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Login

Summary of	AUC + G110	Reg. No.	ICIM-PDC-000024-01
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	AUC + G110		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	3.38 kg		
Certification Date	21.02.2019		



Model: AUCH + AEI1G110BEMX

Configure model		
Model name	AUCH + AEI1G110BEMX	
Application	Heating + DHW + low temp	
Units	Indoor + 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	10.45 kW	9.67 kW
El input	2.58 kW	4.18 kW
СОР	4.05	2.31

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



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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	69 dB(A)	69 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	151 %	111 %
Prated	8.35 kW	7.10 kW
SCOP	3.85	2.84
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	7.39 kW	6.28 kW
COP Tj = -7 °C	2.24	1.55
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = $+2$ °C	4.53 kW	3.72 kW
COP Tj = +2°C	3.76	2.81
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = $+7^{\circ}$ C	2.81 kW	2.96 kW
$COP Tj = +7^{\circ}C$	5.34	4.05
Cdh Tj = +7 °C	0.900	0.900

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Pdh Tj = 12°C	2.58 kW	2.90 kW
COP Tj = 12°C	7.09	6.02
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.39 kW	6.28 kW
COP Tj = Tbiv	2.24	1.55
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.56 kW	3.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.02	1.08
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	1.79 kW	3.15 kW
Annual energy consumption Qhe	4476 kWh	5169 kWh

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	91 %	
СОР	2.25	
Heating up time	3:21 h:min	
Standby power input	47.0 W	
Reference hot water temperature	47.0 °C	
Mixed water at 40°C	364 I	



Model: AUCH + AEI1G110EMX3PH

Configure model		
Model name	AUCH + AEI1G110EMX3PH	
Application	Heating + DHW + low temp	
Units	Indoor + 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	10.45 kW	9.67 kW
El input	2.58 kW	4.18 kW
СОР	4.05	2.31

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

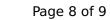


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EN 14825				
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η_{s}	151 %	111 %		
Prated	8.35 kW	7.10 kW		
SCOP	3.85	2.84		
Tbiv	-7 °C	-7 °C		
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Pdh Tj = -7°C	7.39 kW	6.28 kW		
COP Tj = -7°C	2.24	1.55		
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Pdh Tj = +2°C	4.53 kW	3.72 kW		
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7.09	6.02
0.900	0.900
7.39 kW	6.28 kW
2.24	1.55
6.56 kW	3.95 kW
2.02	1.08
0.900	0.900
55 °C	55 °C
5 W	5 W
8 W	8 W
5 W	5 W
35 W	35 W
Electricity	Electricity
1.79 kW	3.15 kW
4476 kWh	5169 kWh
	7.09 0.900 7.39 kW 2.24 6.56 kW 2.02 0.900 55 °C 5 W 8 W 5 W 35 W Electricity 1.79 kW

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