

## Subtype Auriga-P 12/16

Certificate Holder	BAXI S.p.A.
Address	Via Trozzetti, 20
ZIP	
City	Bassano del Grappa (VI)
Country	IT
Certification Body	ICIM S.p.A.
Subtype title	Auriga-P 12/16
Registration number	ICIM-PDC-000325
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.25 kg
Certification Date	04.04.2025
Testing basis	V12

## Model Auriga-P 12M

Model name	Auriga-P 12M
Application	Heating (medium temp)
Units	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	n/a

## Outdoor Air/Water

### 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	11.50 kW	11.50 kW
El input	2.37 kW	3.65 kW
COP	4.85	3.15

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	187.8 %	147.1 %
Prated	12.10 kW	12.10 kW
SCOP	4.77	3.75
Tbiv	-7.00 °C	-7.00 °C
TOL	-10.00 °C	-10.00 °C
Pdh Tj = -7°C	10.68 kW	10.88 kW
COP Tj = -7°C	2.80	2.27
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.69 kW	6.56 kW
COP Tj = +2°C	4.55	3.63
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.30 kW	4.78 kW
COP Tj = +7°C	6.98	4.99
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.34 kW	5.83 kW
COP Tj = 12°C	7.70	6.55

Cdh Tj = +12 °C	0.98	0.99
Pdh Tj = Tbiv	10.68 kW	10.88 kW
COP Tj = Tbiv	2.80	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.66 kW	10.71 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.61	2.15
WTOL	75.00 °C	75.00 °C
Poff	10.10 W	10.10 W
PTO	15.00 W	15.00 W
PSB	10.10 W	10.10 W
PCK	0.00 W	0.00 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.44 kW	1.39 kW
Annual energy consumption Qhe	5240 kWh	6662 kWh

#### EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)

## Model Auriga-P 12T

Model name	Auriga-P 12T
Application	Heating (medium temp)
Units	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 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	11.50 kW	11.50 kW
El input	2.37 kW	3.65 kW
COP	4.85	3.15

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	187.8 %	147.1 %
Prated	12.10 kW	12.10 kW
SCOP	4.77	3.75
Tbiv	-7.00 °C	-7.00 °C
TOL	-10.00 °C	-10.00 °C
Pdh Tj = -7°C	10.68 kW	10.88 kW
COP Tj = -7°C	2.80	2.27
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.69 kW	6.56 kW
COP Tj = +2°C	4.55	3.63
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.30 kW	4.78 kW
COP Tj = +7°C	6.98	4.99
Cdh Tj = +7 °C	0.99	0.99
Pdh Tj = 12°C	5.34 kW	5.83 kW
COP Tj = 12°C	7.70	6.55

Cdh Tj = +12 °C	0.98	0.99
Pdh Tj = Tbiv	10.68 kW	10.88 kW
COP Tj = Tbiv	2.80	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.66 kW	10.71 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.61	2.15
WTOL	75.00 °C	75.00 °C
Poff	10.10 W	10.10 W
PTO	15.00 W	15.00 W
PSB	10.10 W	10.10 W
PCK	0.00 W	0.00 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.44 kW	1.39 kW
Annual energy consumption Qhe	5240 kWh	6662 kWh

#### EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)