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

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Summary of	Alféa Extensa A.I. 5 R32	Reg. No.	012-SC0366-19		
Certificate Holder	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	Alféa Extensa A.I. 5 R32				
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R32				
Mass of Refrigerant	0.97 kg				
Certification Date	04.10.2019				
Testing basis	HP Keymark Scheme Rules rev 7				

# Model: Alféa Extensa A.I. 5 R32

Configure model			
Model name	Alféa Extensa A.I. 5 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	4.50 kW	4.50 kW	
El input	0.95 kW	1.70 kW	
СОР	4.74	2.64	

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
$\eta_{s}$	175 %	125 %
Prated	5.00 kW	5.00 kW
SCOP	4.45	3.20
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.40 kW	4.20 kW
COP Tj = -7°C	2.84	1.99
Cdh Tj = -7 °C	0.96	0.97
Pdh Tj = +2°C	2.70 kW	2.50 kW
COP Tj = +2°C	4.40	3.11
Cdh Tj = +2 °C	0.96	0.97
Pdh Tj = +7°C	2.10 kW	1.90 kW
COP Tj = +7°C	5.85	4.25
Cdh Tj = +7 °C	0.96	0.97

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Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	7.39	5.91
Cdh Tj = +12 °C	0.96	0.97
Pdh Tj = Tbiv	4.40 kW	4.20 kW
COP Tj = Tbiv	2.84	1.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.00 kW	3.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.68	1.71
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	12 W	13 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	1.00 kW
Annual energy consumption Qhe	2322 kWh	3035 kWh



## Model: Alféa Extensa Duo A.I. 5 R32

Configure model			
Model name	Alféa Extensa Duo A.I. 5 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	4.50 kW	4.50 kW		
El input	0.95 kW	1.70 kW		
СОР	4.74	2.64		

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

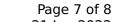
## Average Climate



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		
$\eta_{s}$	175 %	125 %		
Prated	5.00 kW	5.00 kW		
SCOP	4.45	3.20		
Tbiv	-7 °C	-7 °C		
TOL	-10 °C	-10 °C		
Pdh Tj = -7°C	4.40 kW	4.20 kW		
COP Tj = -7°C	2.84	1.99		
Cdh Tj = -7 °C	0.96	0.97		
Pdh Tj = +2°C	2.70 kW	2.50 kW		
COP Tj = +2°C	4.40	3.11		
Cdh Tj = +2 °C	0.96	0.97		
Pdh Tj = +7°C	2.10 kW	1.90 kW		
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Poff	4 W	4 W
РТО	12 W	13 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	1.00 kW
Annual energy consumption Qhe	2322 kWh	3035 kWh

Domestic Hot Water (DHW)

Average Climate





This information was generated by the HP KEYMARK database on 21 Jun 2022 **EN 16147** Declared load profile Efficiency ηDHW 130 % COP 3.10 Heating up time 1:35 h:min Standby power input 30.0 W 54.0 °C Reference hot water temperature Mixed water at 40°C 245 I