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#### <u>Login</u>

Summary of	Thermastage Compact Combi 05	Reg. No.	012-C700126
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 05		
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 05**

Configure model			
Model name	Thermastage Compact Duo 05		
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	4.60 kW	4.50 kW	
El input	0.95 kW	1.66 kW	
СОР	4.83	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

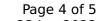




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825			
	Low temperature	Medium temperature	
$\eta_{s}$	182 %	128 %	
Prated	5.40 kW	4.80 kW	
SCOP	4.61	3.29	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	4.80 kW	4.30 kW	
COP Tj = -7°C	3.00	2.03	
Cdh Tj = -7 °C	0.990	0.990	
Pdh Tj = +2°C	2.90 kW	2.60 kW	
COP Tj = +2°C	4.45	3.14	
Cdh Tj = +2 °C	0.980	0.980	
Pdh Tj = +7°C	1.90 kW	2.20 kW	
COP Tj = +7°C	6.21	4.55	
Cdh Tj = +7 °C	0.960	0.970	

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 = $12^{\circ}$ C 2.40 kW 2.30 kW 7.99 6.29 $COP Tj = 12^{\circ}C$ Cdh Tj = +12 °C 0.960 0.960 Pdh Tj = Tbiv4.80 kW 4.30 kW 3.00 2.03 COP Tj = TbivPdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 4.30 kW 3.90 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.75 1.72 Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 0.990 0.990 WTOL 55 °C 55 °C Poff 4 W 4 W PTO 12 W 13 W **PSB** 10 W 10 W

0 W

Electricity

1.10 kW

2418 kWh

0 W

Electricity

0.90 kW

3018 kWh

### Domestic Hot Water (DHW)

Supplementary Heater: Type of energy input

### **Average Climate**

Supplementary Heater: PSUP

Annual energy consumption Qhe

**PCK** 





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EN 16147		
Declared load profile	L	
Efficiency ηDHW	132 %	
СОР	3.30	
Heating up time	1:35 h:min	
Standby power input	31.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	245 I	