

Subtype Jäspi Inverter Nordic 8

| | |
|---------------------|-------------------------|
| Certificate Holder | Kaukora |
| Address | Tuotekatu 11 |
| ZIP | FI-21200 |
| City | Raisio |
| Country | FI |
| Certification Body | RISE CERT |
| Subtype title | Jäspi Inverter Nordic 8 |
| Registration number | 012-SC0653-18 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R410A |
| Mass of Refrigerant | 2.4 kg |

Model Jäspi Inverter Nordic 8 (1-phase)

| | |
|-------------------------------------|-----------------------------------|
| Model name | Jäspi Inverter Nordic 8 (1-phase) |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | Colder Climate |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |

General data

| | |
|------------------|-------------|
| Power supply | 1x230V 50Hz |
| Off-peak product | No |

Outdoor Air/Water

EN 14511-4 | Heating

| | |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| η_s | 189 % | 147 % |
| Prated | 5.90 kW | 6.30 kW |
| SCOP | 4.80 | 3.67 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.20 kW | 5.50 kW |
| COP Tj = -7°C | 3.25 | 2.48 |
| Pdh Tj = +2°C | 4.00 kW | 4.10 kW |
| COP Tj = +2°C | 4.91 | 3.80 |
| Pdh Tj = +7°C | 2.90 kW | 2.90 kW |
| COP Tj = +7°C | 5.60 | 4.45 |
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 6.40 | 5.26 |
| Pdh Tj = Tbiv | 5.20 kW | 5.50 kW |
| COP Tj = Tbiv | 3.25 | 2.48 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.30 kW | 5.70 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.12 | 2.34 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |

| | | |
|--|-------------|-------------|
| WTOL | 65 °C | 65 °C |
| Poff | 25 W | 25 W |
| PTO | 10 W | 10 W |
| PSB | 25 W | 25 W |
| PCK | 37 W | 37 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.60 kW | 0.60 kW |
| Annual energy consumption Qhe | 4182 kWh | 5524 kWh |

EN 12102-1 | Colder Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

EN 14825 | Colder Climate

| | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| η_s | 158 % | 130 % |
| Prated | 6.80 kW | 7.40 kW |
| SCOP | 4.02 | 3.32 |
| Tbiv | -12 °C | -12 °C |
| TOL | -22 °C | -22 °C |
| Pdh Tj = -7°C | 4.10 kW | 4.50 kW |
| COP Tj = -7°C | 3.30 | 2.74 |
| Pdh Tj = +2°C | 2.60 kW | 2.70 kW |
| COP Tj = +2°C | 5.20 | 4.10 |
| Pdh Tj = +7°C | 2.90 kW | 2.90 kW |
| COP Tj = +7°C | 5.52 | 4.65 |
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 6.25 | 5.31 |
| Pdh Tj = Tbiv | 5.00 kW | 5.50 kW |
| COP Tj = Tbiv | 3.00 | 2.50 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 3.80 kW | 4.30 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.30 | 1.85 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 65 °C | 65 °C |
| Poff | 25 W | 25 W |
| PTO | 10 W | 10 W |
| PSB | 25 W | 25 W |
| PCK | 37 W | 37 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 3.10 kW | 3.10 kW |
| Annual energy consumption Qhe | 4182 kWh | 5524 kWh |

Model Jäspi Inverter Nordic 8 (3-phase)

| | |
|-------------------------------------|-----------------------------------|
| Model name | Jäspi Inverter Nordic 8 (3-phase) |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | Colder Climate |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |

General data

| | |
|------------------|-------------|
| Power supply | 3x400V 50Hz |
| Off-peak product | No |

Outdoor Air/Water

EN 14511-4 | Heating

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| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

EN 12102-1 | Average Climate

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| Pdh Tj = +7°C | 2.90 kW | 2.90 kW |
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| COP Tj = 12°C | 6.25 | 5.31 |
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| COP Tj = Tbiv | 3.00 | 2.50 |
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