

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

Summary of	AUBH + AEI1G65EMX	Reg. No.	ICIM-PDC-000022
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	AUBH + AEI1G65EMX		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.7 kg		
Certification Date	21.02.2019		

Model: AUBH + AEI1G65EMX

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	6.40 kW	5.19 kW
El input	1.54 kW	2.38 kW
COP	4.17	2.19
Indoor water flow rate	1.10 m ³ /h	0.55 m ³ /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 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	153 %	111 %
Prated	5.80 kW	4.50 kW
SCOP	3.89	2.84
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.13 kW	3.98 kW
COP Tj = -7°C	2.54	1.59
Pdh Tj = +2°C	3.01 kW	2.64 kW
COP Tj = +2°C	3.79	2.83
Pdh Tj = +7°C	1.99 kW	2.08 kW
COP Tj = +7°C	5.01	4.01
Pdh Tj = 12°C	1.70 kW	2.08 kW
COP Tj = 12°C	6.98	6.08
Pdh Tj = Tbiv	5.13 kW	3.98 kW

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COP $T_j = T_{biv}$	2.54	1.59
P _{dh} $T_j = TOL$	4.36 kW	2.74 kW
COP $T_j = TOL$	2.01	1.20
C _{dh}	0.90	0.90
WTOL	55 °C	55 °C
P _{off}	5 W	5 W
P _{TO}	8 W	8 W
P _{SB}	5 W	5 W
P _{CK}	35 W	35 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: P _{SUP}	1.44 kW	1.76 kW
Annual energy consumption Q _{he}	3083 kWh	3266 kWh

Domestic Hot Water (DHW)

Average Climate

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EN 16147	
Declared load profile	XL
Efficiency η_{DHW}	90 %
COP	2.21
Heating up time	3:55 h:min
Standby power input	47.3 W
Reference hot water temperature	47.0 °C
Mixed water at 40°C	364 l