

$$\operatorname{\textit{Page}}\ 1$$ of 5 This information was generated by the HP KEYMARK database on 23 Jun 2022

<u>Login</u>

Summary of	Thermastage Compact Combi 03	Reg. No.	012-C700125
Certificate Holder		<u> </u>	
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 Combi 03		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	0.97 kg		
Certification Date	09.09.2021		
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2017, EN 16147:2017		

This information was generated by the HP KEYMARK database on 23 Jun 2022

Model: Thermastage Compact Duo 03

Configure model		
Model name	Thermastage Compact Duo 03	
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	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.30 kW	3.10 kW
El input	0.65 kW	1.22 kW
СОР	5.07	2.55

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

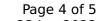


 $$\operatorname{\textit{Page}}\ 3$$ of 5 This information was generated by the HP KEYMARK database on 23 Jun 2022

EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{s}	181 %	126 %
Prated	4.40 kW	4.20 kW
SCOP	4.60	3.22
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	2.20 kW
COP Tj = +7°C	6.07	4.48
Cdh Tj = +7 °C	0.970	0.980

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





This information was generated by the HP KEYMARK database on 23 Jun 2022 Pdh Tj = 12° C 2.40 kW 2.30 kW 7.85 6.19 $COP Tj = 12^{\circ}C$ Cdh Tj = +12 °C 0.970 0.980 Pdh Tj = Tbiv3.90 kW 3.70 kW COP Tj = Tbiv3.09 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 0.990 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

Electricity

0.50 kW

1977 kWh

Electricity

0.90 kW

2694 kWh

Domestic Hot Water (DHW)

Supplementary Heater: Type of energy input

Average Climate

Supplementary Heater: PSUP

Annual energy consumption Qhe



245 I



Mixed water at 40°C

This information was generated by the HP KEYMARK database on 23 Jun 2022 **EN 16147** Declared load profile 132 % Efficiency ηDHW COP 3.30 Heating up time 1:45 h:min Standby power input 31.0 W 52.5 °C Reference hot water temperature