

## Subtype BAXI AURIGA HP 40

Certificate Holder	BAXI S.p.A.
Address	Via Trozzetti, 20
ZIP	
City	Bassano del Grappa (VI)
Country	IT
Certification Body	Kiwa Nederland B.V.
Subtype title	BAXI AURIGA HP 40
Registration number	007-DO0164
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	5.6 kg
Certification Date	09.04.2025
Testing basis	European KEYMARK Scheme for Heat Pumps (v14)

## Model AURIGA HP 40T

Model name	AURIGA HP 40T
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
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	40.20 kW	29.00 kW
El input	9.50 kW	9.67 kW
COP	4.30	3.00

### EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	9.75 kW	8.84 kW
Cooling capacity	30.60	37.70
EER	3.10	4.26

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	65 dB(A)	65 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	189 %	142 %
Prated	30.00 kW	23.70 kW
SCOP	4.80	3.61
Tbiv	-5 °C	-5 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	26.20 kW	20.50 kW
COP Tj = -7°C	2.75	2.15
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	16.59 kW	12.52 kW
COP Tj = +2°C	5.00	3.77
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	10.34 kW	8.39 kW
COP Tj = +7°C	6.28	4.50
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	10.40 kW	9.77 kW
COP Tj = 12°C	8.34	6.85
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	24.20 kW	18.73 kW
COP Tj = Tbiv	2.99	2.32
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	29.12 kW	22.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.46	1.83
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	60 °C	60 °C
Poff	0 W	0 W
PTO	58 W	58 W
PSB	58 W	58 W
PCK	60 W	60 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.88 kW	0.90 kW
Annual energy consumption Qhe	13545 kWh	13692 kWh

#### EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	30.60 kW	37.70 kW
SEER	5.18	6.61
Pdc Tj = 35°C	30.60 kW	37.70 kW
EER Tj = 35°C	3.10	4.26
Cdc Tj = 35 °C	1.000	1.000
Pdc Tj = 30°C	22.20 kW	27.70 kW
EER Tj = 30°C	4.37	5.51
Cdc Tj = 30 °C	1.000	1.000
Pdc Tj = 25°C	14.20 kW	16.85 kW
EER Tj = 25°C	5.85	7.17
Cdc Tj = 25 °C	1.000	1.000
Pdc Tj = 20°C	8.82 kW	9.44 kW
EER Tj = 20°C	7.43	9.67
Cdc Tj = 20 °C	0.900	0.900
Poff	0 W	0 W

PTO	58 W	58 W
PSB	58 W	58 W
PCK	60 W	60 W
Annual energy consumption Qce	18360 kWh	22620 kWh

## Model AURIGA HP/TX 40T

Model name	AURIGA HP/TX 40T
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

## General data

Power supply	n/a
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	40.20 kW	29.00 kW
El input	9.50 kW	9.67 kW
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