

Subtype AIM06

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|---------------------|---------------------|
| Certificate Holder | Argoclima S.p.A |
| Address | Via Alfeno Varo, 35 |
| ZIP | 25020 |
| City | Alfianello (BS) |
| Country | IT |
| Certification Body | ICIM S.p.A. |
| Subtype title | AIM06 |
| Registration number | ICIM-PDC-000011-01 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R410A |
| Mass of Refrigerant | 1.3 kg |
| Certification Date | 10.10.2018 |

Model AIM06EMX

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|-------------------------------------|--------------------------|
| Model name | AIM06EMX |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |

General data

| | |
|------------------|-------------|
| Power supply | 1x230V 50Hz |
| Off-peak product | No |

Outdoor Air/Water

EN 16147 | Average Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 91 % |
| COP | 2.18 |
| Heating up time | 4:04 h:min |
| Standby power input | 54.3 W |
| Reference hot water temperature | 46.7 °C |
| Mixed water at 40°C | 364 l |

EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

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|-------------------------------|--------|
| Complete power supply failure | passed |
| Defrost test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 5.80 kW | 4.16 kW |
| El input | 1.41 kW | 1.97 kW |
| COP | 4.12 | 2.11 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 65 dB(A) | 65 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| η_s | 153 % | 111 % |
| Prated | 4.73 kW | 3.51 kW |
| SCOP | 3.89 | 2.85 |

| | | |
|---|-------------|-------------|
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.18 kW | 3.10 kW |
| COP Tj = -7°C | 2.47 | 1.70 |
| Pdh Tj = +2°C | 2.49 kW | 1.95 kW |
| COP Tj = +2°C | 3.79 | 2.85 |
| Pdh Tj = +7°C | 1.66 kW | 1.43 kW |
| COP Tj = +7°C | 5.21 | 3.85 |
| Pdh Tj = 12°C | 1.16 kW | 1.29 kW |
| COP Tj = 12°C | 6.39 | 5.24 |
| Pdh Tj = Tbiv | 4.18 kW | 3.10 kW |
| COP Tj = Tbiv | 2.47 | 1.70 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 3.62 kW | 2.19 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.03 | 1.12 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.90 | 0.90 |
| WTOL | 55 °C | 55 °C |
| Poff | 5 W | 5 W |
| PTO | 8 W | 8 W |
| PSB | 5 W | 5 W |
| PCK | 35 W | 35 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.11 kW | 1.32 kW |
| Annual energy consumption Qhe | 2509 kWh | 2546 kWh |