

Page 1 of 25

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Summary of	Platinum BC V200 12-16 iR32	Reg. No.	22HK0038/00
Certificate Holder	Certificate Holder		
Name	BAXI Climatización S.L.U	BAXI Climatización S.L.U	
Address	López de Hoyos 35	Zip	28002
City	Madrid	Country	Spain
Certification Body	Kiwa Nederland B.V.	Kiwa Nederland B.V.	
Subtype title	Platinum BC V200 12-16 iR32	Platinum BC V200 12-16 iR32	
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water	
Refrigerant	R32	R32	
Mass of Refrigerant	1.84 kg	1.84 kg	
Certification Date	11.11.2022	11.11.2022	
Testing basis	European KEYMARK Scheme for Heat Pumps (v10)		



Model: Platinum BC V200 12EM iR32

Configure model		
Model name Platinum BC V200 12EM 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	12.10 kW
El input	2.44 kW
СОР	4.95

EN 14511-4	1
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Cooling





EN 14511-2		
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

EN 14825





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Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
РСК	o w	o w
Annual energy consumption Qce	1548 kWh	971 kWh



EN 12102-1	
Sound power level indoor	39 dB(A)
Sound power level outdoor	56 dB(A)

EN 14825	
η_{s}	178 %
Prated	12.00 kW
SCOP	4.52
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	10.61 kW
COP Tj = -7°C	2.88
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	6.48 kW
COP Tj = +2°C	4.30
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	4.44 kW
COP Tj = +7°C	6.00
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	3.74 kW

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COP Tj = 12°C	8.47
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	10.61 kW
COP Tj = Tbiv	2.88
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	65 °C
Poff	14 W
РТО	24 W
PSB	14 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.26 kW
Annual energy consumption Qhe	5482 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	108 %	
СОР	2.60	
Heating up time	0:57 h:min	
Standby power input	32.4 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	



Model: Platinum BC V200 16EM iR32

Configure model		
Model name Platinum BC V200 16EM 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	16.00 kW	
El input	3.56 kW	
СОР	4.50	

EN 14511-4	1
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

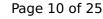
Cooling





EN 14511-2		
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

EN 14825





Pdesignc	12.36 kW	11.63 kW
SEER	4.20	6.19
Pdc Tj = 35°C	12.36 kW	11.63 kW
EER Tj = 35°C	2.27	3.61
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	9.40 kW	8.67 kW
EER Tj = 30°C	3.41	5.22
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.89 kW	5.39 kW
EER Tj = 25°C	4.80	7.78
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.81 kW	2.48 kW
EER Tj = 20°C	5.80	6.89
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
РТО	10 W	10 W
PSB	14 W	14 W
PCK	o w	o w
Annual energy consumption Qce	1766 kWh	1128 kWh



EN 12102-1	1
Sound power level indoor	39 dB(A)
Sound power level outdoor	56 dB(A)

EN 14825	
η_{s}	177 %
Prated	15.21 kW
SCOP	4.50
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	13.45 kW
COP Tj = -7°C	2.72
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	8.20 kW
COP Tj = +2°C	4.30
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	5.70 kW
COP Tj = +7°C	6.20
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	3.78 kW





COP Tj = 12°C	8.51
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	13.45 kW
COP Tj = Tbiv	2.72
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.52 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	65 °C
Poff	14 W
РТО	24 W
PSB	14 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	2.68 kW
Annual energy consumption Qhe	6979 kWh

Domestic Hot Water (DHW)



$$\operatorname{\textit{Page}}\ 13$$ of 25 This information was generated by the HP KEYMARK database on 15 Nov 2022

EN 16147		
Declared load profile	L	
Efficiency ηDHW	108 %	
СОР	2.60	
Heating up time	0:57 h:min	
Standby power input	32.4 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239	



Model: Platinum BC V200 12ET iR32

Configure model			
Model name	Platinum BC V200 12ET 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		

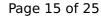
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
Heat output	12.10 kW	
El input	2.44 kW	
СОР	4.95	

EN 14511-4	1
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

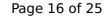
Cooling





EN 14511-2		
El input	10.55 kW	10.77 kW
Cooling capacity	4.19	2.92
EER	2.52	3.69

EN 14825





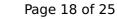
Pdesignc	10.55 kW	10.77 kW
SEER	4.09	6.66
Pdc Tj = 35°C	10.55 kW	10.77 kW
EER Tj = 35°C	2.52	3.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.78 kW	7.88 kW
EER Tj = 30°C	3.58	5.39
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	5.17 kW	5.20 kW
EER Tj = 25°C	4.57	7.93
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	2.24 kW	3.03 kW
EER Tj = 20°C	5.05	9.28
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Poff	20 W	20 W
РТО	10 W	10 W
PSB	20 W	20 W
PCK	o w	o w
Annual energy consumption Qce	1548 kWh	971 kWh
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EN 12102-1	
Sound power level indoor	39 dB(A)
Sound power level outdoor	56 dB(A)

EN 14825		
η_{s}	178 %	
Prated	12.00 kW	
SCOP	4.52	
Tbiv	-7 °C	
TOL	-10 °C	
Pdh Tj = -7°C	10.61 kW	
COP Tj = -7°C	2.88	
Cdh Tj = -7 °C	0.900	
Pdh Tj = +2°C	6.48 kW	
$COP Tj = +2^{\circ}C$	4.30	
Cdh Tj = +2 °C	0.900	
Pdh Tj = +7°C	4.44 kW	
$COPTj = +7^{\circ}C$	6.00	
Cdh Tj = +7 °C	0.900	
Pdh Tj = 12°C	3.74 kW	

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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.75 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	65 °C
Poff	20 W
РТО	30 W
PSB	20 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.26 kW
Annual energy consumption Qhe	5482 kWh

Domestic Hot Water (DHW)



$$\operatorname{\textit{Page}}\ 19$$ of 25 This information was generated by the HP KEYMARK database on 15 Nov 2022

EN 16147		
Declared load profile	L	
Efficiency ηDHW	108 %	
СОР	2.60	
Heating up time	0:57 h:min	
Standby power input	32.4 W	
Reference hot water temperature	53.0 °C	
Mixed water at 40°C	239 I	



Model: Platinum BC V200 16ET iR32

Configure model			
Model name	Platinum BC V200 16ET 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		

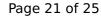
General Data		
Power supply	3x400V 50Hz	

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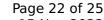
Cooling





EN 14511-2		
El input	12.36 kW	11.63 kW
Cooling capacity	5.44	3.22
EER	2.27	3.61

EN 14825



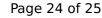


]	
12.36 kW	11.63 kW
4.20	6.19
12.36 kW	11.63 kW
2.27	3.61
0.900	0.900
9.40 kW	8.67 kW
3.41	5.22
0.900	0.900
5.89 kW	5.39 kW
4.80	7.78
0.900	0.900
2.81 kW	2.48 kW
5.80	6.89
0.900	0.900
20 W	20 W
10 W	10 W
20 W	20 W
o w	o w
1766 kWh	1128 kWh
	4.20 12.36 kW 2.27 0.900 9.40 kW 3.41 0.900 5.89 kW 4.80 0.900 2.81 kW 5.80 0.900 20 W 10 W 20 W



EN 12102-1		
Sound power level indoor	39 dB(A)	
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EN	14825
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Prated	15.21 kW
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Pdh Tj = -7°C	13.45 kW
COP Tj = -7°C	2.72
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	8.20 kW
COP Tj = +2°C	4.30
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	5.70 kW
$COPTj = +7^{\circ}C$	6.20
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	3.78 kW





COP Tj = 12°C 8.51 Cdh Tj = +12 °C 0.900 Pdh Tj = Tbiv 13.45 kW COP Tj = Tbiv 2.72 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 12.52 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 0.900 WTOL 65 °C Poff 20 W PTO 30 W PSB 20 W PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW Annual energy consumption Qhe 6979 kWh		
Pdh Tj = Tbiv COP Tj = Tbiv 2.72 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 12.52 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.48 Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 0.900 WTOL 65 °C Poff 20 W PTO PSB 20 W PCK Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	COP Tj = 12°C	8.51
COP Tj = Tbiv 2.72 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 12.52 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.48 Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 0.900 WTOL 65 °C Poff 20 W PTO 30 W PSB 20 W PCK Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP	Cdh Tj = +12 °C	0.900
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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.48 Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 0.900 WTOL 65 °C Poff 20 W PTO 30 W PSB 20 W PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	COP Tj = Tbiv	2.72
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WTOL 65 °C Poff 20 W PTO 30 W PSB 20 W PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48
Poff 20 W PTO 30 W PSB 20 W PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
PTO 30 W PSB 20 W PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	WTOL	65 °C
PSB 20 W PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	Poff	20 W
PCK 0 W Supplementary Heater: Type of energy input Electricity Supplementary Heater: PSUP 2.68 kW	РТО	30 W
Supplementary Heater: Type of energy input Supplementary Heater: PSUP 2.68 kW	PSB	20 W
Supplementary Heater: PSUP 2.68 kW	PCK	o w
	Supplementary Heater: Type of energy input	Electricity
Annual energy consumption Qhe 6979 kWh	Supplementary Heater: PSUP	2.68 kW
	Annual energy consumption Qhe	6979 kWh

Domestic Hot Water (DHW)



$$\operatorname{\textit{Page}}\xspace$ 25 of 25 This information was generated by the HP KEYMARK database on 15 Nov 2022

EN 16147		
Declared load profile	L	
Efficiency ηDHW	108 %	
СОР	2.60	
Heating up time	0:57 h:min	
Standby power input	32.4 W	
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