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This information was generated by the HP KEYMARK database on 18 Mar 2022

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| Summary of | Platinum BC Smart iR32 6/8 | Reg. No. | 21HK0004/00 | |
|---------------------|---|----------------------------|-------------|--|
| 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 | Kiwa Nederland B.V. | Kiwa Nederland B.V. | | |
| Subtype title | Platinum BC Smart iR32 6/8 | Platinum BC Smart iR32 6/8 | | |
| Heat Pump Type | Outdoor Air/Water | | | |
| Refrigerant | R32 | | | |
| Mass of Refrigerant | 1.2 kg | | | |
| Certification Date | 21.05.2021 | | | |
| Testing basis | European KEYMARK Scheme for Heat Pumps (v9) | | | |



Model: AWHPR 6 MR + MIC V200 R32

| Configure model | | |
|---|---------------------------|--|
| Model name | AWHPR 6 MR + MIC V200 R32 | |
| Application | Heating + DHW + low temp | |
| Units | Indoor + Outdoor | |
| Climate Zone | Warmer Climate | |
| Reversibility | Yes | |
| Cooling mode application (optional) +7°C/12°C and +18°C/+23°C | | |

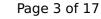
| General Data | | |
|--------------|-------------|--|
| Power supply | 1x230V 50Hz | |

Heating

| EN 14511-2 | | | |
|------------------------------------|---------|---------|--|
| Low temperature Medium temperature | | | |
| Heat output | 6.40 kW | 5.70 kW | |
| El input | 1.28 kW | 1.97 kW | |
| СОР | 5.00 | 2.90 | |

| 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 | 2.30 kW | 1.43 kW | | |
| Cooling capacity | 6.50 | 7.00 | | |
| EER | 2.83 | 4.88 | | |

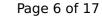


| EN 14825 | | | |
|-------------------------------|------------|-------------|--|
| | +7°C/+12°C | +18°C/+23°C | |
| Pdesignc | 6.5 kW | 7.0 kW | |
| SEER | 3.95 | 5.99 | |
| Pdc Tj = 35°C | 6.50 kW | 7.00 kW | |
| EER Tj = 35°C | 2.83 | 4.88 | |
| Pdc Tj = 30°C | 4.90 kW | 5.39 kW | |
| EER Tj = 30°C | 3.99 | 6.65 | |
| Pdc Tj = 25°C | 3.10 kW | 3.32 kW | |
| EER Tj = 25°C | 4.55 | 4.93 | |
| Pdc Tj = 20°C | 1.37 kW | 1.78 kW | |
| EER Tj = 20°C | 3.96 | 9.48 | |
| Poff | 15 W | 15 W | |
| PTO | 15 W | 15 W | |
| PSB | 15 W | 15 W | |
| PCK | 0 W | o w | |
| Annual energy consumption Qce | 987 kWh | 701 kWh | |



| EN 12102-1 | | | | |
|---------------------------|-----------------|--------------------|--|--|
| | Low temperature | Medium temperature | | |
| Sound power level indoor | 34 dB(A) | 34 dB(A) | | |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) | | |

| EN 14825 | | | |
|-------------------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| η_{s} | 177 % | 132 % | |
| Prated | 6.50 kW | 6.00 kW | |
| SCOP | 4.50 | 3.37 | |
| Tbiv | -10 °C | -7 °C | |
| TOL | -10 °C | -10 °C | |
| Pdh Tj = -7°C | 5.90 kW | 5.50 kW | |
| COP Tj = -7°C | 3.16 | 2.22 | |
| Cdh Tj = -7 °C | 0.99 | 0.99 | |
| Pdh Tj = $+2$ °C | 3.50 kW | 3.40 kW | |
| COP Tj = +2°C | 4.48 | 3.37 | |
| Cdh Tj = +2 °C | 0.98 | 0.98 | |
| Pdh Tj = $+7^{\circ}$ C | 2.25 kW | 2.10 kW | |
| COP Tj = +7°C | 5.61 | 4.07 | |
| Cdh Tj = +7 °C | 0.96 | 0.97 | |





| | - | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 2.50 kW | 2.50 kW |
| COP Tj = 12°C | 6.92 | 6.58 |
| Cdh Tj = +12 °C | 0.96 | 0.97 |
| Pdh Tj = Tbiv | 6.60 kW | 5.50 kW |
| COP Tj = Tbiv | 2.68 | 2.22 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.60 kW | 5.30 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.68 | 1.82 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| РТО | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0 kW | 0.7 kW |
| Annual energy consumption Qhe | 2986 kWh | 3679 kWh |
| | | |

| EN 14825 | | |
|----------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_s | 207 % | 141 % |
| | | |





| | | The database on 10 Mai 2022 |
|---|---------|-----------------------------|
| Prated | 6.50 kW | 6.00 kW |
| SCOP | 5.24 | 3.61 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = $+2$ °C | 6.50 kW | 6.00 kW |
| COP Tj = +2°C | 3.40 | 2.27 |
| Cdh Tj = +2 °C | 0.99 | 0.99 |
| Pdh Tj = $+7^{\circ}$ C | 4.30 kW | 4.05 kW |
| COP Tj = +7°C | 5.30 | 3.16 |
| Cdh Tj = +7 °C | 0.98 | 0.99 |
| Pdh Tj = 12°C | 1.86 kW | 1.90 kW |
| COP Tj = 12°C | 6.07 | 4.70 |
| Cdh Tj = +12 °C | 0.95 | 0.96 |
| Pdh Tj = Tbiv | 6.50 kW | 6.00 kW |
| COP Tj = Tbiv | 3.40 | 2.27 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.50 kW | 6.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.40 | 2.27 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| РТО | 15 W | 15 W |
| | | |



| PSB | 15 W | 15 W |
|--|-------------|-------------|
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1658 kWh | 2222 kWh |

| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 34 dB(A) | 34 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

Domestic Hot Water (DHW)

| EN 16147 | | |
|---------------------------------|-------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 135 % | |
| СОР | 3.20 | |
| Heating up time | 01:35 h:min | |
| Standby power input | 35.5 W | |
| Reference hot water temperature | 53.1 °C | |
| Mixed water at 40°C | 277 | |



| EN 16147 | | |
|---------------------------------|-------------|--|
| | | |
| Declared load profile | L | |
| Efficiency ηDHW | 149 % | |
| СОР | 3.50 | |
| Heating up time | 01:28 h:min | |
| Standby power input | 36.5 W | |
| Reference hot water temperature | 53.1 °C | |
| Mixed water at 40°C | 277 I | |



Model: AWHPR 8 MR + MIC V200 R32

| Configure model | | |
|--------------------------------------|---------------------------|--|
| Model name | AWHPR 8 MR + MIC V200 R32 | |
| Application Heating + DHW + low temp | | |
| Units Indoor + Outdoor | | |
| Climate Zone Warmer Climate | | |
| Reversibility Yes | | |
| Cooling mode application (optional) | +7°C/12°C and +18°C/+23°C | |

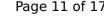
| General Data | | |
|--------------------------|--|--|
| Power supply 1x230V 50Hz | | |

Heating

| EN 14511-2 | | |
|------------------------------------|---------|---------|
| Low temperature Medium temperature | | |
| Heat output | 7.6 kW | 8.0 kW |
| El input | 1.66 kW | 2.91 kW |
| СОР | 4.57 | 2.75 |

| 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





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| EN 14511-2 | | |
|------------------|------------|-------------|
| | +7°C/+12°C | +18°C/+23°C |
| El input | 2.33 kW | 1.45 kW |
| Cooling capacity | 6.50 | 7.10 |
| EER | 2.79 | 4.88 |



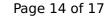
| EN 14825 | | |
|-------------------------------|------------|-------------|
| | +7°C/+12°C | +18°C/+23°C |
| Pdesignc | 6.5 kW | 7.1 kW |
| SEER | 4.32 | 5.82 |
| Pdc Tj = 35°C | 6.50 kW | 7.10 kW |
| EER Tj = 35°C | 2.79 | 4.88 |
| Pdc Tj = 30°C | 4.97 kW | 5.65 kW |
| EER Tj = 30°C | 3.96 | 6.71 |
| Pdc Tj = 25°C | 3.35 kW | 3.18 kW |
| EER Tj = 25°C | 4.74 | 5.26 |
| Pdc Tj = 20°C | 1.55 kW | 1.67 kW |
| EER Tj = 20°C | 5.50 | 7.40 |
| Poff | 15 W | 15 W |
| РТО | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 904 kWh | 732 kWh |



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| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 36 dB(A) | 36 dB(A) |
| Sound power level outdoor | 59 dB(A) | 59 dB(A) |

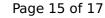
| EN 14825 | | |
|-------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 176 % | 125 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.48 | 3.21 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.19 kW | 6.19 kW |
| COP Tj = -7°C | 2.97 | 1.95 |
| Cdh Tj = -7 °C | 0.99 | 0.99 |
| Pdh Tj = $+2$ °C | 4.12 kW | 3.79 kW |
| COP Tj = +2°C | 4.46 | 3.24 |
| Cdh Tj = +2 °C | 0.98 | 0.99 |
| Pdh Tj = $+7^{\circ}$ C | 2.78 kW | 2.49 kW |
| COP Tj = +7°C | 5.70 | 4.10 |
| Cdh Tj = +7 °C | 0.97 | 0.97 |





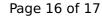
| Pdh Tj = 12°C | 2.67 kW | 2.55 kW |
|---|-------------|-------------|
| COP Tj = 12°C | 7.80 | 6.10 |
| Cdh Tj = +12 °C | 0.96 | 0.96 |
| Pdh Tj = Tbiv | 6.19 kW | 6.19 kW |
| COP Tj = Tbiv | 2.97 | 1.95 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.64 kW | 4.90 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.58 | 1.66 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| РТО | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | o w |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.36 kW | 2.1 kW |
| Annual energy consumption Qhe | 3225 kWh | 4504 kWh |

| EN 14825 | | |
|----------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_s | 214 % | 149 % |
| | | |





| This information was genera | | |
|---|---------|---------|
| Prated | 7.00 kW | 6.60 kW |
| SCOP | 5.41 | 3.81 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 7.00 kW | 6.60 kW |
| COP Tj = +2°C | 3.25 | 2.12 |
| Cdh Tj = +2 °C | 0.99 | 0.99 |
| Pdh Tj = $+7$ °C | 4.70 kW | 4.58 kW |
| $COPTj = +7^{\circ}C$ | 5.11 | 3.36 |
| Cdh Tj = +7 °C | 0.98 | 0.99 |
| Pdh Tj = 12°C | 2.11 kW | 2.00 kW |
| COP Tj = 12°C | 6.71 | 5.00 |
| Cdh Tj = +12 °C | 0.95 | 0.96 |
| Pdh Tj = Tbiv | 7.00 kW | 6.60 kW |
| COP Tj = Tbiv | 3.25 | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.00 kW | 6.60 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.25 | 2.12 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| РТО | 10.6 W | 15 W |
| | | |





| PSB | 15 W | 15 W |
|--|-------------|-------------|
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1728 kWh | 2315 kWh |

| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 36 dB(A) | 36 dB(A) |
| Sound power level outdoor | 61 dB(A) | 61 dB(A) |

Domestic Hot Water (DHW)

| EN 16147 | | |
|---------------------------------|-------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 120 % | |
| СОР | 2.85 | |
| Heating up time | 01:25 h:min | |
| Standby power input | 34.9 W | |
| Reference hot water temperature | 53.1 °C | |
| Mixed water at 40°C | 278 | |



| EN 16147 | | |
|---------------------------------|-------------|--|
| Declared load profile | L | |
| Efficiency ηDHW | 143 % | |
| СОР | 3.40 | |
| Heating up time | 01:20 h:min | |
| Standby power input | 30.9 W | |
| Reference hot water temperature | 53.1 °C | |
| Mixed water at 40°C | 278 | |