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Summary of	Platinum BC V200 8-10 iR32	Reg. No.	22HK0037/00
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 8-10 iR32		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.65 kg		
Certification Date	11.11.2022		
Testing basis	European KEYMARK Scheme for Heat Pumps (v10)		

# Model: Platinum BC V200 8 iR32

Configure model	
Model name	Platinum BC V200 8 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		
	Low temperature	Medium temperature
Heat output	8.30 kW	7.50 kW
El input	1.60 kW	2.36 kW
COP	5.20	3.18

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

### EN 14511-2

	+7°C/+12°C	+18°C/+23°C
El input	7.33 kW	8.47 kW
Cooling capacity	2.17	1.66
EER	3.38	5.11

### EN 14825

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	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	7.33 kW	8.47 kW
SEER	4.85	8.07
P <sub>dc</sub> T <sub>j</sub> = 35°C	7.33 kW	8.47 kW
EER T <sub>j</sub> = 35°C	3.38	5.11
C <sub>dc</sub> T <sub>j</sub> = 35 °C	0.900	0.900
P <sub>dc</sub> T <sub>j</sub> = 30°C	5.56 kW	6.68 kW
EER T <sub>j</sub> = 30°C	4.53	7.14
C <sub>dc</sub> T <sub>j</sub> = 30 °C	0.900	0.900
P <sub>dc</sub> T <sub>j</sub> = 25°C	3.63 kW	4.21 kW
EER T <sub>j</sub> = 25°C	5.37	8.53
C <sub>dc</sub> T <sub>j</sub> = 25 °C	0.900	0.900
P <sub>dc</sub> T <sub>j</sub> = 20°C	1.56 kW	1.70 kW
EER T <sub>j</sub> = 20°C	5.56	11.68
C <sub>dc</sub> T <sub>j</sub> = 20 °C	0.900	0.900
P <sub>off</sub>	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	906 kWh	630 kWh

## Average Climate

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### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	37 dB(A)	37 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	205 %	132 %
Prated	8.12 kW	6.60 kW
SCOP	5.21	3.36
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.19 kW	5.84 kW
COP Tj = -7°C	3.35	2.16
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.65 kW	3.76 kW
COP Tj = +2°C	5.09	3.30
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.90 kW	2.43 kW
COP Tj = +7°C	6.82	4.34
Cdh Tj = +7 °C	0.900	0.900

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Pdh Tj = 12°C	1.63 kW	1.40 kW
COP Tj = 12°C	8.35	5.33
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.19 kW	5.84 kW
COP Tj = Tbiv	3.35	2.16
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.45 kW	4.91 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.04	1.84
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.68 kW	1.69 kW
Annual energy consumption Qhe	3219 kWh	4053 kWh

## Domestic Hot Water (DHW)

### Average Climate

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	128 %
COP	3.08
Heating up time	1:21 h:min
Standby power input	27.6 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	239 l

## Model: Platinum BC V200 10 iR32

Configure model	
Model name	Platinum BC V200 10 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		
	Low temperature	Medium temperature
Heat output	10.00 kW	9.50 kW
El input	2.00 kW	3.06 kW
COP	5.00	3.10

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



### EN 14511-2

	+7°C/+12°C	+18°C/+23°C
El input	8.70 kW	10.24 kW
Cooling capacity	2.69	2.17
EER	3.23	4.71

### EN 14825

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	<b>+7°C/+12°C</b>	<b>+18°C/+23°C</b>
P <sub>designc</sub>	8.70 kW	10.24 kW
SEER	4.94	7.78
P <sub>dc</sub> T <sub>j</sub> = 35°C	8.70 kW	10.24 kW
EER T <sub>j</sub> = 35°C	3.23	4.71
C <sub>dc</sub> T <sub>j</sub> = 35 °C	0.900	0.900
P <sub>dc</sub> T <sub>j</sub> = 30°C	6.46 kW	7.98 kW
EER T <sub>j</sub> = 30°C	4.38	6.58
C <sub>dc</sub> T <sub>j</sub> = 30 °C	0.900	0.900
P <sub>dc</sub> T <sub>j</sub> = 25°C	3.90 kW	4.54 kW
EER T <sub>j</sub> = 25°C	5.51	8.27
C <sub>dc</sub> T <sub>j</sub> = 25 °C	0.900	0.900
P <sub>dc</sub> T <sub>j</sub> = 20°C	1.90 kW	2.13 kW
EER T <sub>j</sub> = 20°C	5.96	11.65
C <sub>dc</sub> T <sub>j</sub> = 20 °C	0.900	0.900
P <sub>off</sub>	14 W	14 W
P <sub>TO</sub>	10 W	10 W
P <sub>SB</sub>	14 W	14 W
P <sub>CK</sub>	0 W	0 W
Annual energy consumption Q <sub>ce</sub>	1058 kWh	790 kWh

## Average Climate

This information was generated by the HP KEYMARK database on 11 Nov 2022

### EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	205 %	137 %
Prated	9.17 kW	7.67 kW
SCOP	5.20	3.49
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.11 kW	6.78 kW
COP Tj = -7°C	3.23	2.24
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.95 kW	4.29 kW
COP Tj = +2°C	5.01	3.42
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.32 kW	2.77 kW
COP Tj = +7°C	7.08	4.52
Cdh Tj = +7 °C	0.900	0.900

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Pdh Tj = 12°C	1.65 kW	1.58 kW
COP Tj = 12°C	8.58	5.68
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.11 kW	6.78 kW
COP Tj = Tbiv	3.23	2.24
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.40 kW	5.39 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.96	1.83
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.76 kW	2.28 kW
Annual energy consumption Qhe	3646 kWh	4538 kWh

## Domestic Hot Water (DHW)

### Average Climate

This information was generated by the HP KEYMARK database on 11 Nov 2022

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	128 %
COP	3.08
Heating up time	1:21 h:min
Standby power input	27.6 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	239 l