

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	Jäspi Inverter Split 12	Reg. No.	012-SC0806-18
Certificate Holder			
Name	Kaukora		
Address	Tuotekatu 11	Zip	FI-21200
City	Raisio	Country	Finland
Certification Body	RISE CERT		
Name of testing laboratory	RISE		
Subtype title	Jäspi Inverter Split 12		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.9 kg		

# Model: Jäspi Inverter Split 12 + Jäspi Splitbox

## General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	5.21 kW	4.73 kW
El input	1.09 kW	1.54 kW
COP	4.78	3.07
Indoor water flow rate	0.89 m <sup>3</sup> /h	0.51 m <sup>3</sup> /h

### 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

## Average Climate

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### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	174 %	132 %
Prated	11.50 kW	10.00 kW
SCOP	4.42	3.37
Tbiv	-7 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.30 kW	8.90 kW
COP Tj = -7°C	2.91	1.99
Pdh Tj = +2°C	6.30 kW	5.50 kW
COP Tj = +2°C	4.34	3.22
Pdh Tj = +7°C	4.10 kW	3.50 kW
COP Tj = +7°C	5.51	4.61
Pdh Tj = 12°C	4.80 kW	5.00 kW
COP Tj = 12°C	6.96	6.25
Pdh Tj = Tbiv	10.20 kW	9.20 kW

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COP $T_j = T_{biv}$	2.89	1.90
P <sub>dh</sub> $T_j = TOL$	9.30 kW	8.10 kW
COP $T_j = TOL$	2.66	1.92
C <sub>dh</sub>	0.97	0.98
WTOL	65 °C	65 °C
P <sub>off</sub>	2 W	2 W
PTO	20 W	15 W
PSB	15 W	15 W
PCK	35 W	35 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	2.20 kW	1.90 kW
Annual energy consumption Q <sub>he</sub>	5482 kWh	6136 kWh