This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	AUSTRIA EMAIL LWP 17 HP ECO	Reg. No.	012-SC0322-19
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 17 HP ECO		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	3.8 kg		
Certification Date	20.08.2019		

Model: AE LWP 17 HP ECO

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	17.11 kW	15.53 kW
El input	4.08 kW	5.52 kW
COP	4.19	2.81
Indoor water flow rate	2.92 m³/h	1.70 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

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
η_s	161 %	130 %
Prated	18.00 kW	17.00 kW
SCOP	4.11	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	16.00 kW	15.00 kW
COP Tj = -7°C	2.82	2.10
Pdh Tj = +2°C	9.70 kW	9.00 kW
COP Tj = +2°C	4.13	3.32
Pdh Tj = +7°C	6.80 kW	6.30 kW
COP Tj = +7°C	5.01	4.23
Pdh Tj = 12°C	8.00 kW	7.70 kW
COP Tj = 12°C	6.64	5.95
Pdh Tj = Tbiv	16.00 kW	15.00 kW

COP Tj = Tbiv	2.82	2.10
Pdh Tj = TOL	14.80 kW	12.40 kW
COP Tj = TOL	2.61	1.76
Cdh	0.92	0.97
WTOL	60 °C	60 °C
Poff	16 W	16 W
PTO	97 W	49 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	3.10 kW	4.10 kW
Annual energy consumption Qhe	9059 kWh	10232 kWh

Model: AE LWPK 17 HP ECO

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
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Supplementary Heater: PSUP	3.10 kW	4.10 kW
Annual energy consumption Qhe	9059 kWh	10232 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	109 %
COP	2.56
Heating up time	00:54 h:min
Reference hot water temperature	54.2 °C
Mixed water at 40°C	250 l
Standby power input	48.0 W