

## Subtype BAXI PBM3-I 26

Certificate Holder	BAXI Climatización S.L.U
Address	López de Hoyos 35
ZIP	28002
City	Madrid
Country	ES
Certification Body	Kiwa Nederland B.V.
Subtype title	BAXI PBM3-I 26
Registration number	007-DO0155
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	4.8 kg
Certification Date	27.06.2023
Testing basis	European KEYMARK Scheme for Heat Pumps (v11)

Model PBM3-i 26		
Model name	PBM3-i 26	
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	27.19 kW	18.83 kW
El input	6.32 kW	6.45 kW
COP	4.30	2.92
EN 14511-2   Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	7.74 kW	5.60 kW
Cooling capacity	24.75	26.00
EER	3.20	4.64
EN 12102-1   Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	65 dB(A)
EN 14825   Average Climate		
	Low temperature	Medium temperature
ηs	170 %	136 %
Prated	23.00 kW	17.90 kW
SCOP	4.31	3.47
Tbiv	-5 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	18.92 kW	14.77 kW

COP Tj = -7°C	2.74	2.22
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	12.96 kW	9.40 kW
COP Tj = +2°C	4.51	3.50
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	7.88 kW	6.47 kW
COP Tj = +7°C	5.40	4.35
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	7.90 kW	7.84 kW
COP Tj = 12°C	6.86	6.40
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	17.97 kW	13.89 kW
COP Tj = Tbiv	2.91	2.46
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	19.36 kW	14.01 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.70	1.67
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	58 °C	58 °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	3.64 kW	3.89 kW
Annual energy consumption Qhe	11013 kWh	10662 kWh

## EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	24.75 kW	26.00 kW
SEER	4.76	7.29
Pdc Tj = 35°C	24.75 kW	26.00 kW
EER Tj = 35°C	3.20	4.64
Cdc Tj = 35 °C	1.000	1.000
Pdc Tj = 30°C	18.10 kW	19.70 kW
EER Tj = 30°C	4.22	6.20
Cdc Tj = 30 °C	1.000	1.000
Pdc Tj = 25°C	11.83 kW	12.40 kW
EER Tj = 25°C	5.35	8.35
Cdc Tj = 25 °C	1.000	1.000
Pdc Tj = 20°C	8.26 kW	8.68 kW
EER Tj = 20°C	6.26	10.80
Cdc Tj = 20 °C	0.900	0.900
Poff	0 W	0 W
PTO	26 W	26 W

PSB	26 W	26 W
PCK	26 W	26 W
Annual energy consumption Qce	14850 kWh	15600 kWh

**Model PBM3-i 26 PS**

Model name	PBM3-i 26 PS
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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**

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**EN 14825 | Average Climate**

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