

This information was generated by the HP KEYMARK database on 22 Jun 2022

[Login](#)

Summary of	AIM08	Reg. No.	ICIM-PDC-000012-01
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	AIM08		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.46 kg		
Certification Date	10.10.2018		

Model: AIM08EMX

Configure model

Model name	AIM08EMX
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	8.08 kW	5.87 kW
El input	1.93 kW	2.71 kW
COP	4.19	2.17

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

EN 12102-1

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825

	Low temperature	Medium temperature
η_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

This information was generated by the HP KEYMARK database on 22 Jun 2022

$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.42 kW	3.97 kW
$COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$	2.61	1.46
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	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 Q_{he}	3326 kWh	3904 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

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