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#### This information was generated by the HP KEYMARK database on 18 Mar 2022

#### Login

Summary of	AIM14	Reg. No.	ICIM-PDC-000015-01	
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.		
Subtype title	AIM14	AIM14		
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water		
Refrigerant	R410A	R410A		
Mass of Refrigerant	3.1 kg	3.1 kg		
Certification Date	10.10.2018			



## **Model: AIM14EMX3PH**

Configure model		
Model name	AIM14EMX3PH	
Application	Heating + DHW + low temp	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

## Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	13.57 kW	10.26 kW
El input	3.35 kW	4.83 kW
СОР	4.06	2.13

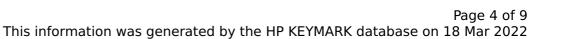
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	70 dB(A)	70 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	153 %	111 %
Prated	9.83 kW	9.52 kW
SCOP	3.91	2.84
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.70 kW	8.42 kW
COP Tj = -7°C	2.49	1.58
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.95 kW	5.09 kW
COP Tj = +2°C	3.72	2.83
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	4.17 kW	3.53 kW
COP Tj = +7°C	5.53	3.87
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.86 kW	4.57 kW

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COP Tj = 12°C	6.64	6.01
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.70 kW	8.42 kW
COP Tj = Tbiv	2.49	1.58
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.96 kW	6.81 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.24	1.19
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	55 °C	55 °C
Poff	5 W	5 W
РТО	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	1.88 kW	2.72 kW
Annual energy consumption Qhe	5194 kWh	6931 kWh

## Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Mixed water at 40°C	377 I	
Efficiency ηDHW	85 %	
СОР	2.05	
Heating up time	2:40 h:min	
Standby power input	47.0 W	
Reference hot water temperature	47.0 °C	



## **Model: AIM14EMX**

Configure model		
Model name	AIM14EMX	
Application	Heating + DHW + low temp	
Units	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	13.57 kW	10.26 kW
El input	3.35 kW	4.83 kW
СОР	4.06	2.13

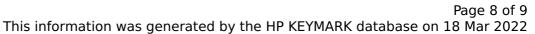
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Defrost test	passed	
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