

Subtype Áurea+ HP60 05/08 / AHP60 06/08

| | |
|---------------------|---|
| Certificate Holder | Group Atlantic España - Soluciones Confort Térmico S.A. |
| Address | Calle Antonio Machado, 65 - Edificio Sócrates |
| ZIP | 08840 |
| City | Viladecans, Barcelona |
| Country | ES |
| Certification Body | ICIM S.p.A. |
| Subtype title | Áurea+ HP60 05/08 / AHP60 06/08 |
| Registration number | ICIM-PDC-000122 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 1.5 kg |
| Certification Date | 18.10.2021 |
| Testing basis | HP KEYMARK certification scheme rules rev. no. 7 |

Model HP60-06 / AHP60-06

| | |
|-------------------------------------|-----------------------|
| Model name | HP60-06 / AHP60-06 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°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 |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 6.08 kW | 6.03 kW |
| El input | 1.35 kW | 2.14 kW |
| COP | 4.51 | 2.82 |

EN 14511-2 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input | 1.60 kW | |
| Cooling capacity | 5.02 | |
| EER | 3.14 | |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 64 dB(A) | 64 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|--------|-----------------|--------------------|
| ηs | 175 % | 126 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.46 | 3.21 |
| Tbiv | -7 °C | -7 °C |
| TOL | -20 °C | -15 °C |

| | | |
|---|----------|----------|
| Pdh Tj = -7°C | 6.10 kW | 5.80 kW |
| COP Tj = -7°C | 2.96 | 2.08 |
| Cdh Tj = -7 °C | 1.000 | 1.000 |
| Pdh Tj = +2°C | 3.70 kW | 3.60 kW |
| COP Tj = +2°C | 4.36 | 3.30 |
| Cdh Tj = +2 °C | 1.000 | 1.000 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 5.56 | 3.49 |
| Cdh Tj = +7 °C | 0.967 | 0.978 |
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.88 | 6.49 |
| Cdh Tj = +12 °C | 0.959 | 0.966 |
| Pdh Tj = Tbiv | 6.10 kW | 5.80 kW |
| COP Tj = Tbiv | 2.96 | 2.08 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.10 kW | 6.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.73 | 1.95 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | | |
| WTOL | 60 °C | 60 °C |
| Poff | 19 W | 19 W |
| PTO | 22 W | 22 W |
| PSB | 19 W | 19 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.90 kW | 1.00 kW |
| Annual energy consumption Qhe | 3178 kWh | 4190 kWh |

EN 14825 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| Pdesignc | 5.02 kW | |
| SEER | 4.12 | |
| Pdc Tj = 35°C | 5.02 kW | |
| EER Tj = 35°C | 3.14 | |
| Pdc Tj = 30°C | 3.70 kW | |
| EER Tj = 30°C | 4.03 | |
| Cdc Tj = 30 °C | 1.0 | |
| Pdc Tj = 25°C | 2.70 kW | |
| EER Tj = 25°C | 4.82 | |
| Cdc Tj = 25 °C | 1.0 | |
| Pdc Tj = 20°C | 2.96 kW | |
| EER Tj = 20°C | 6.57 | |
| Cdc Tj = 20 °C | 1.0 | |
| Poff | 19 W | |
| PTO | 0 W | |

| | |
|-------------------------------|---------|
| PSB | 19 W |
| PCK | 30 W |
| Annual energy consumption Qce | 730 kWh |

Model HP60-08 / AHP60-08

| | |
|-------------------------------------|-----------------------|
| Model name | HP60-08 / AHP60-08 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°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 |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 7.81 kW | 7.55 kW |
| El input | 1.78 kW | 2.65 kW |
| COP | 4.38 | 2.85 |

EN 14511-2 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|------------------|------------|-------------|
| El input | 1.99 kW | |
| Cooling capacity | 6.08 | |
| EER | 3.05 | |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 64 dB(A) | 64 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|--------|-----------------|--------------------|
| ηs | 176 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.46 | 3.27 |
| Tbiv | -7 °C | -7 °C |
| TOL | -20 °C | -15 °C |

| | | |
|---|----------|----------|
| Pdh Tj = -7°C | 6.50 kW | 6.30 kW |
| COP Tj = -7°C | 2.95 | 1.91 |
| Cdh Tj = -7 °C | 1.000 | 1.000 |
| Pdh Tj = +2°C | 4.00 kW | 3.80 kW |
| COP Tj = +2°C | 4.37 | 3.33 |
| Cdh Tj = +2 °C | 1.000 | 1.000 |
| Pdh Tj = +7°C | 3.10 kW | 3.10 kW |
| COP Tj = +7°C | 5.55 | 3.90 |
| Cdh Tj = +7 °C | 0.966 | 0.976 |
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.86 | 6.30 |
| Cdh Tj = +12 °C | 0.959 | 0.967 |
| Pdh Tj = Tbiv | 6.50 kW | 6.30 kW |
| COP Tj = Tbiv | 2.95 | 1.91 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.50 kW | 6.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.70 | 1.95 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | | |
| WTOL | 60 °C | 60 °C |
| Poff | 19 W | 19 W |
| PTO | 22 W | 22 W |
| PSB | 19 W | 19 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.50 kW | 0.60 kW |
| Annual energy consumption Qhe | 3411 kWh | 4494 kWh |

EN 14825 | Cooling

| | +7°C/+12°C | +18°C/+23°C |
|----------------|------------|-------------|
| Pdesignc | 6.08 kW | |
| SEER | 4.25 | |
| Pdc Tj = 35°C | 6.08 kW | |
| EER Tj = 35°C | 3.05 | |
| Pdc Tj = 30°C | 4.49 kW | |
| EER Tj = 30°C | 4.07 | |
| Cdc Tj = 30 °C | 1.0 | |
| Pdc Tj = 25°C | 2.74 kW | |
| EER Tj = 25°C | 4.84 | |
| Cdc Tj = 25 °C | 1.0 | |
| Pdc Tj = 20°C | 3.02 kW | |
| EER Tj = 20°C | 6.70 | |
| Cdc Tj = 20 °C | 1.0 | |
| Poff | 19 W | |
| PTO | 0 W | |

| | |
|-------------------------------|---------|
| PSB | 19 W |
| PCK | 30 W |
| Annual energy consumption Qce | 857 kWh |