



Ecodesign Requirement

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|---|----------|-------|------|--|--------|-------|------|
| Model: FSAIF-NORD-90DE3 / FSOAIF-NORD-90DE3 | | | | | | | |
| Function (indicate if present) | | | | If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'. | | | |
| Cooling | Y | | | Average (mandatory) | Y | | |
| Heating | Y | | | Warmer (if designated) | N | | |
| | | | | Colder (if designated) | N | | |
| Item | symbol | value | Unit | Item | symbol | value | unit |
| Design load | | | | Seasonal efficiency | | | |
| cooling | Pdesignc | 2,6 | kW | cooling | SEER | 8,5 | — |
| heating/Average | Pdesignh | 2,4 | kW | heating/Average | SCOP/A | 4,6 | — |
| heating/Warmer | Pdesignh | NA | kW | heating/Warmer | SCOP/W | NA | — |
| heating/Colder | Pdesignh | NA | kW | heating/Colder | SCOP/C | NA | — |
| Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj | | | | Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj | | | |
| Tj = 35 °C | Pdc | 2,6 | kW | Tj = 35 °C | EERd | 4,8 | — |
| Tj = 30 °C | Pdc | 1,9 | kW | Tj = 30 °C | EERd | 7,3 | — |
| Tj = 25 °C | Pdc | 1,2 | kW | Tj = 25 °C | EERd | 10,5 | — |

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|--|-----|-----|----|--|------|------|---|
| Tj = 20 °C | Pdc | 1,3 | kW | Tj = 20 °C | EERd | 14,9 | — |
| Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = – 7 °C | Pdh | 2,1 | kW | Tj = – 7 °C | COPd | 3,0 | — |
| Tj = 2 °C | Pdh | 1,3 | kW | Tj = 2 °C | COPd | 4,8 | — |
| Tj = 7 °C | Pdh | 0,9 | kW | Tj = 7 °C | COPd | 5,6 | — |
| Tj = 12 °C | Pdh | 1,0 | kW | Tj = 12 °C | COPd | 6,8 | — |
| Tj = bivalent temperature | Pdh | 2,1 | kW | Tj = bivalent temperature | COPd | 3,0 | — |
| Tj = operating limit | Pdh | 2,0 | kW | Tj = operating limit | COPd | 2,9 | — |
| Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = 2 °C | Pdh | NA | kW | Tj = 2 °C | COPd | NA | — |
| Tj = 7 °C | Pdh | NA | kW | Tj = 7 °C | COPd | NA | — |
| Tj = 12 °C | Pdh | NA | kW | Tj = 12 °C | COPd | NA | — |
| Tj = bivalent temperature | Pdh | NA | kW | Tj = bivalent temperature | COPd | NA | — |
| Tj = operating limit | Pdh | NA | kW | Tj = operating limit | COPd | NA | — |
| Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = – 7 °C | Pdh | NA | kW | Tj = – 7 °C | COPd | NA | — |
| Tj = 2 °C | Pdh | NA | kW | Tj = 2 °C | COPd | NA | — |
| Tj = 7 °C | Pdh | NA | kW | Tj = 7 °C | COPd | NA | — |
| Tj = 12 °C | Pdh | NA | kW | Tj = 12 °C | COPd | NA | — |
| Tj = bivalent temperature | Pdh | NA | kW | Tj = bivalent temperature | COPd | NA | — |
| Tj = operating limit | Pdh | NA | kW | Tj = operating limit | COPd | NA | — |

| | | | | | | | |
|--|-------------------|--------|----|---|--------------------|----------|--------------------------|
| T _j = – 15 °C | P _{dh} | NA | kW | T _j = – 15 °C | COP _d | NA | — |
| Bivalent temperature | | | | Operating limit temperature | | | |
| heating/Average | T _{biv} | -7 | °C | heating/Average | T _{ol} | -10 | °C |
| heating/Warmer | T _{biv} | NA | °C | heating/Warmer | T _{ol} | NA | °C |
| heating/Colder | T _{biv} | NA | °C | heating/Colder | T _{ol} | NA | °C |
| Cycling interval capacity | | | | Cycling interval efficiency | | | |
| for cooling | P _{cycc} | NA | kW | cooling | EER _{cyc} | NA | — |
| for heating | P _{ych} | NA | kW | heating | COP _{cyc} | NA | — |
| Degradation co-efficient cooling(**) | C _{dc} | 0.25 | — | Degradation co-efficient heating (**) | C _{dh} | 0.25 | — |
| Electric power input in power modes other than 'active mode' | | | | Annual electricity consumption | | | |
| off mode | P _{OFF} | 0,0015 | Kw | cooling | Q _{CE} | 107 | kWh/a |
| standby mode | P _{SB} | 0,0015 | kW | heating/Average | Q _{HE} | 730 | kWh/a |
| thermostat-off mode(Cool/Heat) | P _{TO} | 0,024 | kW | heating/Warmer | Q _{HE} | NA | kWh/a |
| crankcase heater mode | P _{CK} | NA | kW | heating/Colder | Q _{HE} | NA | kWh/a |
| Capacity control (indicate one of three options) | | | | Other items | | | |
| fixed | N | | | Sound power level (indoor/outdoor) | LWA | 56/60 | dB(A) |
| staged | N | | | Global warming potential | GWP | 675 | kgCO ₂ eq. |
| variable | Y | | | Rated air flow (indoor/outdoor) | — | 700/2000 | m ³ /h |

Contact details for
obtaining more
information

Fisher Aircon Solutions Llc.

*For multisplit appliances, data is provided at capacity ratio of 1.