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Login

Summary of	AUA + G50	Reg. No.	ICIM-PDC-000021-01
Certificate Holder			
Name	Argoclima S.p.A		
Address	Via Alfeno Varo, 35	Zip	25020
City	Alfianello (BS)	Country	Italy
Certification Body	ICIM S.p.A.		
Subtype title	AUA + G50		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.3 kg		
Certification Date	21.02.2019		

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Model: AUAH + AEI1G50EMX

Configure model			
Model name	AUAH + AEI1G50EMX		
Application	Heating + DHW + low temp		
Units	Indoor + Outdoor		
Climate Zone	n/a		
Reversibility	Yes		
Cooling mode application (optional)	n/a		

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	3.95 kW	4.10 kW	
El input	0.97 kW	1.72 kW	
СОР	4.09	2.39	

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

Average Climate

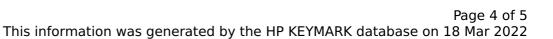


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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	151 %	111 %
Prated	2.86 kW	3.41 kW
SCOP	3.85	2.84
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	2.53 kW	3.01 kW
COP Tj = -7°C	2.26	1.75
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = $+2$ °C	1.51 kW	1.86 kW
COP Tj = +2°C	3.78	2.78
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.02 kW	1.13 kW
COP Tj = +7°C	5.30	3.74
Cdh Tj = +7 °C	0.900	0.900

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Pdh Tj = 12°C	0.93 kW	1.31 kW
COP Tj = 12°C	7.02	5.88
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	2.53 kW	3.01 kW
COP Tj = Tbiv	2.26	1.75
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	2.32 kW	2.07 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.02	1.11
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	55 °C	55 °C
Poff	5 W	5 W
PTO	8 W	8 W
PSB	5 W	5 W
PCK	35 W	35 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.53 kW	1.34 kW
Annual energy consumption Qhe	1534 kWh	2479 kWh

Domestic Hot Water (DHW)

Average Climate





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	90 %	
СОР	2.22	
Heating up time	5:36 h:min	
Standby power input	45.0 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	364 I	