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Login

Summary of	Jäspi Inverter M8	Reg. No.	012-SC0651-18
Certificate Holder			
Name	Kaukora		
Address	Tuotekatu 11	Zip	FI-21200
City	Raisio	Country	Finland
Certification Body	RISE CERT		
Subtype title	Jäspi Inverter M8		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	2.6 kg		

Model: Jäspi Inverter M8

Configure model	
Model name	Jäspi Inverter M8
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

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

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	3.86 kW	3.50 kW
El input	0.83 kW	1.17 kW
COP	4.65	2.99

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	172 %	127 %
Prated	8.20 kW	7.00 kW
SCOP	4.37	3.25
Tbiv	-8 °C	-9 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.40 kW	6.30 kW
COP Tj = -7°C	2.92	1.94
Pdh Tj = +2°C	4.50 kW	3.90 kW
COP Tj = +2°C	4.30	3.11
Pdh Tj = +7°C	2.90 kW	2.60 kW
COP Tj = +7°C	5.41	4.42
Pdh Tj = 12°C	3.50 kW	3.70 kW
COP Tj = 12°C	6.51	5.93
Pdh Tj = Tbiv	7.40 kW	6.60 kW
COP Tj = Tbiv	2.86	1.83

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	5.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.67	1.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.96	0.97
WTOL	58 °C	58 °C
Poff	2 W	2 W
PTO	15 W	10 W
PSB	15 W	15 W
PCK	20 W	20 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.40 kW	1.10 kW
Annual energy consumption Qhe	3882 kWh	4447 kWh