

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB56KE-TWD

Refrigerant: R404A Arith. Mean Temp.

S.I.

| Item | Symbol | Value (MT) | Unit |
|--|---|------------|-------|
| Evaporating Temperature | t | -10 | °C |
| Annual Electricity Consumption | E | 26166 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 2.65 | |
| Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K | | | |
| Rated Cooling Capacity | Q _A | 11.30 | kW |
| Rated Power Input | P _A | 7.00 | kW |
| Rated COP | COP _A | 1.61 | |
| Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _B | 12.67 | kW |
| Declared Power Input | P _B | 6.16 | kW |
| Declared COP | COP _B | 2.06 | |
| Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _C | 14.58 | kW |
| Declared Power Input | P _C | 5.12 | kW |
| Declared COP | COP _C | 2.85 | |
| Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _D | 16.42 | kW |
| Declared Power Input | P _D | 4.26 | kW |
| Declared COP | COP _D | 3.85 | |
| Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q ₃ | 9.07 | kW |
| Declared Power Input | P ₃ | 8.48 | kW |
| Declared COP | COP ₃ | 1.07 | |
| Other Items | | | |
| Capacity Control | | Fixed | |
| Degradation Coefficient | Cds | 0.25 | |
| Unit suction line temperature | t11 | 20.00 | °C |
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