

Summary of	Alféa Extensa A.I. 5 R32	Reg. No.	012-SC0366-19
Certificate Holder			
Name	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000
City	La Roche Sur Yon	Country	France
Certification Body	RISE CERT		
Name of testing laboratory	Cetiat		
Subtype title	Alféa Extensa A.I. 5 R32	Alféa Extensa A.I. 5 R32	
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water	
Refrigerant	R32	R32	
Mass Of Refrigerant	0.97 kg	0.97 kg	
Certification Date	04.10.2019	04.10.2019	
Testing basis	HP Keymark Scheme Rules rev 7		



Model: Alféa Extensa A.I. 5 R32

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
Indoor water flow rate	0.43 m³/h	0.51 m³/h

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



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	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	0.96	0.97
Pdh Tj = +2°C	2.70 kW	2.50 kW
COP Tj = +2°C	4.40	3.11
Cdh	0.96	0.97
Pdh Tj = +7°C	2.10 kW	1.90 kW
COP Tj = +7°C	5.85	4.25
Cdh	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	0.96	0.97
Pdh Tj = Tbiv	4.40 kW	4.20 kW
COP Tj = Tbiv	2.84	1.99
Pdh Tj = TOL	4.00 kW	3.80 kW
COP Tj = TOL	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	0 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

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.50 kW	4.50 kW
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4.00 kW	3.80 kW
2.68	1.71
55 °C	55 °C
4 W	4 W
12 W	13 W
10 W	10 W
o w	o w
Electicity	Electicity
1.00 kW	1.00 kW
2322 kWh	3035 kWh
	2.40 kW 7.39 0.96 4.40 kW 2.84 4.00 kW 2.68 55 °C 4 W 12 W 10 W 0 W Electicity 1.00 kW

Domestic Hot Water (DHW)



EN 16147		
Efficiency ηDHW	130 %	
СОР	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 I	
Declared load profile	L	

Model: FUJITSU Waterstage Split Comfort Series 5

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
Indoor water flow rate	0.43 m³/h	0.51 m³/h

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



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CEN heat pump KEYMARK

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Pdh Tj = +7°C	2.10 kW	1.90 kW
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4.00 kW	3.80 kW
2.68	1.71
55 °C	55 °C
4 W	4 W
12 W	13 W
10 W	10 W
0 W	0 W
Electricity	Electricity
1.00 kW	1.00 kW
2322 kWh	3035 kWh
	7.39 0.96 4.40 kW 2.84 4.00 kW 2.68 55 °C 4 W 12 W 10 W 0 W Electricity 1.00 kW



Model: GENERAL Waterstage Split Comfort Series 5

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
Indoor water flow rate	0.43 m³/h	0.51 m³/h

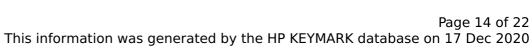
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	





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	Low temperature	Medium temperature
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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

CEN heat pump KEYMARK

Model: FUJITSU Waterstage Split Comfort Series Integrated DHW 5

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
Indoor water flow rate	0.43 m³/h	0.51 m³/h

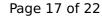
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	





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)

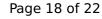
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Supplementary Heater: Type of energy input	Electicity	Electicity
Supplementary Heater: PSUP	1.00 kW	1.00 kW
Annual energy consumption Qhe	2322 kWh	3035 kWh

Domestic Hot Water (DHW)





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Efficiency ηDHW	130 %	
СОР	3.10	
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Standby power input	30.0 W	
Reference hot water temperature	54.0 °C	
Mixed water at 40°C	245 I	
Declared load profile	L	



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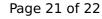
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Supplementary Heater: Type of energy input	Electicity	Electicity
Supplementary Heater: PSUP	1.00 kW	1.00 kW
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