Subtype ISILIA M 11

Certificate Holder	Groupe Atlantic
Address	Rue des Fondeurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	ISILIA M 11
Registration number	012-C700316
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.88 kg
Certification Date	04.06.2024
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2022
Testing laboratory	CETIAT, FR

Model ISILIA M 11

Model name	ISILIA M 11
Application	Heating (medium temp)
Units	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
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	5.00 kW	5.00 kW
El input	0.97 kW	1.64 kW
COP	5.15	3.04

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	200 %	143 %
Prated	5.80 kW	5.50 kW
SCOP	5.07	3.65
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.90 kW
COP Tj = -7°C	3.20	2.26
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.10 kW	3.00 kW
COP Tj = +2°C	4.98	3.59
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.00 kW	1.90 kW
COP Tj = +7°C	6.76	4.76

Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	2.50 kW	2.40 kW
COP Tj = 12°C	8.78	6.72
Cdh Tj = +12 °C	0.950	0.960
Pdh Tj = Tbiv	5.10 kW	4.90 kW
COP Tj = Tbiv	3.20	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.00 kW	4.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.84	2.00
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	60 °C	60 °C
Poff	5 W	5 W
PTO	13 W	13 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	0.80 kW
Annual energy consumption Qhe	2364 kWh	3110 kWh