

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

Summary of	AURIGA 12M 16M	Reg. No.	ICIM-PDC-000070-00
Certificate Holder			
Name	BAXI S.p.A.		
Address	Via Trozzetti, 20	Zip	
City	Bassano del Grappa (VI)	Country	Italy
Certification Body	ICIM S.p.A.		
Name of testing laboratory	Not Applicable - OBL		
Subtype title	AURIGA 12M 16M		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	2.8 kg		
Certification Date	25.05.2020		
Testing basis	HP Keymark Scheme Rules rev. 7		

Model: AURIGA 12M

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-4

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

EN 14511-2

	Low temperature	Medium temperature
Heat output	12.30 kW	11.90 kW
El input	2.56 kW	4.28 kW
COP	4.81	2.78
Indoor water flow rate	2.12 m ³ /h	1.28 m ³ /h

Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	169 %	126 %

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Prated	12.00 kW	13.00 kW
SCOP	4.29	3.23
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.52 kW	11.29 kW
COP Tj = -7°C	2.88	2.05
Cdh	0.90	0.90
Pdh Tj = +2°C	6.50 kW	7.31 kW
COP Tj = +2°C	4.15	3.14
Cdh	0.90	0.90
Pdh Tj = +7°C	4.12 kW	4.96 kW
COP Tj = +7°C	5.74	4.25
Cdh	0.90	0.90
Pdh Tj = 12°C	2.23 kW	2.37 kW
COP Tj = 12°C	5.40	4.94
Cdh	0.90	0.90
Pdh Tj = Tbiv	10.52 kW	11.29 kW
COP Tj = Tbiv	2.88	2.05
Pdh Tj = TOL	12.01 kW	11.88 kW
COP Tj = TOL	2.60	1.79
Cdh	0.90	0.90

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WTOL	60 °C	60 °C
Poff	9 W	9 W
PTO	15 W	15 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0.00 kW	0.90 kW
Annual energy consumption Qhe	5726 kWh	8164 kWh

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

Model: AURIGA 16M

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-4

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

EN 14511-2

	Low temperature	Medium temperature
Heat output	16.30 kW	16.10 kW
El input	3.66 kW	5.90 kW
COP	4.45	2.73
Indoor water flow rate	2.80 m ³ /h	1.73 m ³ /h

Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	169 %	128 %

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Prated	16.00 kW	15.00 kW
SCOP	4.30	3.27
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.15 kW	12.90 kW
COP Tj = -7°C	2.72	2.04
Cdh	0.90	0.90
Pdh Tj = +2°C	8.92 kW	8.25 kW
COP Tj = +2°C	4.17	3.21
Cdh	0.90	0.90
Pdh Tj = +7°C	5.64 kW	5.45 kW
COP Tj = +7°C	5.86	4.32
Cdh	0.90	0.90
Pdh Tj = 12°C	2.47 kW	2.57 kW
COP Tj = 12°C	6.28	5.12
Cdh	0.90	0.90
Pdh Tj = Tbiv	14.15 kW	12.90 kW
COP Tj = Tbiv	2.72	2.04
Pdh Tj = TOL	12.93 kW	11.16 kW
COP Tj = TOL	2.41	1.65
Cdh	0.90	0.90

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WTOL	60 °C	60 °C
Poff	9 W	9 W
PTO	41 W	41 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	3.10 kW	3.40 kW
Annual energy consumption Qhe	7687 kWh	9216 kWh

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	71 dB(A)	71 dB(A)