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### This information was generated by the HP KEYMARK database on 18 Mar 2022

#### **Login**

Summary of	Thermastage Compact Combi 03	Reg. No.	012-C700125
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 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		



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# **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**

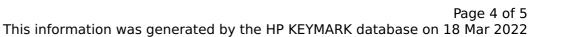


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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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

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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	0.990	1.000
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	9 W	9 W
PSB	8 W	8 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.50 kW	0.90 kW
Annual energy consumption Qhe	1977 kWh	2694 kWh

Domestic Hot Water (DHW)

Average Climate





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EN 16147		
Declared load profile	L	
Efficiency ηDHW	132 %	
СОР	3.30	
Heating up time	1:45 h:min	
Standby power input	31.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	245 I	