

This information was generated by the HP KEYMARK database on 15 Nov 2022

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Summary of	Platinum BC V200 4-6 iR32	Reg. No.	22HK0036/00
Certificate Holder			
Name	BAXI Climatización S.L.U		
Address	López de Hoyos 35	Zip	28002
City	Madrid	Country	Spain
Certification Body	Kiwa Nederland B.V.		
Subtype title	Platinum BC V200 4-6 iR32		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.5 kg		
Certification Date	11.11.2022		
Testing basis	European KEYMARK Scheme for Heat Pumps (v10)		

Model: Platinum BC V200 4 iR32

Configure model

Model name	Platinum BC V200 4 iR32
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

Heat output	4.25 kW
El input	0.82 kW
COP	5.20

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Cooling

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EN 14511-2

El input	4.76 kW	4.64 kW
Cooling capacity	1.32	0.84
EER	3.60	5.50

EN 14825

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P _{designc}	4.76 kW	4.64 kW
SEER	4.44	8.25
P _{dc} T _j = 35°C	4.76 kW	4.64 kW
EER T _j = 35°C	3.60	5.50
C _{dc} T _j = 35 °C	0.900	0.900
P _{dc} T _j = 30°C	3.44 kW	3.38 kW
EER T _j = 30°C	4.55	7.30
C _{dc} T _j = 30 °C	0.900	0.900
P _{dc} T _j = 25°C	2.19 kW	2.09 kW
EER T _j = 25°C	5.12	8.95
C _{dc} T _j = 25 °C	0.900	0.900
P _{dc} T _j = 20°C	0.95 kW	1.16 kW
EER T _j = 20°C	4.29	13.20
C _{dc} T _j = 20 °C	0.900	0.900
P _{off}	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q _{ce}	643 kWh	337 kWh

Average Climate

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EN 12102-1

Sound power level indoor	33 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825

η_s	193 %
Prated	5.52 kW
SCOP	4.90
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	4.88 kW
COP Tj = -7°C	3.19
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	3.06 kW
COP Tj = +2°C	4.78
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	1.94 kW
COP Tj = +7°C	6.40
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	1.48 kW

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COP Tj = 12°C	8.05
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	4.88 kW
COP Tj = Tbiv	3.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.42 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	65 °C
Poff	14 W
PTO	24 W
PSB	14 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.11 kW
Annual energy consumption Qhe	2326 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	131 %
COP	3.14
Heating up time	1:35 h:min
Standby power input	28.5 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	240 l

Model: Platinum BC V200 6 iR32

Configure model	
Model name	Platinum BC V200 6 iR32
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C and +18°C/+23°C

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2	
Heat output	6.20 kW
El input	1.24 kW
COP	5.00

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Cooling

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EN 14511-2

El input	7.18 kW	6.70 kW
Cooling capacity	2.39	1.35
EER	3.01	4.95

EN 14825

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P _{designc}	7.18 kW	6.70 kW
SEER	4.75	8.44
P _{dc} T _j = 35°C	7.18 kW	6.70 kW
EER T _j = 35°C	3.01	4.95
C _{dc} T _j = 35 °C	0.900	0.900
P _{dc} T _j = 30°C	5.21 kW	4.93 kW
EER T _j = 30°C	4.47	7.22
C _{dc} T _j = 30 °C	0.900	0.900
P _{dc} T _j = 25°C	3.42 kW	3.51 kW
EER T _j = 25°C	5.21	9.45
C _{dc} T _j = 25 °C	0.900	0.900
P _{dc} T _j = 20°C	1.51 kW	1.43 kW
EER T _j = 20°C	5.68	12.89
C _{dc} T _j = 20 °C	0.900	0.900
P _{off}	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q _{ce}	907 kWh	477 kWh

Average Climate

This information was generated by the HP KEYMARK database on 15 Nov 2022

EN 12102-1

Sound power level indoor	33 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825

η_s	195 %
Prated	6.82 kW
SCOP	4.95
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	6.03 kW
COP Tj = -7°C	3.09
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	3.88 kW
COP Tj = +2°C	4.85
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	2.40 kW
COP Tj = +7°C	6.63
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	1.39 kW

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COP Tj = 12°C	7.83
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	6.03 kW
COP Tj = Tbiv	3.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.36 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	65 °C
Poff	14 W
PTO	24 W
PSB	14 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.45 kW
Annual energy consumption Qhe	2846 kWh

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 15 Nov 2022

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	131 %
COP	3.14
Heating up time	1:35 h:min
Standby power input	28.5 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	240 l