Subtype PACIFIC H-MAX 11

Certificate Holder	Groupe Atlantic
Address	Rue des Fondeurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	PACIFIC H-MAX 11
Registration number	012-C700250
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.47 kg
Certification Date	06.02.2024
Testing basis	EN 14511:2022, EN 16147:2017, EN 14825:2022, EN 12102:2022
Testing laboratory	ACTA INDUSTRIE - Laboratoire Acoustique et Climatique

Model PACIFIC H-MAX 11	
Model name	PACIFIC H-MAX 11
Application	Heating (medium temp)
Units	Indoor, 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	10.00 kW	10.00 kW
El input	2.13 kW	3.40 kW
COP	4.70	2.94

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	195 %	141 %
Prated	10.20 kW	9.90 kW
SCOP	4.94	3.60
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.00 kW	8.80 kW
COP Tj = -7°C	3.06	2.16
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	5.50 kW	5.30 kW
COP Tj = +2°C	4.92	3.53
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	4.00 kW	3.70 kW

COP Tj = +7°C	6.61	4.87
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	4.50 kW	4.40 kW
COP Tj = 12°C	8.30	6.74
Cdh Tj = +12 °C	0.960	0.960
Pdh Tj = Tbiv	9.00 kW	8.80 kW
COP Tj = Tbiv	3.06	2.16
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.00 kW	8.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.71	1.94
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	60 °C	60 °C
Poff	13 W	13 W
PTO	23 W	23 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.90 kW
Annual energy consumption Qhe	4269 kWh	5685 kWh

Model PACIFIC H-MAX +11

Model name	PACIFIC H-MAX +11
Application	Heating + DHW + low temp
Units	Indoor, 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 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	124 %
COP	3.10
Heating up time	1:35 h:min
Standby power input	45.0 W
Reference hot water temperature	55.0 °C
Mixed water at 40°C	238 l

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	10.00 kW	10.00 kW
El input	2.13 kW	3.40 kW
COP	4.70	2.94

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	195 %	141 %
Prated	10.20 kW	9.90 kW

SCOP	4.94	3.60
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.00 kW	8.80 kW
COP Tj = -7°C	3.06	2.16
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	5.50 kW	5.30 kW
COP Tj = +2°C	4.92	3.53
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	4.00 kW	3.70 kW
COP Tj = +7°C	6.61	4.87
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	4.50 kW	4.40 kW
COP Tj = 12°C	8.30	6.74
Cdh Tj = +12 °C	0.960	0.960
Pdh Tj = Tbiv	9.00 kW	8.80 kW
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WTOL	60 °C	60 °C
Poff	13 W	13 W
PTO	23 W	23 W
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.90 kW
Annual energy consumption Qhe	4269 kWh	5685 kWh