

Subtype HITECSA PBM3-I 26

Certificate Holder	HIPLUS AIRE ACONDICIONADO SL
Address	Calle Masía Torrents 2
ZIP	08800
City	Vilanova i la Geltrú (Barcelona)
Country	ES
Certification Body	Kiwa Nederland B.V.
Subtype title	HITECSA PBM3-I 26
Registration number	007-DP0193
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	4.8 kg
Certification Date	09.04.2025
Testing basis	European KEYMARK Scheme for Heat Pumps (v14)

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	6.33 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
η_s	170 %	136 %
Prated	23.00 kW	17.90 kW
SCOP	4.35	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	9.11 kW	7.84 kW
COP Tj = 12°C	7.78	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

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