

Page 1 of 11

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

<u>Login</u>

| Summary of | Áurea+ HP60 14 / AHP60 14 | Reg. No. | ICIM-PDC-000124-00 | |
|---------------------|----------------------------------------------------------------|----------|--------------------|--|
| Certificate Holder | Certificate Holder | | | |
| Name | Group Atlantic España - Soluciones Confort Térmico S.A. | | | |
| Address | Calle Antonio Machado, 65 - Edificio Sócrates Zip 08840 | | 08840 | |
| City | Viladecans, Barcelona | Country | Spain | |
| Certification Body | n Body ICIM S.p.A. | | | |
| Subtype title | Áurea+ HP60 14 / AHP60 14 | | | |
| Heat Pump Type | pe Outdoor Air/Water | | | |
| Refrigerant | efrigerant R32 | | | |
| Mass of Refrigerant | ss of Refrigerant 3.6 kg | | | |
| Certification Date | 18.10.2021 | | | |
| Testing basis | Testing basis HP KEYMARK certification scheme rules rev. no. 7 | | | |



Model: HP60-14 / AHP60-14

| Configure model | | |
|-------------------------------------|-----------------------|--|
| Model name | HP60-14 / AHP60-14 | |
| Application | Heating (medium temp) | |
| Units | Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

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

Heating

| EN 14511-2 | | |
|------------------------------------|----------|----------|
| Low temperature Medium temperature | | |
| Heat output | 14.10 kW | 13.44 kW |
| El input | 2.91 kW | 4.35 kW |
| СОР | 4.85 | 3.09 |

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

Average Climate



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | dB(A) | dB(A) |
| Sound power level outdoor | 68 dB(A) | 68 dB(A) |

| EN 14825 | | |
|----------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 176 % | 130 % |
| Prated | 12.00 kW | 12.00 kW |
| SCOP | 4.48 | 3.31 |
| Tbiv | -7 °C | -7 °C |
| TOL | -20 °C | -15 °C |
| Pdh Tj = -7°C | 10.70 kW | 10.30 kW |
| COP Tj = -7°C | 2.98 | 2.10 |
| Cdh Tj = -7 °C | 1.000 | 1.000 |
| Pdh Tj = +2°C | 6.50 kW | 6.20 kW |
| COP Tj = +2°C | 4.20 | 3.21 |
| Cdh Tj = +2 °C | 1.000 | 1.000 |
| Pdh Tj = +7°C | 5.80 kW | 5.70 kW |
| COP Tj = +7°C | 5.98 | 4.19 |
| Cdh Tj = +7 °C | 0.980 | 0.986 |

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com



| Pdh Tj = 12°C | 6.70 kW | 6.60 kW |
|-----------------------------------------------------|----------|----------|
| COP Tj = 12°C | 8.16 | 6.17 |
| Cdh Tj = +12 °C | 0.977 | 0.982 |
| Pdh Tj = Tbiv | 10.70 kW | 10.30 kW |
| COP Tj = Tbiv | 2.98 | 2.10 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 10.20 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.69 | 1.96 |
| WTOL | 60 °C | 60 °C |
| Poff | 19 W | 19 W |
| РТО | 22 W | 22 W |
| PSB | 19 W | 19 W |
| PCK | o w | o w |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 5583 kWh | 7259 kWh |

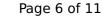
Cooling





| EN 14511-2 | |
|------------------|---------|
| +7°C/+12°C | |
| El input | 3.53 kW |
| Cooling capacity | 11.48 |
| EER | 3.25 |

EN 14825





| This information was generated by the HP NETMARK database on 16 Mar 20 | | |
|------------------------------------------------------------------------|------------|--|
| | +7°C/+12°C | |
| Pdesignc | 11.48 kW | |
| SEER | 4.62 | |
| Pdc Tj = 35°C | 11.48 kW | |
| EER Tj = 35°C | 3.25 | |
| Pdc Tj = 30°C | 8.47 kW | |
| EER Tj = 30°C | 4.31 | |
| Cdc | 1.0 | |
| Pdc Tj = 25°C | 5.41 kW | |
| EER Tj = 25°C | 4.91 | |
| Cdc | 1.0 | |
| Pdc Tj = 20°C | 5.53 kW | |
| EER Tj = 20°C | 6.72 | |
| Cdc | 1.0 | |
| Poff | 19 W | |
| РТО | 0 W | |
| PSB | 19 W | |
| PCK | 30 W | |
| Annual energy consumption Qce | 1492 kWh | |



Model: HP60-14TR / AHP60-14TR

| Configure model | | |
|-------------------------------------|------------------------|--|
| Model name | HP60-14TR / AHP60-14TR | |
| Application | Heating (medium temp) | |
| Units | Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | +7°C/12°C | |

| | General Data | |
|--------------------------|--------------|--|
| Power supply 3x400V 50Hz | | |

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 14.10 kW | 13.44 kW |
| El input | 2.91 kW | 4.35 kW |
| СОР | 4.85 | 3.09 |

| EN 14511-4 | |
|--------------------------------------------|--------|
| Shutting off the heat transfer medium flow | naccod |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

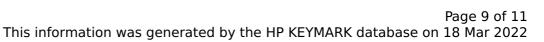
Average Climate



| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | dB(A) | dB(A) |
| Sound power level outdoor | 68 dB(A) | 68 dB(A) |

| EN 14825 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| η_{s} | 176 % | 130 % |
| Prated | 12.00 kW | 12.00 kW |
| SCOP | 4.48 | 3.31 |
| Tbiv | -7 °C | -7 °C |
| TOL | -20 °C | -15 °C |
| Pdh Tj = -7°C | 10.70 kW | 10.30 kW |
| COP Tj = -7°C | 2.98 | 2.10 |
| Cdh Tj = -7 °C | 1.000 | 1.000 |
| Pdh Tj = +2°C | 6.50 kW | 6.20 kW |
| $COP Tj = +2^{\circ}C$ | 4.20 | 3.21 |
| Cdh Tj = +2 °C | 1.000 | 1.000 |
| Pdh Tj = +7°C | 5.80 kW | 5.70 kW |
| COP Tj = +7°C | 5.98 | 4.19 |
| Cdh Tj = +7 °C | 0.980 | 0.986 |

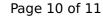
EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com



| \bigcirc | |
|------------|---------------|
| | CEN heat pump |
| 13 | KEYMARK |

| Pdh Tj = 12°C | 6.70 kW | 6.60 kW |
|-----------------------------------------------------|----------|----------|
| COP Tj = 12°C | 8.16 | 6.17 |
| Cdh Tj = +12 °C | 0.977 | 0.982 |
| Pdh Tj = Tbiv | 10.70 kW | 10.30 kW |
| COP Tj = Tbiv | 2.98 | 2.10 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 10.20 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.69 | 1.96 |
| WTOL | 60 °C | 60 °C |
| Poff | 19 W | 19 W |
| РТО | 22 W | 22 W |
| PSB | 19 W | 19 W |
| PCK | o w | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 5583 kWh | 7259 kWh |

Cooling





| EN 14511-2 | |
|------------------|------------|
| | +7°C/+12°C |
| El input | 3.53 kW |
| Cooling capacity | 11.48 |
| EER | 3.25 |

EN 14825



$$\operatorname{Page}\ 11$$ of 11 This information was generated by the HP KEYMARK database on 18 Mar 2022

| | +7°C/+12°C |
|-------------------------------|------------|
| Pdesignc | 11.48 kW |
| SEER | 4.62 |
| Pdc Tj = 35°C | 11.48 kW |
| EER Tj = 35°C | 3.25 |
| Pdc Tj = 30°C | 8.47 kW |
| EER Tj = 30°C | 4.31 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 5.41 kW |
| EER Tj = 25°C | 4.91 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 5.53 kW |
| EER Tj = 20°C | 6.72 |
| Cdc | 1.0 |
| Poff | 19 W |
| PTO | o w |
| PSB | 19 W |
| PCK | 30 W |
| Annual energy consumption Qce | 1492 kWh |