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Summary of	THERMOR Alféa Extensa A.I. 6 R32	Reg. No.	012-C700010
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. 6 R32		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	0.97 kg		
Certification Date	04.03.2020		
Testing basis	HP Keymark Scheme Rules rev 7		

Model: THERMOR Alféa Extensa A.I. 6 R32

Configure model	
Model name	THERMOR Alféa Extensa A.I. 6 R32
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

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.50 kW	5.50 kW
El input	1.18 kW	2.06 kW
COP	4.65	2.67

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

Average Climate

This information was generated by the HP KEYMARK database on 22 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	175 %	125 %
Prated	6.00 kW	5.00 kW
SCOP	4.46	3.21
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.00 kW	4.70 kW
COP Tj = -7°C	2.74	1.97
Cdh Tj = -7 °C	0.96	0.97
Pdh Tj = +2°C	3.00 kW	2.90 kW
COP Tj = +2°C	4.68	3.11
Cdh Tj = +2 °C	0.96	0.97
Pdh Tj = +7°C	2.10 kW	1.80 kW
COP Tj = +7°C	6.04	4.29
Cdh Tj = +7 °C	0.96	0.97

This information was generated by the HP KEYMARK database on 22 Jun 2022

Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	7.43	6.06
Cdh Tj = +12 °C	0.96	0.97
Pdh Tj = Tbiv	5.00 kW	4.70 kW
COP Tj = Tbiv	2.74	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.50 kW	4.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.67	1.73
WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	12 W	13 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.10 kW	1.30 kW
Annual energy consumption Qhe	2594 kWh	3411 kWh

Model: THERMOR Alféa Extensa A.I. Duo 6 R32

Configure model	
Model name	THERMOR Alféa Extensa A.I. Duo 6 R32
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	5.50 kW	5.50 kW
El input	1.18 kW	2.06 kW
COP	4.65	2.67

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

Average Climate

This information was generated by the HP KEYMARK database on 22 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

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Pdh Tj = +2°C	3.00 kW	2.90 kW
COP Tj = +2°C	4.68	3.11
Cdh Tj = +2 °C	0.96	0.97
Pdh Tj = +7°C	2.10 kW	1.80 kW
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Cdh Tj = +7 °C	0.96	0.97

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Pdh Tj = Tbiv	5.00 kW	4.70 kW
COP Tj = Tbiv	2.74	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.50 kW	4.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.67	1.73
WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	12 W	13 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.10 kW	1.30 kW
Annual energy consumption Qhe	2594 kWh	3411 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	130 %
COP	3.10
Heating up time	1:35 h:min
Standby power input	30.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	245 l