Subtype THERMOR Aérolia Compact Duo 3	
Certificate Holder	Groupe Atlantic
Address	Rue des Fondeurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	THERMOR Aérolia Compact Duo 3
Registration number	012-C700234
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.97 kg
Certification Date	11.12.2023
Testing basis	EN 14511:2022, EN 16147:2017, EN 14825:2022, EN 12102:2022.
Testing laboratory	ACTA INDUSTRIE - Laboratoire Acoustique et Climatique

Model THERMOR Aérolia Compact Duo 3	
Model name	THERMOR Aérolia Compact Duo 3
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	132 %
COP	3.30
Heating up time	1:30 h:min
Standby power input	30.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	216 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	3.30 kW	3.10 kW
El input	0.65 kW	1.22 kW
COP	5.07	2.55

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	181 %	125 %
Prated	4.40 kW	4.20 kW

SCOP	4.60	3.21
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.90 kW	3.70 kW
COP Tj = -7°C	3.09	1.96
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	2.40 kW	2.30 kW
COP Tj = +2°C	4.43	3.09
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.10 kW	1.80 kW
COP Tj = +7°C	6.07	4.37
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	7.85	6.19
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	3.90 kW	3.70 kW
COP Tj = Tbiv	3.09	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.90 kW	3.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	1.63
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.970	1.000
WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	9 W	9 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.50 kW	0.90 kW
Annual energy consumption Qhe	1977 kWh	2707 kWh