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Summary of	AUREA 10	Reg. No.	012-SC1491-17
Certificate Holder			
Name	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000
City	La Roche Sur Yon	Country	France
Certification Body	RISE CERT		
Subtype title	AUREA 10		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.72 kg		

Model: AUREA 10

Configure model	
Model name	AUREA 10
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

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 14511-2		
	Low temperature	Medium temperature
Heat output	9.46 kW	4.77 kW
El input	2.27 kW	1.71 kW
COP	4.16	2.79

Average Climate

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	0 dB(A)	0 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	161 %	117 %
Prated	7.60 kW	6.90 kW
SCOP	4.10	3.01
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.72 kW	6.10 kW
COP Tj = -7°C	2.58	1.96
Pdh Tj = +2°C	4.09 kW	3.72 kW
COP Tj = +2°C	3.95	2.88
Pdh Tj = +7°C	2.63 kW	2.39 kW
COP Tj = +7°C	6.03	4.01
Pdh Tj = 12°C	2.91 kW	3.08 kW
COP Tj = 12°C	6.42	5.93
Pdh Tj = Tbiv	6.72 kW	6.10 kW

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COP $T_j = T_{biv}$	2.58	1.96
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	6.21 kW	5.53 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	2.36	1.64
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.87	0.90
WTOL	55 °C	55 °C
P _{off}	5 W	5 W
PTO	60 W	50 W
PSB	5 W	5 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.40 kW	1.50 kW
Annual energy consumption Q_{he}	3827 kWh	4736 kWh