

Summary of	Alféa Extensa +5	Reg. No.	012-007
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	SP		
Subtype title	Alféa Extensa +5		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.1 kg		



Model: Alféa Extensa +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	1.00 kW	1.79 kW
СОР	4.52	2.51
Indoor water flow rate	0.76 m³/h	0.50 m³/h

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 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	4.00 kW	4.00 kW
SCOP	4.30	2.95
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.00 kW	3.80 kW
COP Tj = -7°C	2.90	1.90
Pdh Tj = +2°C	2.40 kW	2.30 kW
COP Tj = +2°C	4.10	2.80
Pdh Tj = +7°C	2.00 kW	1.70 kW
COP Tj = +7°C	5.00	4.00
Pdh Tj = 12°C	2.30 kW	2.10 kW
COP Tj = 12°C	8.10	5.80
Pdh Tj = Tbiv	4.00 kW	3.80 kW



COP Tj = Tbiv	2.90	1.90
Pdh Tj = TOL	3.90 kW	3.20 kW
COP Tj = TOL	2.70	1.50
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	6 W	6 W
РТО	19 W	17 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.60 kW	1.10 kW
Annual energy consumption Qhe	2160 kWh	3027 kWh



Model: Alféa Extensa Duo +5

General Data	
Power supply	1x230V 50Hz

Heating

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Heat output	4.50 kW	4.50 kW
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Domestic Hot Water (DHW)



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



Model: Alféa Extensa A.I. 5

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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СОР	4.52	2.51
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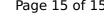
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