

#### Page 1 of 8 This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	AUSTRIA EMAIL LWP 15 HP ECO	Reg. No.	012-SC0321-19
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	RISE		
Subtype title	AUSTRIA EMAIL LWP 15 HP ECO		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	3.8 kg		
Certification Date	20.08.2019		



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# **Model: AE LWP 15 HP ECO**

General Data	
Power supply	3x400V 50Hz

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	15.10 kW	13.46 kW
El input	3.48 kW	4.75 kW
СОР	4.34	2.83
Indoor water flow rate	2.65 m³/h	1.47 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

### **Average Climate**



 $$\operatorname{\textit{Page}}\xspace$  3 of 8 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	45 dB(A)	45 dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	164 %	130 %
Prated	17.00 kW	16.00 kW
SCOP	4.18	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	15.40 kW	14.20 kW
COP Tj = -7°C	2.90	2.12
Pdh Tj = +2°C	9.40 kW	8.60 kW
COP Tj = +2°C	4.19	3.30
Pdh Tj = +7°C	6.70 kW	6.40 kW
COP Tj = +7°C	5.13	4.21
Pdh Tj = 12°C	8.00 kW	7.60 kW
COP Tj = 12°C	6.83	6.02
Pdh Tj = Tbiv	15.40 kW	14.20 kW

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 $$\operatorname{\textit{Page}}$4$  of 8 This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.90	2.12
Pdh Tj = TOL	14.70 kW	13.30 kW
COP Tj = TOL	2.62	1.88
Cdh	0.93	0.97
WTOL	60 °C	60 °C
Poff	16 W	16 W
РТО	96 W	43 W
PSB	19 W	19 W
PCK	o w	o w
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	2.70 kW	2.70 kW
Annual energy consumption Qhe	8606 kWh	9915 kWh



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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**

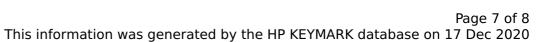


 $$\operatorname{\textit{Page}}$  6 of 8 This information was generated by the HP KEYMARK database on 17 Dec 2020

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Poff	16 W	16 W
PTO	96 W	43 W
PSB	19 W	19 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	2.70 kW	2.70 kW
Annual energy consumption Qhe	8606 kWh	9915 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK

Average Climate





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EN 16147		
Declared load profile	L	
Efficiency ηDHW	109 %	
СОР	2.56	
Heating up time	0:54 h:min	
Standby power input	48.0 W	
Reference hot water temperature	54.2 °C	
Mixed water at 40°C	250 l	