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| Summary of | AUCH + AEI1G110BEMX | Reg. No. | ICIM-PDC-000023 | |
|----------------------------|---------------------|-----------------|-----------------|--|
| Certificate Holder | | | | |
| Name | Argoclima S.p.A | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 | |
| City | Alfianello (BS) | Country | Italy | |
| Certification Body | ICIM S.p.A. | · | | |
| Name of testing laboratory | CEIS | | | |
| Subtype title | AUCH + AEI1G110BEMX | | | |
| Heat Pump Type | Outdoor Air/Water | | | |
| Refrigerant | R410a | | | |
| Mass Of Refrigerant | 3.38 kg | | | |
| Certification Date | 21.02.2019 | | | |



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Model: AUCH + AEI1G110BEMX

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

Heating

| EN 14511-2 | | |
|------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 10.45 kW | 9.67 kW |
| El input | 2.58 kW | 4.18 kW |
| СОР | 4.05 | 2.31 |
| Indoor water flow rate | 1.80 m³/h | 1.05 m³/h |

| EN 14511-4 | | |
|--|--------|--|
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed | |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed | |
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |

Average Climate

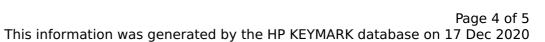


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| EN 12102-1 | | |
|---------------------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Sound power level indoor | 46 dB(A) | 46 dB(A) |
| Sound power level outdoor | 69 dB(A) | 69 dB(A) |

| EN 14825 | | | |
|---------------|-----------------|--------------------|--|
| | Low temperature | Medium temperature | |
| η_{s} | 151 % | 111 % | |
| Prated | 8.35 kW | 7.10 kW | |
| SCOP | 3.85 | 2.84 | |
| Tbiv | -7 °C | -7 °C | |
| TOL | -10 °C | -10 °C | |
| Pdh Tj = -7°C | 7.39 kW | 6.28 kW | |
| COP Tj = -7°C | 2.24 | 1.55 | |
| Pdh Tj = +2°C | 4.53 kW | 3.72 kW | |
| COP Tj = +2°C | 3.76 | 2.81 | |
| Pdh Tj = +7°C | 2.81 kW | 2.96 kW | |
| COP Tj = +7°C | 5.34 | 4.05 | |
| Pdh Tj = 12°C | 2.58 kW | 2.90 kW | |
| COP Tj = 12°C | 7.09 | 6.02 | |
| Pdh Tj = Tbiv | 7.39 kW | 6.28 kW | |

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



| 2.24 | 1.55 |
|-------------|---|
| 6.56 kW | 3.95 kW |
| 2.02 | 1.08 |
| 0.90 | 0.90 |
| 55 °C | 55 °C |
| 5 W | 5 W |
| 8 W | 8 W |
| 5 W | 5 W |
| 35 W | 35 W |
| electricity | electricity |
| 1.79 kW | 3.15 kW |
| 4476 kWh | 5169 kWh |
| | 6.56 kW 2.02 0.90 55 °C 5 W 8 W 5 W 35 W electricity 1.79 kW |

Domestic Hot Water (DHW)

CEN heat pump KEYMARK

Average Climate





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| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | XL | |
| Efficiency ηDHW | 91 % | |
| СОР | 2.25 | |
| Heating up time | 3:21 h:min | |
| Standby power input | 47.0 W | |
| Reference hot water temperature | 47.0 °C | |
| Mixed water at 40°C | 364 I | |