

SEPR-Report EN 13215:2016 E

Model: MC-M8-ZF13KE-TFD

Refrigerant: R448A Arith. Mean Temp.

S.I.

| Item | Symbol | Value (LT) | Unit |
|--|---|------------|-------|
| Evaporating Temperature | t | -35 | °C |
| Annual Electricity Consumption | E | 11163 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 1.80 | |
| Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K | | | |
| Rated Cooling Capacity | Q _A | 2.70 | kW |
| Rated Power Input | P _A | 2.28 | kW |
| Rated COP | COP _A | 1.18 | |
| Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _B | 2.92 | kW |
| Declared Power Input | P _B | 2.01 | kW |
| Declared COP | COP _B | 1.45 | |
| Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _C | 3.18 | kW |
| Declared Power Input | P _C | 1.72 | kW |
| Declared COP | COP _C | 1.84 | |
| Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _D | 3.40 | kW |
| Declared Power Input | P _D | 1.47 | kW |
| Declared COP | COP _D | 2.31 | |
| Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q ₃ | 2.32 | kW |
| Declared Power Input | P ₃ | 2.90 | kW |
| Declared COP | COP ₃ | 0.80 | |
| Other Items | | | |
| Capacity Control | | Fixed | |
| Degradation Coefficient | Cds | 0.25 | |
| Unit suction line temperature | t11 | 20.00 | °C |
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