Subtype Jäspi Inverter R10	
Certificate Holder	Kaukora
Address	Tuotekatu 11
ZIP	FI-21200
City	Raisio
Country	FI
Certification Body	RISE CERT
Subtype title	Jäspi Inverter R10
Registration number	012-C700266
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.84 kg
Certification Date	16.04.2024
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2022
Testing laboratory	RISE Research Institutes of Sweden

Model Jäspi Inverter R10	
Model name	Jäspi Inverter R10
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	6.78 kW	6.19 kW
El input	1.37 kW	2.03 kW
COP	4.93	3.04

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	dB(A)	53 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	181 %	132 %
Prated	6.30 kW	6.45 kW
SCOP	4.60	3.36
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.60 kW	5.77 kW
COP Tj = -7°C	3.01	1.98
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	3.24 kW	3.45 kW
COP Tj = +2°C	4.20	3.17
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.26 kW	2.26 kW

COP Tj = +7°C	6.48	4.98
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	2.57 kW	2.24 kW
COP Tj = 12°C	8.05	5.50
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	6.30 kW	5.77 kW
COP Tj = Tbiv	2.61	1.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.30 kW	5.79 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.61	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	3 W	3 W
PTO	12 W	8 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2834 kWh	3961 kWh