

SEPR-Report EN 13215:2016 E

Model: MC-M8-ZB30KE-TFD

Refrigerant: R407F Arith. Mean Temp.

S.I.

| Item | Symbol | Value (MT) | Unit |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|
| Evaporating Temperature | t | -10 | °C |
| Annual Electricity Consumption | E | 13080 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3.34 | |
| Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K | | | |
| Rated Cooling Capacity | Q _A | 7.10 | kW |
| Rated Power Input | P _A | 3.60 | kW |
| Rated COP | COP _A | 1.97 | |
| Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _B | 7.91 | kW |
| Declared Power Input | P _B | 3.08 | kW |
| Declared COP | COP _B | 2.57 | |
| Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _C | 8.91 | kW |
| Declared Power Input | P _C | 2.48 | kW |
| Declared COP | COP _C | 3.59 | |
| Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _D | 9.75 | kW |
| Declared Power Input | P _D | 2.04 | kW |
| Declared COP | COP _D | 4.78 | |
| Other Items | | | |
| Capacity Control | | Fixed | |
| Degradation Coefficient | Cds | 0.25 | |
| Unit suction line temperature | t11 | 20.00 | °C |
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