

SEPR-Report EN 13215:2016 E

Model: P8-3DA-50X

Refrigerant: R134a Dew Point

S.I.

| Item | Symbol | Value (MT) | Unit |
|--|---|------------|-------|
| Evaporating Temperature | t | -10 | °C |
| Annual Electricity Consumption | E | 18952 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 2.99 | |
| Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K | | | |
| Rated Cooling Capacity | Q _A | 9.21 | kW |
| Rated Power Input | P _A | 4.16 | kW |
| Rated COP | COP _A | 2.22 | |
| Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _B | 10.14 | kW |
| Declared Power Input | P _B | 3.95 | kW |
| Declared COP | COP _B | 2.56 | |
| Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _C | 11.49 | kW |
| Declared Power Input | P _C | 3.61 | kW |
| Declared COP | COP _C | 3.19 | |
| Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q _D | 12.86 | kW |
| Declared Power Input | P _D | 3.19 | kW |
| Declared COP | COP _D | 4.03 | |
| Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K | | | |
| Declared Cooling Capacity | Q ₃ | 7.78 | kW |
| Declared Power Input | P ₃ | 4.40 | kW |
| Declared COP | COP ₃ | 1.77 | |
| Other Items | | | |
| 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 Phone: +49 (0) 2408 929 0 - Fax: +49 (0) 2408 929 570 - Internet: climate.emerson.com/en-gb | | |