

SEPR-Report EN 13215:2016 E

Model: MC-M8-ZB30KE-PFJ

Refrigerant: R449A Arith. Mean Temp.

S.I.

| Item | Symbol | Value (MT) | Unit |
|--|---|------------|-------|
| Evaporating Temperature | t | -10 | °C |
| Annual Electricity Consumption | E | 12690 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3.45 | |
| Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K | | | |
| Rated Cooling Capacity | Q _A | 7.13 | kW |
| Rated Power Input | P _A | 3.38 | kW |
| Rated COP | COP _A | 2.11 | |
| Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _B | 7.85 | kW |
| Declared Power Input | P _B | 2.92 | kW |
| Declared COP | COP _B | 2.69 | |
| Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _C | 8.82 | kW |
| Declared Power Input | P _C | 2.37 | kW |
| Declared COP | COP _C | 3.72 | |
| Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _D | 9.64 | kW |
| Declared Power Input | P _D | 1.98 | kW |
| Declared COP | COP _D | 4.88 | |
| Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q ₃ | 6.00 | kW |
| Declared Power Input | P ₃ | 4.27 | kW |
| Declared COP | COP ₃ | 1.41 | |
| Other Items | | | |
| Capacity Control | | Fixed | |
| Degradation Coefficient | Cds | 0.25 | |
| Unit suction line temperature | t11 | 20.00 | °C |
| Contact Details | Emerson Commercial & Residential Solutions - European Headquarters - Pascalstrasse 65 - 52076 Aachen, Germany Phone: +49 (0) 2408 929 0 - Fax: +49 (0) 2408 929 570 - Internet: climate.emerson.com/en-gb | | |