

## SEPR-Report EN 13215:2016 E

Model: MC-K9-ZB21KE-PFJ

Refrigerant: R448A Arith. Mean Temp.

S.I.

| Item   | Symbol  | Value (MT) | Unit  |
|--|---|------------|-------|
| Evaporating Temperature  | t   | -10        | °C    |
| Annual Electricity Consumption   | E   | 9684       | kWh/a |
| Seasonal Energy Performance Ratio  | SEPR  | 3.35       |       |
| <b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b> |   |            |       |
| Rated Cooling Capacity   | Q <sub>A</sub>  | 5.28       | kW    |
| Rated Power Input  | P <sub>A</sub>  | 2.53       | kW    |
| Rated COP  | COP <sub>A</sub>  | 2.09       |       |
| <b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b> |   |            |       |
| Declared Cooling Capacity  | Q <sub>B</sub>  | 5.78       | kW    |
| Declared Power Input   | P <sub>B</sub>  | 2.18       | kW    |
| Declared COP   | COP <sub>B</sub>  | 2.65       |       |
| <b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b> |   |            |       |
| Declared Cooling Capacity  | Q <sub>C</sub>  | 6.45       | kW    |
| Declared Power Input   | P <sub>C</sub>  | 1.79       | kW    |
| Declared COP   | COP <sub>C</sub>  | 3.61       |       |
| <b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>  |   |            |       |
| Declared Cooling Capacity  | Q <sub>D</sub>  | 7.04       | kW    |
| Declared Power Input   | P <sub>D</sub>  | 1.51       | kW    |
| Declared COP   | COP <sub>D</sub>  | 4.67       |       |
| <b>Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K</b> |   |            |       |
| Declared Cooling Capacity  | Q <sub>3</sub>  | 4.43       | kW    |
| Declared Power Input   | P <sub>3</sub>  | 3.22       | kW    |
| Declared COP   | COP <sub>3</sub>  | 1.38       |       |
| <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> |            |       |