

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

Summary of	AIM08EMX	Reg. No.	ICIM-PDC-000012
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.		
Name of testing laboratory	CEIS		
Subtype title	AIM08EMX		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.46 kg		
Certification Date	10.10.2018		

## Model: AIM08EMX

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	8.08 kW	5.87 kW
El input	1.93 kW	2.71 kW
COP	4.19	2.17
Indoor water flow rate	1.39 m <sup>3</sup> /h	0.64 m <sup>3</sup> /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	69 dB(A)	69 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	159 %	113 %
Prated	6.51 kW	5.50 kW
SCOP	4.05	2.91
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.76 kW	4.87 kW
COP Tj = -7°C	2.83	1.83
Pdh Tj = +2°C	3.54 kW	3.02 kW
COP Tj = +2°C	3.82	2.85
Pdh Tj = +7°C	2.27 kW	1.85 kW
COP Tj = +7°C	5.29	3.67
Pdh Tj = 12°C	1.52 kW	1.48 kW
COP Tj = 12°C	6.45	5.63
Pdh Tj = Tbiv	5.76 kW	4.87 kW
COP Tj = Tbiv	2.83	1.83

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Pdh Tj = TOL	5.42 kW	3.97 kW
COP Tj = TOL	2.61	1.46
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	1.09 kW	1.53 kW
Annual energy consumption Qhe	3326 kWh	3904 kWh

## Domestic Hot Water (DHW)

### Average Climate

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<b>EN 16147</b>	
Declared load profile	XL
Heating up time	3:41 h:min
Reference hot water temperature	46.7 °C
Mixed water at 40°C	364 l
Efficiency $\eta_{DHW}$	94 %
COP	2.25
Standby power input	53.2 W