

## SEPR-Report EN 13215:2016 E

Model: MC-M8-ZF15KE-TFD

Refrigerant: R407F Arith. Mean Temp.

S.I.

| Item   | Symbol  | Value (LT) | Unit  |
|--|---|------------|-------|
| Evaporating Temperature  | t   | -35        | °C    |
| Annual Electricity Consumption   | E   | 13086      | kWh/a |
| Seasonal Energy Performance Ratio  | SEPR  | 1.81       |       |
| <b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b> |   |            |       |
| Rated Cooling Capacity   | $Q_A$   | 3.18       | kW    |
| Rated Power Input  | $P_A$   | 3.13       | kW    |
| Rated COP  | $COP_A$   | 1.01       |       |
| <b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b> |   |            |       |
| Declared Cooling Capacity  | $Q_B$   | 3.47       | kW    |
| Declared Power Input   | $P_B$   | 2.66       | kW    |
| Declared COP   | $COP_B$   | 1.31       |       |
| <b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b> |   |            |       |
| Declared Cooling Capacity  | $Q_C$   | 3.88       | kW    |
| Declared Power Input   | $P_C$   | 2.10       | kW    |
| Declared COP   | $COP_C$   | 1.85       |       |
| <b>Parameters at full load and ambient temperature 6 °C, Subcooling 0.0 K</b>  |   |            |       |
| Declared Cooling Capacity  | $Q_D$   | 4.23       | kW    |
| Declared Power Input   | $P_D$   | 1.70       | kW    |
| Declared COP   | $COP_D$   | 2.49       |       |
| <b>Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K</b> |   |            |       |
| Declared Cooling Capacity  | $Q_3$   | 2.68       | kW    |
| Declared Power Input   | $P_3$   | 4.05       | kW    |
| Declared COP   | $COP_3$   | 0.66       |       |
| <b>Other Items</b>   |   |            |       |
| 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<br>Phone: +49 (0) 2408 929 0 - Fax: +49 (0) 2408 929 570 - Internet: <a href="http://climate.emerson.com/en-gb">climate.emerson.com/en-gb</a> |            |       |