

Subtype Platinum BC Mural iR32 8-10 & Platinum BC Integra iR32 8-10

Certificate Holder	BAXI Climatización S.L.U
Address	López de Hoyos 35
ZIP	28002
City	Madrid
Country	ES
Certification Body	Kiwa Nederland B.V.
Subtype title	Platinum BC Mural iR32 8-10 & Platinum BC Integra iR32 8-10
Registration number	007-DN0145
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 Integra 10 iR32

Model name	Platinum BC Integra 10 iR32
Application	Heating + DHW + low temp
Units	Indoor, 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	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency η_{DHW}	130 %
COP	3.13
Heating up time	1:21 h:min
Standby power input	30.2 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	249 l

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	10.00 kW	9.50 kW
El input	2.00 kW	3.06 kW
COP	5.00	3.10

EN 14511-2 | Cooling

	+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 12102-1 | Average Climate

	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 Average Climate		
	Low temperature	Medium temperature
η_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
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
EN 14825 Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	8.70 kW	10.24 kW
SEER	4.94	7.78
Pdc Tj = 35°C	8.70 kW	10.24 kW
EER Tj = 35°C	3.23	4.71
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	6.46 kW	7.98 kW

EER Tj = 30°C	4.38	6.58
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	3.90 kW	4.54 kW
EER Tj = 25°C	5.51	8.27
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	1.90 kW	2.13 kW
EER Tj = 20°C	5.96	11.65
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Qce	1058 kWh	790 kWh

Model Platinum BC Integra 8 iR32

Model name	Platinum BC Integra 8 iR32
Application	Heating + DHW + low temp
Units	Indoor, 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	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water**EN 16147 | Average Climate**

Declared load profile	L
Efficiency η_{DHW}	130 %
COP	3.13
Heating up time	1:21 h:min
Standby power input	30.2 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	249 l

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	8.30 kW	7.50 kW
El input	1.60 kW	2.36 kW
COP	5.20	3.18

EN 14511-2 | Cooling

	+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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)

Sound power level outdoor	54 dB(A)	54 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
η_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
Pdh Tj = 12°C	1.72 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	3221 kWh	4053 kWh
EN 14825 Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	7.33 kW	8.47 kW
SEER	4.85	8.07
Pdc Tj = 35°C	7.33 kW	8.47 kW
EER Tj = 35°C	3.38	5.11
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	5.56 kW	6.68 kW

EER Tj = 30°C	4.53	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	3.63 kW	4.21 kW
EER Tj = 25°C	5.37	8.53
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	1.56 kW	1.70 kW
EER Tj = 20°C	5.56	11.68
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W
PTO	10 W	10 W
PSB	14 W	14 W
PCK	0 W	0 W
Annual energy consumption Qce	906 kWh	630 kWh

Model Platinum BC Mural 8 iR32

Model name	Platinum BC Mural 8 iR32
Application	Heating (medium temp)
Units	Indoor, 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	1x230V 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
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EN 14511-2 | Heating

	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 14511-2 | Cooling

	+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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_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
Pdh Tj = 12°C	1.72 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	3221 kWh	4053 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	7.33 kW	8.47 kW
SEER	4.85	8.07
Pdc Tj = 35°C	7.33 kW	8.47 kW
EER Tj = 35°C	3.38	5.11
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	5.56 kW	6.68 kW
EER Tj = 30°C	4.53	7.14
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	3.63 kW	4.21 kW
EER Tj = 25°C	5.37	8.53
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	1.56 kW	1.70 kW
EER Tj = 20°C	5.56	11.68
Cdc Tj = 20 °C	0.900	0.900
Poff	14 W	14 W

PTO	10 W	10 W
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Annual energy consumption Qce	906 kWh	630 kWh

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EN 14511-2 | Heating

	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 14511-2 | Cooling

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EER	3.23	4.71

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Pdh Tj = 12°C	1.65 kW	1.58 kW
COP Tj = 12°C	8.58	5.68
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Pdh Tj = Tbiv	8.11 kW	6.78 kW
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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

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Pdc Tj = 30°C	6.46 kW	7.98 kW
EER Tj = 30°C	4.38	6.58
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	3.90 kW	4.54 kW
EER Tj = 25°C	5.51	8.27
Cdc Tj = 25 °C	0.900	0.900
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Cdc Tj = 20 °C	0.900	0.900
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Annual energy consumption Qce	1058 kWh	790 kWh