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Login

| Summary of | Jäspi Inverter Split 12 | Reg. No. | 012-SC0806-18 |
|---|---|---|---|
| Certificate Holder | | | |
| Name | Kaukora | | |
| Address | Tuotekatu 11 | Zip | FI-21200 |
| City | Raisio | Country | Finland |
| Certification Body | RISE CERT | | |
| Subtype title | Jäspi Inverter Split 12 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.9 kg | | |

# Model: Jäspi Inverter Split 12 + Jäspi Splitbox

| Configure model | |
|---|---|
| Model name | Jäspi Inverter Split 12 + Jäspi Splitbox |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 5.21 kW | 4.73 kW |
| El input | 1.09 kW | 1.54 kW |
| COP | 4.78 | 3.07 |

| EN 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

## Average Climate

## EN 12102-1

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

## EN 14825

| | Low temperature | Medium temperature |
|---|---|---|
| $\eta_s$ | 174 % | 132 % |
| Prated | 11.50 kW | 10.00 kW |
| SCOP | 4.42 | 3.37 |
| Tbiv | -7 °C | -8 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.30 kW | 8.90 kW |
| COP Tj = -7°C | 2.91 | 1.99 |
| Pdh Tj = +2°C | 6.30 kW | 5.50 kW |
| COP Tj = +2°C | 4.34 | 3.22 |
| Pdh Tj = +7°C | 4.10 kW | 3.50 kW |
| COP Tj = +7°C | 5.51 | 4.61 |
| Pdh Tj = 12°C | 4.80 kW | 5.00 kW |
| COP Tj = 12°C | 6.96 | 6.25 |
| Pdh Tj = Tbiv | 10.20 kW | 9.20 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.89 | 1.90 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.30 kW | 8.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.66 | 1.92 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.97 | 0.98 |
| WTOL | 65 °C | 65 °C |
| Poff | 2 W | 2 W |
| PTO | 20 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 35 W | 35 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 2.20 kW | 1.90 kW |
| Annual energy consumption Qhe | 5482 kWh | 6136 kWh |