Subtype Jäspi Inverter M6

Certificate Holder	Kaukora
Address	Tuotekatu 11
ZIP	FI-21200
City	Raisio
Country	FI
Certification Body	RISE CERT
Subtype title	Jäspi Inverter M6
Registration number	012-C900022
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	1.5 kg
Certification Date	26.03.2020
Testing basis	HP Keymark Scheme 2017
Testing laboratory	RISE Research Institutes of Sweden

Model Jäspi Inverter M6

Model name	Jäspi Inverter M6
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	2.42 kW	1.57 kW
El input	0.50 kW	0.76 kW
COP	4.85	2.06

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	50 dB(A)	50 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	188 %	131 %
Prated	4.80 kW	5.30 kW
SCOP	4.77	3.35
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.30 kW	4.70 kW
COP Tj = -7°C	2.60	1.88
Pdh Tj = +2°C	2.60 kW	2.80 kW
COP Tj = +2°C	4.84	3.26
Pdh Tj = +7°C	1.70 kW	1.80 kW
COP Tj = +7°C	6.91	4.72
Pdh Tj = 12°C	2.70 kW	2.70 kW
COP Tj = 12°C	7.72	6.47

Pdh Tj = Tbiv	4.30 kW	4.70 kW
COP Tj = Tbiv	2.60	1.88
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.20 kW	4.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.24	1.77
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.98	0.99
WTOL	58 °C	58 °C
Poff	7 W	7 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.20 kW
Annual energy consumption Qhe	2089 kWh	3248 kWh