

Page 1 of 8

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

Login

Summary of	THERMOR Alféa Extensa A.I. size 6	Reg. No.	012-SC0223-19
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	THERMOR Alféa Extensa A.I. size 6		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.1 kg		
Certification Date	05.06.2019		



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Model: THERMOR Alféa Extensa Duo A.I. 6

Configure model		
Model name	THERMOR Alféa Extensa Duo A.I. 6	
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	6.00 kW	4.50 kW
El input	1.41 kW	1.79 kW
СОР	4.26	2.51

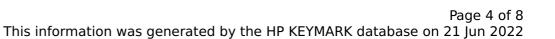
Average Climate

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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	169 %	115 %
Prated	5.00 kW	5.00 kW
SCOP	4.30	2.95
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.60 kW	4.00 kW
COP Tj = -7°C	2.70	1.80
Pdh Tj = +2°C	2.80 kW	2.50 kW
COP Tj = +2°C	4.20	2.90
Pdh Tj = +7°C	2.30 kW	1.70 kW
COP Tj = +7°C	6.00	4.00
Pdh Tj = 12°C	2.30 kW	2.10 kW
COP Tj = 12°C	8.30	5.80
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Pdh Tj = Tbiv	4.60 kW	4.00 kW
COP Tj = Tbiv	2.70	1.80
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.50 kW	3.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.60	1.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	6 W	6 W
РТО	23 W	16 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.70 kW	1.00 kW
Annual energy consumption Qhe	2505 kWh	3180 kWh

Domestic Hot Water (DHW)

Average Climate





 $$\operatorname{\textit{Page}}\xspace\:5\:\:\text{of}\:8\:$ This information was generated by the HP KEYMARK database on 21 Jun 2022

EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	3.00	
Heating up time	1:45 h:min	
Standby power input	32.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	249	



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Model: THERMOR Alféa Extensa A.I. 6

Configure model			
Model name	THERMOR Alféa Extensa A.I. 6		
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

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Low temperature	Medium temperature			
169 %	115 %			
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-7 °C	-7 °C			
-10 °C	-10 °C			
4.60 kW	4.00 kW			
2.70	1.80			
2.80 kW	2.50 kW			
4.20	2.90			
2.30 kW	1.70 kW			
6.00	4.00			
2.30 kW	2.10 kW			
8.30	5.80			
	Low temperature 169 % 5.00 kW 4.30 -7 °C -10 °C 4.60 kW 2.70 2.80 kW 4.20 2.30 kW 6.00 2.30 kW			

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Page 8 of 8 This information was generated by the HP KEYMARK database on 21 Jun 2022

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