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Summary of	AIM06EMX	Reg. No.	ICIM-PDC-000011	
Certificate Holder				
Name	Argoclima S.p.A	Argoclima S.p.A		
Address	Via Alfeno Varo, 35	Zip	25020	
City	Alfianello (BS)	Country	Italy	
Certification Body	ICIM S.p.A.	ICIM S.p.A.		
Name of testing laboratory	CEIS	CEIS		
Subtype title	AIM06EMX	AIM06EMX		
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water		
Refrigerant	R410a			
Mass Of Refrigerant	1.3 kg			
Certification Date	10.10.2018			



Model: AIM06EMX

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	5.80 kW	4.16 kW	
El input	1.41 kW	1.97 kW	
СОР	4.12	2.11	
Indoor water flow rate	1.00 m³/h	0.45 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

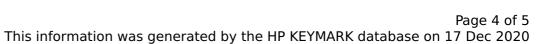


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EN 12102-1			
	Low temperature	Medium temperature	
Sound power level outdoor	65 dB(A)	65 dB(A)	

EN 14825			
	Low temp	erature Mediu	m temperature
η_{s}	153 %	111 %	
Prated	4.73 kW	3.51 kV	V
SCOP	3.89	2.85	
Tbiv	-7 °C	-7 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	4.18 kW	3.10 kV	V
COP Tj = -7°C	2.47	1.70	
Pdh Tj = +2°C	2.49 kW	1.95 kV	V
COP Tj = +2°C	3.79	2.85	
Pdh Tj = +7°C	1.66 kW	1.43 kV	V
COP Tj = +7°C	5.21	3.85	
Pdh Tj = 12°C	1.16 kW	1.29 kV	V
COP Tj = 12°C	6.39	5.24	
Pdh Tj = Tbiv	4.18 kW	3.10 kV	V
COP Tj = Tbiv	2.47	1.70	
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Pdh Tj = TOL	3.62 kW	2.19 kW
COP Tj = TOL	2.03	1.12
Cdh	0.90	0.90
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	1.11 kW	1.32 kW
Annual energy consumption Qhe	2509 kWh	2546 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK

Average Climate





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EN 16147			
Declared load profile	XL		
Heating up time	4:04 h:min		
Reference hot water temperature	46.7 °C		
Mixed water at 40°C	364 I		
Efficiency ηDHW	91 %		
СОР	2.18		
Standby power input	54.3 W		