

This information was generated by the HP KEYMARK database on 21 Jun 2022

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Summary of	THERMASTAGE Compact 11	Reg. No.	012-SC0374-19
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 11		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.8 kg		
Certification Date	30.09.2019		

Model: THERMASTAGE Compact Combi 11

Configure model

Model name	THERMASTAGE Compact Combi 11
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 14511-2

	Low temperature	Medium temperature
Heat output	6.66 kW	6.52 kW
El input	1.31 kW	2.39 kW
COP	5.09	2.72

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	176 %	131 %
Prated	9.00 kW	9.00 kW
SCOP	4.47	3.36
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.05 kW	7.65 kW
COP Tj = -7°C	2.54	1.89
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	4.90 kW	4.66 kW
COP Tj = +2°C	4.46	3.29
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	3.15 kW	3.42 kW
COP Tj = +7°C	6.20	4.84
Cdh Tj = +7 °C	0.90	0.90

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Pdh Tj = 12°C	4.20 kW	4.10 kW
COP Tj = 12°C	9.02	6.82
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	8.05 kW	7.65 kW
COP Tj = Tbiv	2.54	1.89
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.51 kW	6.74 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.71
WTOL	55 °C	55 °C
Poff	7 W	7 W
PTO	52 W	52 W
PSB	7 W	7 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.90 kW
Annual energy consumption Qhe	4206 kWh	5320 kWh

Model: THERMASTAGE Compact Duo 11

Configure model	
Model name	THERMASTAGE Compact Duo 11
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 14511-2		
	Low temperature	Medium temperature
Heat output	6.66 kW	6.52 kW
El input	1.31 kW	2.39 kW
COP	5.09	2.72

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

This information was generated by the HP KEYMARK database on 21 Jun 2022

EN 12102-1

	Low temperature	Medium temperature
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WTOL	55 °C	55 °C
Poff	7 W	7 W
PTO	52 W	52 W
PSB	7 W	7 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.90 kW
Annual energy consumption Qhe	4206 kWh	5320 kWh

Domestic Hot Water (DHW)

Average Climate

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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