

# $$\operatorname{\textit{Page}}\ 1$$ of 7 This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	AURIGA 12T 16T	Reg. No.	ICIM-PDC-000071-00	
Certificate Holder				
Name	BAXI S.p.A.			
Address	Via Trozzetti, 20	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 12T 16T			
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 12T**

General Data	
Power supply	3x400V 50Hz

## 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	2.54 kW	4.23 kW	
СОР	4.84	2.81	
Indoor water flow rate	2.12 m³/h	1.28 m³/h	

#### **Average Climate**

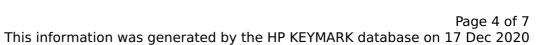
EN 14825		
	Low temperature	Medium temperature
$\eta_s$	169 %	126 %





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.29 7°C 10°C 0.52 kW	13.00 kW  3.23  -7 °C  -10 °C  11.29 kW
7 °C 10 °C 0.52 kW	-7 °C -10 °C
10 °C 0.52 kW	-10 °C
0.52 kW	
	11.29 kW
00	
.88	2.05
.90	0.90
.50 kW	7.31 kW
.15	3.14
.90	0.90
.12 kW	4.96 kW
.74	4.25
.90	0.90
.23 kW	2.37 kW
.40	4.94
.90	0.90
0.52 kW	11.29 kW
.88	2.05
2.01 kW	11.88 kW
.60	1.79
.90	0.90
	50 kW 55 60 kW 65 60 kW 64 60 60 63 kW 60 60 652 kW 68 601 kW





WTOL	60 °C	60 °C
Poff	9 W	9 W
РТО	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 16T**

General Data	
Power supply	3x400V 50Hz

## 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	3.63 kW	5.83 kW	
СОР	4.49	2.76	
Indoor water flow rate	2.80 m³/h	1.73 m³/h	

#### **Average Climate**

EN 14825		
	Low temperature	Medium temperature
$\eta_{S}$	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 = $+7^{\circ}$ C	5.64 kW	5.45 kW
$COP Tj = +7^{\circ}C$	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	o w	o 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)	