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|--|-----------------|--------|--------------------------------------|
| manufacturer: ait-deutschland GmbH | | | |
| Model | cBoxX 40 | | |
| Option high-temperature | No | | |
| Voltage ¹ | 400/3/50 | | |
| Type of condensing | water-cooled | | |
| Refrigerant fluid | R410A | | |
| | | | |
| Item | Symbol | Value | Unit |
| Operating temperature | t | -8 | °C |
| Seasonal energy performance ratio | JAZ | 3,78 | |
| Annual electricity consumption | Q | 36.115 | kWh/a |
| | | | |
| Parameters at full load and reference ambient temperature at rating point A | | | |
| Rated refrigeration capacity | P _A | 18,43 | kW |
| Rated power input | D _A | 8,37 | kW |
| Rated energy efficiency ratio | LZ _A | 2,20 | |
| | | | |
| Parameters at rating point B | | | |
| Declared refrigeration capacity | P _B | 20,56 | kW |
| Declared power input | D _B | 7,01 | kW |
| Declared energy efficiency ratio | LZ _B | 2,93 | |
| | | | |
| Parameters at rating point C | | | |
| Declared refrigeration capacity | P _C | 22,14 | kW |
| Declared power input | D _C | 6,12 | kW |
| Declared energy efficiency ratio | LZ _C | 3,62 | |
| | | | |
| Parameters at rating point D | | | |
| Declared refrigeration capacity | P _D | 23,89 | kW |
| Declared power input | D _D | 5,17 | kW |
| Declared energy efficiency ratio | LZ _D | 4,62 | |
| | | | |
| Other Items | | | |
| Capacity control | staged | | |
| Degradation coefficient for fixed and staged capacity units (rating point B) | MK | 0,96 | |
| Degradation coefficient for fixed and staged capacity units (rating point C) | MK | 0,96 | |
| Degradation coefficient for fixed and staged capacity units (rating point D) | MK | 0,95 | |
| GWP of the refrigerant | | 2089 | kg CO ₂ eq (100 years) |

¹ The voltage refers to the operating voltage of the main components and can deviate from the supply voltage by using a transformer.