

Subtype Platinum BC V200 12-16 iR32

| | |
|---------------------|--|
| 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 V200 12-16 iR32 |
| Registration number | 007-DN0137 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 1.84 kg |
| Certification Date | 11.11.2022 |
| Testing basis | European KEYMARK Scheme for Heat Pumps (v10) |

Model Platinum BC V200 12EM iR32

| | |
|-------------------------------------|----------------------------|
| Model name | Platinum BC V200 12EM 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} | 108 % |
| COP | 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 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 | 12.10 kW | 12.00 kW |
| El input | 2.44 kW | 3.87 kW |
| COP | 4.95 | 3.10 |

EN 14511-2 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input | 10.55 kW | 10.77 kW |
| Cooling capacity | 4.19 | 2.92 |
| EER | 2.52 | 3.69 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |

| | | |
|---|-----------------|--------------------|
| Sound power level outdoor | 56 dB(A) | 56 dB(A) |
| EN 14825 Average Climate | | |
| | Low temperature | Medium temperature |
| η_s | 178 % | 135 % |
| Prated | 12.00 kW | 11.58 kW |
| SCOP | 4.52 | 3.46 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.61 kW | 10.25 kW |
| COP Tj = -7°C | 2.88 | 2.01 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 6.48 kW | 6.52 kW |
| COP Tj = +2°C | 4.30 | 3.44 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 4.44 kW | 4.36 kW |
| COP Tj = +7°C | 6.00 | 4.59 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.74 kW | 3.30 kW |
| COP Tj = 12°C | 8.47 | 6.05 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 10.61 kW | 10.25 kW |
| COP Tj = Tbiv | 2.88 | 2.01 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.75 kW | 9.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.77 | 1.79 |
| 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 | 1.26 kW | 2.50 kW |
| Annual energy consumption Qhe | 5482 kWh | 6919 kWh |

| | | |
|--------------------|------------|-------------|
| EN 14825 Cooling | | |
| | +7°C/+12°C | +18°C/+23°C |
| 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 |
| PTO | 10 W | 10 W |
| PSB | 14 W | 14 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 1548 kWh | 971 kWh |

Model Platinum BC V200 16EM iR32

| | |
|-------------------------------------|----------------------------|
| Model name | Platinum BC V200 16EM 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} | 108 % |
| COP | 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 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 | 16.00 kW | 16.00 kW |
| El input | 3.56 kW | 5.52 kW |
| COP | 4.50 | 2.90 |

EN 14511-2 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input | 12.36 kW | 11.63 kW |
| Cooling capacity | 5.44 | 3.22 |
| EER | 2.27 | 3.61 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |

Sound power level outdoor 56 dB(A) 56 dB(A)

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| η_s | 177 % | 133 % |
| Prated | 15.21 kW | 13.02 kW |
| SCOP | 4.50 | 3.40 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 13.45 kW | 11.52 kW |
| COP Tj = -7°C | 2.72 | 1.99 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 8.20 kW | 7.18 kW |
| COP Tj = +2°C | 4.30 | 3.34 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 5.70 kW | 4.56 kW |
| COP Tj = +7°C | 6.20 | 4.61 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.78 kW | 3.32 kW |
| COP Tj = 12°C | 8.51 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 13.45 kW | 11.52 kW |
| COP Tj = Tbiv | 2.72 | 1.99 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.52 kW | 10.33 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.48 | 1.80 |
| 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 | 2.68 kW | 2.67 kW |
| Annual energy consumption Qhe | 6979 kWh | 7914 kWh |

EN 14825 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| 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 |
| PTO | 10 W | 10 W |
| PSB | 14 W | 14 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 1766 kWh | 1128 kWh |

Model Platinum BC V200 12ET iR32

| | |
|-------------------------------------|----------------------------|
| Model name | Platinum BC V200 12ET 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 | 3x400V 50Hz |
| Off-peak product | n/a |

Outdoor Air/Water

EN 16147 | Average Climate

| | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 108 % |
| COP | 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 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 | 12.10 kW | 12.00 kW |
| El input | 2.44 kW | 3.87 kW |
| COP | 4.95 | 3.10 |

EN 14511-2 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input | 10.55 kW | 10.77 kW |
| Cooling capacity | 4.19 | 2.92 |
| EER | 2.52 | 3.69 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |

Sound power level outdoor 56 dB(A) 56 dB(A)

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| η_s | 178 % | 135 % |
| Prated | 12.00 kW | 11.58 kW |
| SCOP | 4.52 | 3.46 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.61 kW | 10.25 kW |
| COP Tj = -7°C | 2.88 | 2.01 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 6.48 kW | 6.52 kW |
| COP Tj = +2°C | 4.30 | 3.44 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 4.44 kW | 4.36 kW |
| COP Tj = +7°C | 6.00 | 4.59 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.74 kW | 3.30 kW |
| COP Tj = 12°C | 8.47 | 6.05 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 10.61 kW | 10.25 kW |
| COP Tj = Tbiv | 2.88 | 2.01 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.75 kW | 9.10 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.77 | 1.79 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 65 °C | 65 °C |
| Poff | 20 W | 20 W |
| PTO | 30 W | 30 W |
| PSB | 20 W | 20 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.26 kW | 2.50 kW |
| Annual energy consumption Qhe | 5482 kWh | 6919 kWh |

EN 14825 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| 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 | 20 W | 20 W |
| PTO | 10 W | 10 W |
| PSB | 20 W | 20 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 1548 kWh | 971 kWh |

Model Platinum BC V200 16ET iR32

| | |
|-------------------------------------|----------------------------|
| Model name | Platinum BC V200 16ET 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 | 3x400V 50Hz |
| Off-peak product | n/a |

Outdoor Air/Water

EN 16147 | Average Climate

| | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 108 % |
| COP | 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 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 | 16.00 kW | 16.00 kW |
| El input | 3.56 kW | 5.52 kW |
| COP | 4.50 | 2.90 |

EN 14511-2 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input | 12.36 kW | 11.63 kW |
| Cooling capacity | 5.44 | 3.22 |
| EER | 2.27 | 3.61 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |

Sound power level outdoor 56 dB(A) 56 dB(A)

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| η_s | 177 % | 133 % |
| Prated | 15.21 kW | 13.02 kW |
| SCOP | 4.50 | 3.40 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 13.45 kW | 11.52 kW |
| COP Tj = -7°C | 2.72 | 1.99 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 8.20 kW | 7.18 kW |
| COP Tj = +2°C | 4.30 | 3.34 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 5.70 kW | 4.56 kW |
| COP Tj = +7°C | 6.20 | 4.61 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.78 kW | 3.32 kW |
| COP Tj = 12°C | 8.51 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 13.45 kW | 11.52 kW |
| COP Tj = Tbiv | 2.72 | 1.99 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 12.52 kW | 10.33 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.48 | 1.80 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 65 °C | 65 °C |
| Poff | 20 W | 20 W |
| PTO | 30 W | 30 W |
| PSB | 20 W | 20 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 2.68 kW | 2.67 kW |
| Annual energy consumption Qhe | 6979 kWh | 7914 kWh |

EN 14825 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| 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 | 20 W | 20 W |
| PTO | 10 W | 10 W |
| PSB | 20 W | 20 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 1766 kWh | 1128 kWh |