

Subtype AUB + G65

Certificate Holder	Argoclima S.p.A
Address	Via Alfeno Varo, 35
ZIP	25020
City	Alfianello (BS)
Country	IT
Certification Body	ICIM S.p.A.
Subtype title	AUB + G65
Registration number	ICIM-PDC-000022-01
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	2.7 kg
Certification Date	21.02.2019

Model AUBH + AEI1G65EMX		
Model name	AUBH + AEI1G65EMX	
Application	Heating + DHW + low temp	
Units	Indoor, Outdoor	
Climate zone (for heating)	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	1x230V 50Hz	
Off-peak product	No	
Outdoor Air/Water		
EN 16147 Average Climate		
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	
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	
EN 14511-2 Heating		
	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
EN 12102-1 Average Climate		
	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 Average Climate		
	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
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.01 kW	2.64 kW
COP Tj = +2°C	3.79	2.83
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.99 kW	2.08 kW
COP Tj = +7°C	5.01	4.01
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.70 kW	2.08 kW
COP Tj = 12°C	6.98	6.08
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.13 kW	3.98 kW
COP Tj = Tbiv	2.54	1.59
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	2.74 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.01	1.20
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
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	1.44 kW	1.76 kW
Annual energy consumption Qhe	3083 kWh	3266 kWh

Model AUBH + AEI1G65EMX3PH

Model name	AUBH + AEI1G65EMX3PH
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

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

EN 14511-4 | Heating

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

EN 14511-2 | Heating

	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

EN 12102-1 | Average Climate

	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 | Average Climate

	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
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WTOL	55 °C	55 °C
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PSB	5 W	5 W
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.44 kW	1.76 kW
Annual energy consumption Qhe	3083 kWh	3266 kWh