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Login

Summary of	Platinum BC Plus Monobloc 5 7 9	Reg. No.	ICIM-PDC-000066-00	
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	ICIM S.p.A.			
Subtype title	Platinum BC Plus Monobloc 5 7 9			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	2 kg			
Certification Date	04.05.2020			

Model: Platinum BC Plus Monobloc 5

Configure model		
Model name Platinum BC Plus Monobloc 5		
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

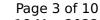
Heating

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

EN 14511-2		
Low temperature Medium temperature		
Heat output	4.65 kW	4.65 kW
El input	0.93 kW	1.77 kW
СОР	5.00	2.63

Average Climate

EN 14825





	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.24
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.88 kW	5.83 kW
COP Tj = -7°C	2.91	1.97
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	3.64 kW	3.68 kW
COP Tj = +2°C	4.38	3.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = $+7^{\circ}$ C	2.42 kW	2.47 kW
$COPTj = +7^{\circ}C$	5.89	4.21
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.03 kW	1.26 kW
COP Tj = 12°C	5.89	4.91
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.88 kW	5.83 kW
COP Tj = Tbiv	2.91	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.62 kW	5.86 kW

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Sound power level outdoor

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.63	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	9 W	9 W
РТО	9 W	9 W
PSB	9 W	9 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	3071 kWh	4203 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)

61 dB(A)

61 dB(A)

Model: Platinum BC Plus Monobloc 7

Configure model		
Model name	Platinum BC Plus Monobloc 7	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

Heating

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

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.65 kW	6.80 kW
El input	1.35 kW	2.42 kW
СОР	4.94	2.81

Average Climate

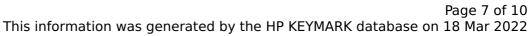
EN 14825





	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.24
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.88 kW	5.83 kW
COP Tj = -7°C	2.91	1.97
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	3.64 kW	3.68 kW
COP Tj = +2°C	4.38	3.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	2.42 kW	2.47 kW
$COPTj = +7^{\circ}C$	5.89	4.21
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.03 kW	1.26 kW
COP Tj = 12°C	5.89	4.91
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.88 kW	5.83 kW
COP Tj = Tbiv	2.91	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.62 kW	5.86 kW

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.63	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	9 W	9 W
PTO	6 W	6 W
PSB	9 W	9 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	3701 kWh	4203 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

Model: Platinum BC Plus Monobloc 9

Configure model		
Model name	Platinum BC Plus Monobloc 9	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

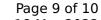
Heating

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

EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.60 kW	8.60 kW
El input	1.87 kW	3.12 kW
СОР	4.60	2.75

Average Climate

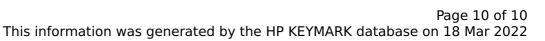
EN 14825





	Low temperature	Medium temperature
η_{S}	177 %	126 %
Prated	8.00 kW	7.00 kW
SCOP	4.51	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.42 kW	6.58 kW
COP Tj = -7°C	2.80	1.87
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = $+2^{\circ}$ C	4.83 kW	4.25 kW
COP Tj = +2°C	4.33	3.19
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	3.20 kW	2.80 kW
$COPTj = +7^{\circ}C$	6.20	4.38
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.55 kW	1.27 kW
COP Tj = 12°C	7.61	5.04
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	7.42 kW	6.58 kW
COP Tj = Tbiv	2.80	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.64 kW	5.53 kW

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh WTOL 60 °C 60 °C Poff 9 W 9 W PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 5upplementary Heater: Type of energy input Electricity Electricity Electricity Supplementary Heater: PSUP Annual energy consumption Qhe 1.51			
WTOL 60 °C 60 °C Poff 9 W 9 W PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.51
Poff 9 W 9 W PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	WTOL	60 °C	60 °C
PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	Poff	9 W	9 W
PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	РТО	10 W	10 W
Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	PSB	9 W	9 W
Supplementary Heater: PSUP 1.80 kW 1.80 kW	PCK	0 W	0 W
	Supplementary Heater: Type of energy input	Electricity	Electricity
Annual energy consumption Qhe 3844 kWh 4770 kWh	Supplementary Heater: PSUP	1.80 kW	1.80 kW
	Annual energy consumption Qhe	3844 kWh	4770 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)