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Summary of	Alféa Extensa A.I. 8 R32	Reg. No.	012-SC0368-19
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	n/a		
Subtype title	Alféa Extensa A.I. 8 R32		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32	R32	
Mass Of Refrigerant	1.02 kg		
Certification Date	27.01.2020	27.01.2020	
Testing basis	HP Keymark Scheme Rules rev 7	HP Keymark Scheme Rules rev 7	



# Model: Alféa Extensa A.I. 8 R32

Gener	al Data
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.00 kW
El input	1.69 kW	2.63 kW
СОР	4.43	2.66
Indoor water flow rate	0.45 m³/h	0.56 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	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	177 %	128 %
Prated	7.00 kW	6.00 kW
SCOP	4.50	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.70	1.91
Cdh	1.00	1.00
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.52
Cdh	1.00	1.00





2.50 kW	2.40 kW
8.07	6.37
1.00	1.00
5.80 kW	5.50 kW
2.70	1.91
5.60 kW	5.00 kW
2.35	1.69
55 °C	55 °C
4 W	4 W
14 W	14 W
10 W	10 W
0 W	0 W
Electricity	Electricity
0.90 kW	1.20 kW
2982 kWh	3903 kWh
	8.07  1.00  5.80 kW  2.70  5.60 kW  2.35  55 °C  4 W  14 W  10 W  0 W  Electricity  0.90 kW



## Model: Alféa Extensa Duo A.I. 8 R32

General Data	
Power supply	1x230V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.00 kW
El input	1.69 kW	2.63 kW
СОР	4.43	2.66
Indoor water flow rate	0.45 m³/h	0.56 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	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	177 %	128 %
Prated	7.00 kW	6.00 kW
SCOP	4.50	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.70	1.91
Cdh	1.00	1.00
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.52
Cdh	1.00	1.00





Pdh Tj = 12°C	2.50 kW	2.40 kW
COP Tj = 12°C	8.07	6.37
Cdh	1.00	1.00
Pdh Tj = Tbiv	5.80 kW	5.50 kW
COP Tj = Tbiv	2.70	1.91
Pdh Tj = TOL	5.60 kW	5.00 kW
COP Tj = TOL	2.35	1.69
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	14 W	14 W
PSB	10 W	10 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	2982 kWh	3903 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	L
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



# Model: FUJITSU Waterstage Split Comfort Series 8

General Data	
Power supply 1x230V 50Hz	

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.00 kW
El input	1.69 kW	2.63 kW
СОР	4.43	2.66
Indoor water flow rate	0.45 m³/h	0.56 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	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	177 %	128 %
Prated	7.00 kW	6.00 kW
SCOP	4.50	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.70	1.91
Cdh	1.00	1.00
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.52
Cdh	1.00	1.00



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Pdh Tj = 12°C	2.50 kW	2.40 kW
COP Tj = 12°C	8.07	6.37
Cdh	1.00	1.00
Pdh Tj = Tbiv	5.80 kW	5.50 kW
COP Tj = Tbiv	2.70	1.91
Pdh Tj = TOL	5.60 kW	5.00 kW
COP Tj = TOL	2.35	1.69
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	14 W	14 W
PSB	10 W	10 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	2982 kWh	3903 kWh



# Model: GENERAL Waterstage Split Comfort Series 8

General Data	
Power supply 1x230V 50Hz	

### Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	7.50 kW	7.00 kW
El input	1.69 kW	2.63 kW
СОР	4.43	2.66
Indoor water flow rate	0.45 m³/h	0.56 m³/h

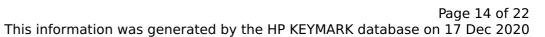
EN 14511-4	
Chutting off the heat transfer medium flour	d
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	177 %	128 %
Prated	7.00 kW	6.00 kW
SCOP	4.50	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.70	1.91
Cdh	1.00	1.00
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.52
Cdh	1.00	1.00





-	
2.50 kW	2.40 kW
8.07	6.37
1.00	1.00
5.80 kW	5.50 kW
2.70	1.91
5.60 kW	5.00 kW
2.35	1.69
55 °C	55 °C
4 W	4 W
14 W	14 W
10 W	10 W
o w	o w
Electricity	Electricity
0.90 kW	1.20 kW
2982 kWh	3903 kWh
	8.07  1.00  5.80 kW  2.70  5.60 kW  2.35  55 °C  4 W  14 W  10 W  0 W  Electricity  0.90 kW



# Model: FUJITSU Waterstage Split Comfort Series Integrated DHW 8

General Data		
Power supply	1x230V 50Hz	

### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	7.00 kW	
El input	1.69 kW	2.63 kW	
СОР	4.43	2.66	
Indoor water flow rate	0.45 m³/h	0.56 m³/h	

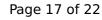
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

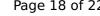
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	177 %	128 %
Prated	7.00 kW	6.00 kW
SCOP	4.50	3.28
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.70	1.91
Cdh	1.00	1.00
Pdh Tj = +2°C	3.50 kW	3.30 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	2.30 kW	2.10 kW
COP Tj = +7°C	6.32	4.52
Cdh	1.00	1.00





-	
2.50 kW	2.40 kW
8.07	6.37
1.00	1.00
5.80 kW	5.50 kW
2.70	1.91
5.60 kW	5.00 kW
2.35	1.69
55 °C	55 °C
4 W	4 W
14 W	14 W
10 W	10 W
o w	o w
Electricity	Electricity
0.90 kW	1.20 kW
2982 kWh	3903 kWh
	8.07  1.00  5.80 kW  2.70  5.60 kW  2.35  55 °C  4 W  14 W  10 W  0 W  Electricity  0.90 kW

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	L	
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	



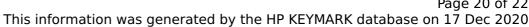
# Model: GENERAL Waterstage Split Comfort Series Integrated DHW 8

General Data		
Power supply	1x230V 50Hz	

### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	7.00 kW	
El input	1.69 kW	2.63 kW	
СОР	4.43	2.66	
Indoor water flow rate	0.45 m³/h	0.56 m³/h	

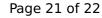
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	





EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	40 dB(A)	40 dB(A)		
Sound power level outdoor	60 dB(A)	60 dB(A)		

EN 14825				
	Low temperature	Medium temperature		
$\eta_{s}$	177 %	128 %		
Prated	7.00 kW	6.00 kW		
SCOP	4.50	3.28		
Tbiv	-7 °C	-7 °C		
TOL	-10 °C	-10 °C		
Pdh Tj = -7°C	5.80 kW	5.50 kW		
COP Tj = -7°C	2.70	1.91		
Cdh	1.00	1.00		
Pdh Tj = +2°C	3.50 kW	3.30 kW		
COP Tj = +2°C	4.35	3.18		
Cdh	1.00	1.00		
Pdh Tj = +7°C	2.30 kW	2.10 kW		
COP Tj = +7°C	6.32	4.52		
Cdh	1.00	1.00		





Pdh Tj = 12°C	2.50 kW	2.40 kW
COP Tj = 12°C	8.07	6.37
Cdh	1.00	1.00
Pdh Tj = Tbiv	5.80 kW	5.50 kW
COP Tj = Tbiv	2.70	1.91
Pdh Tj = TOL	5.60 kW	5.00 kW
COP Tj = TOL	2.35	1.69
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	14 W	14 W
PSB	10 W	10 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.90 kW	1.20 kW
Annual energy consumption Qhe	2982 kWh	3903 kWh

Domestic Hot Water (DHW)



EN 16147			
Declared load profile			
Declared load profile	L		
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		