

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB58KE-TFD

Refrigerant: R450A Arith. Mean Temp.

S.I.

| Item | Symbol | Value (MT) | Unit |
|--|---|------------|-------|
| Evaporating Temperature | t | -10 | °C |
| Annual Electricity Consumption | E | 15880 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 2.79 | |
| Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K | | | |
| Rated Cooling Capacity | Q _A | 7.22 | kW |
| Rated Power Input | P _A | 3.62 | kW |
| Rated COP | COP _A | 1.99 | |
| Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _B | 7.76 | kW |
| Declared Power Input | P _B | 3.25 | kW |
| Declared COP | COP _B | 2.39 | |
| Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _C | 8.43 | kW |
| Declared Power Input | P _C | 2.80 | kW |
| Declared COP | COP _C | 3.01 | |
| Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _D | 8.95 | kW |
| Declared Power Input | P _D | 2.46 | kW |
| Declared COP | COP _D | 3.64 | |
| Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q ₃ | 6.25 | kW |
| Declared Power Input | P ₃ | 4.30 | kW |
| Declared COP | COP ₃ | 1.45 | |
| Other Items | | | |
| Capacity Control | | Fixed | |
| Degradation Coefficient | Cds | 0.25 | |
| Unit suction line temperature | t11 | 20.00 | °C |
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