Subtype Jäspi Inverter R6

Certificate Holder	Kaukora
Address	Tuotekatu 11
ZIP	FI-21200
City	Raisio
Country	FI
Certification Body	RISE CERT
Subtype title	Jäspi Inverter R6
Registration number	012-C700265
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.3 kg
Certification Date	16.04.2024
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2017
Testing laboratory	RISE Research Institutes of Sweden

Model Jäspi Inverter R6	
Model name	Jäspi Inverter R6
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
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
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	5.08 kW	4.16 kW
El input	0.98 kW	1.36 kW
COP	5.17	3.06

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
ηs	200 %	139 %
Prated	5.20 kW	5.60 kW
SCOP	5.08	3.56
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.54 kW	5.04 kW
COP Tj = -7°C	3.04	1.95
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	2.70 kW	2.89 kW
COP Tj = +2°C	5.00	3.51
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	1.78 kW	1.89 kW

COP Tj = +7°C	6.67	4.99
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	1.83 kW	1.74 kW
COP Tj = 12°C	8.54	6.33
Cdh Tj = +12 °C	0.950	0.960
Pdh Tj = Tbiv	5.23 kW	5.04 kW
COP Tj = Tbiv	2.61	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.23 kW	4.56 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.61	1.75
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	58 °C	58 °C
Poff	7 W	7 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	1.00 kW
Annual energy consumption Qhe	2116 kWh	3250 kWh