---------|
| EWFS430TZSSD1 | | | | | |
| Outdoor side heat exchanger of chiller | | | Air | | |
| Indoor side heat exchanger of chiller | | | Water | | |
| Type | | | Inverter | | |
| Driver of compressor | | | Electric | | |
| Item | Symbol | Value | Item | Symbol | Value |
| Rated cooling capacity | Prated,c | 423.8 kW | Seasonal space cooling energy efficiency | $\eta_{s,c}$ | 213.6 % |
| Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19°C (dry/wet bulb) | | | Declared energy efficiency ration or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj | | |
| Tj = +35°C | Pdc | 423.8 kW | Tj = +35°C | EERd or GUEc,bin/AEFc,bin | 3.0 |
| Tj = +30°C | Pdc | 311.7 kW | Tj = +30°C | EERd or GUEc,bin/AEFc,bin | 4.2 |
| Tj = +25°C | Pdc | 195.9 kW | Tj = +25°C | EERd or GUEc,bin/AEFc,bin | 5.9 |
| Tj = +20°C | Pdc | 89.0 kW | Tj = +20°C | EERd or GUEc,bin/AEFc,bin | 8.0 |
| Degradation coefficient for air conditioners | | | | Cdc | 0.9 |

Power consumption in modes other than 'active mode'

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|---------------------|------|----------|-----------------------|-----|----------|
| Off mode | POFF | 0.000 kW | Crankcase heater mode | PCK | 0.000 kW |
| Thermostat-off mode | PTO | 0.081 kW | Standby mode | PSB | 0.050 kW |

Other items

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|--|--|
| Capacity control | Variable |
| Sound power level, outdoor | LWA 97.7 dB |
| Emissions of nitrogen oxides (if applicable) | NOx |
| GWP of the refrigerant | 629.5 kg CO2eq (100 years) |
| For air-to-water comfort chillers: Air flow rate, outdoor measured | 162036 m3/h |
| For water/brine-to water chillers: Rated brine or water flow rate, outdoor side heat exchanger | - |
| Standard rating conditions used: | Low Temp Application |
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