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#### This information was generated by the HP KEYMARK database on 18 Mar 2022

#### **Login**

Summary of	Alféa Extensa +8	Reg. No.	012-009	
Certificate Holder				
Name	Groupe Atlantic	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000	
City	La Roche Sur Yon	Country	France	
Certification Body	RISE CERT	RISE CERT		
Subtype title	Alféa Extensa +8	Alféa Extensa +8		
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A	R410A		
Mass of Refrigerant	1.4 kg			



# Model: Alféa Extensa +8

Configure model		
Model name	Alféa Extensa +8	
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	

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	5.00 kW	
El input	1.84 kW	1.94 kW	
СОР	4.08	2.58	

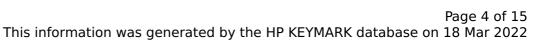
EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	



#### Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825		
Low temperature	Medium temperature	
156 %	118 %	
7.00 kW	6.00 kW	
3.97	3.02	
-7 °C	-7 °C	
-10 °C	-10 °C	
5.80 kW	5.30 kW	
2.40	1.80	
3.50 kW	3.10 kW	
3.80	2.90	
2.30 kW	2.00 kW	
5.70	4.10	
2.40 kW	2.20 kW	
8.20	5.80	
	Low temperature  156 %  7.00 kW  3.97  -7 °C  -10 °C  5.80 kW  2.40  3.50 kW  3.80  2.30 kW  5.70  2.40 kW	





Pdh Tj = Tbiv	5.80 kW	5.30 kW
COP Tj = Tbiv	2.40	1.80
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.00	1.50
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	30 W	16 W
PSB	9 W	9 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	3375 kWh	3836 kWh



# Model: Alféa Extensa Duo +8

Configure model		
Model name	Alféa Extensa Duo +8	
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	

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	5.00 kW	
El input	1.84 kW	1.94 kW	
СОР	4.08	2.58	

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	



# 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 69 dB(A) 69 dB(A)

EN 14825		
Low temperature	Medium temperature	
156 %	118 %	
7.00 kW	6.00 kW	
3.97	3.02	
-7 °C	-7 °C	
-10 °C	-10 °C	
5.80 kW	5.30 kW	
2.40	1.80	
3.50 kW	3.10 kW	
3.80	2.90	
2.30 kW	2.00 kW	
5.70	4.10	
2.40 kW	2.20 kW	
8.20	5.80	
	Low temperature  156 %  7.00 kW  3.97  -7 °C  -10 °C  5.80 kW  2.40  3.50 kW  3.80  2.30 kW  5.70  2.40 kW	





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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	3375 kWh	3836 kWh

Domestic Hot Water (DHW)

**Average Climate** 



EN 16147	
Declared load profile	L
Efficiency ηDHW	120 %
СОР	3.00
Heating up time	01:45 h:min
Mixed water at 40°C	249 I
Standby power input	32.0 W
Reference hot water temperature	54.0 °C



# Model: Alféa Extensa A.I. 8

Configure model		
Model name	Alféa Extensa A.I. 8	
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

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	5.00 kW
El input	1.84 kW	1.94 kW
СОР	4.08	2.58

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	



#### Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	156 %	118 %
Prated	7.00 kW	6.00 kW
SCOP	3.97	3.02
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.30 kW
COP Tj = $-7^{\circ}$ C	2.40	1.80
Pdh Tj = $+2$ °C	3.50 kW	3.10 kW
$COPTj = +2^{\circ}C$	3.80	2.90
Pdh Tj = $+7^{\circ}$ C	2.30 kW	2.00 kW
$COPTj = +7^{\circ}C$	5.70	4.10
Pdh Tj = 12°C	2.40 kW	2.20 kW
COP Tj = 12°C	8.20	5.80



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Poff	6 W	6 W
РТО	30 W	16 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	3375 kWh	3836 kWh



# Model: Alféa Extensa Duo A.I. 8

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Model name	Alféa Extensa Duo A.I. 8	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
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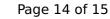
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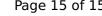




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**Average Climate** 





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