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Summary of	THERMASTAGE Compact 08	Reg. No.	012-SC0373-19
Certificate Holder			
Name	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000
City	La Roche Sur Yon	Country	France
Certification Body	RISE CERT		
Subtype title	THERMASTAGE Compact 08		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.4 kg		
Certification Date	30.09.2019		

Model: THERMASTAGE Compact Duo 08

Configure model	
Model name	THERMASTAGE Compact Duo 08
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz
Phase-out Date	12.03.2024

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	4.75 kW	5.21 kW
El input	0.92 kW	0.87 kW
COP	5.14	2.79

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	176 %	129 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.30
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.02 kW	5.84 kW
COP Tj = -7°C	2.60	1.90
Pdh Tj = +2°C	3.66 kW	3.55 kW
COP Tj = +2°C	4.25	3.13
Pdh Tj = +7°C	2.35 kW	2.28 kW
COP Tj = +7°C	6.48	4.83
Pdh Tj = 12°C	2.29 kW	2.15 kW
COP Tj = 12°C	9.81	6.90

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Pdh Tj = Tbiv	6.02 kW	5.84 kW
COP Tj = Tbiv	2.60	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.55 kW	5.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.39	1.56
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	9 W	9 W
PTO	15 W	15 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	0.90 kW
Annual energy consumption Qhe	3147 kWh	4132 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	130 %
COP	3.26
Heating up time	1:36 h:min
Standby power input	31.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	243 l

Model: THERMASTAGE Compact Combi 08

Configure model

Model name	THERMASTAGE Compact Combi 08
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data

Power supply	1x230V 50Hz
Phase-out Date	12.03.2024

Heating

EN 14511-4

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Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
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Defrost test	passed

EN 14511-2

	Low temperature	Medium temperature
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El input	0.92 kW	1.87 kW
COP	5.14	2.79

Average Climate

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