

Subtype: AIM06

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AIM06 | Reg. No. | ICIM-PDC-000011-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AIM06 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 1.3 kg | | |
| Certification Date | 10.10.2018 | | |

Model: AIM06EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AIM06EMX |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | 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 14511-4 | |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

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

EN 14825

| | 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 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| $P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$ | 3.62 kW | 2.19 kW |
| $COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$ | 2.03 | 1.12 |
| $C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$ | 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 Q_{he} | 2509 kWh | 2546 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| 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 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

Subtype: AIM08

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AIM08 | Reg. No. | ICIM-PDC-000012-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AIM08 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 1.46 kg | | |
| Certification Date | 10.10.2018 | | |

Model: AIM08EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AIM08EMX |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 8.08 kW | 5.87 kW |
| El input | 1.93 kW | 2.71 kW |
| COP | 4.19 | 2.17 |

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

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 69 dB(A) | 69 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 159 % | 113 % |
| Prated | 6.51 kW | 5.50 kW |
| SCOP | 4.05 | 2.91 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.76 kW | 4.87 kW |
| COP Tj = -7°C | 2.83 | 1.83 |
| Pdh Tj = +2°C | 3.54 kW | 3.02 kW |
| COP Tj = +2°C | 3.82 | 2.85 |
| Pdh Tj = +7°C | 2.27 kW | 1.85 kW |
| COP Tj = +7°C | 5.29 | 3.67 |
| Pdh Tj = 12°C | 1.52 kW | 1.48 kW |
| COP Tj = 12°C | 6.45 | 5.63 |
| Pdh Tj = Tbiv | 5.76 kW | 4.87 kW |
| COP Tj = Tbiv | 2.83 | 1.83 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| $P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$ | 5.42 kW | 3.97 kW |
| $COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$ | 2.61 | 1.46 |
| $C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$ | 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 | 1.09 kW | 1.53 kW |
| Annual energy consumption Q_{he} | 3326 kWh | 3904 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 94 % |
| COP | 2.25 |
| Heating up time | 3:41 h:min |
| Standby power input | 53.2 W |
| Reference hot water temperature | 46.7 °C |
| Mixed water at 40°C | 364 l |

Subtype: AIM11

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AIM11 | Reg. No. | ICIM-PDC-000013-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AIM11 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.5 kg | | |
| Certification Date | 10.10.2018 | | |

Model: AIM11EMX3PH

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AIM11EMX3PH |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 10.16 kW | 7.36 kW |
| El input | 2.54 kW | 3.51 kW |
| COP | 4.00 | 2.10 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 69 dB(A) | 69 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 151 % | 114 % |
| Prated | 7.83 kW | 6.91 kW |
| SCOP | 3.86 | 2.92 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.93 kW | 6.11 kW |
| COP Tj = -7°C | 2.67 | 1.62 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.56 kW | 3.64 kW |
| COP Tj = +2°C | 3.81 | 2.98 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 2.83 kW | 4.55 kW |
| COP Tj = +7°C | 4.56 | 4.16 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.12 kW | 3.90 kW |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| COP Tj = 12°C | 6.93 | 6.52 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 6.93 kW | 6.11 kW |
| COP Tj = Tbiv | 2.67 | 1.62 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.99 kW | 4.41 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.31 | 1.19 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 0.84 kW | 2.50 kW |
| Annual energy consumption Qhe | 4196 kWh | 4880 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 89 % |
| COP | 2.13 |
| Heating up time | 2:40 h:min |
| Standby power input | 59.3 W |
| Reference hot water temperature | 46.7 °C |
| Mixed water at 40°C | 377 l |

Model: AIM11EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AIM11EMX |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 10.16 kW | 7.36 kW |
| El input | 2.54 kW | 3.51 kW |
| COP | 4.00 | 2.10 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 69 dB(A) | 69 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 151 % | 114 % |
| Prated | 7.83 kW | 6.91 kW |
| SCOP | 3.86 | 2.92 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.93 kW | 6.11 kW |
| COP Tj = -7°C | 2.67 | 1.62 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.56 kW | 3.64 kW |
| COP Tj = +2°C | 3.81 | 2.98 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 2.83 kW | 4.55 kW |
| COP Tj = +7°C | 4.56 | 4.16 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.12 kW | 3.90 kW |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| COP Tj = 12°C | 6.93 | 6.52 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 6.93 kW | 6.11 kW |
| COP Tj = Tbiv | 2.67 | 1.62 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.99 kW | 4.41 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.31 | 1.19 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 0.84 kW | 2.50 kW |
| Annual energy consumption Qhe | 4196 kWh | 4880 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| | |
| Declared load profile | XL |
| Efficiency η_{DHW} | 89 % |
| COP | 2.13 |
| Heating up time | 2:40 h:min |
| Standby power input | 59.3 W |
| Reference hot water temperature | 46.7 °C |
| Mixed water at 40°C | 377 l |

This information was generated by the HP KEYMARK database on 28 Mar 2024

Subtype: AIM14

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AIM14 | Reg. No. | ICIM-PDC-000015-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AIM14 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 3.1 kg | | |
| Certification Date | 10.10.2018 | | |

Model: AIM14EMX3PH

Configure model

| | |
|-------------------------------------|--------------------------|
| Model name | AIM14EMX3PH |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

General Data

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

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 13.57 kW | 10.26 kW |
| El input | 3.35 kW | 4.83 kW |
| COP | 4.06 | 2.13 |

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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 70 dB(A) | 70 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 153 % | 111 % |
| Prated | 9.83 kW | 9.52 kW |
| SCOP | 3.91 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 8.70 kW | 8.42 kW |
| COP Tj = -7°C | 2.49 | 1.58 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.95 kW | 5.09 kW |
| COP Tj = +2°C | 3.72 | 2.83 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 4.17 kW | 3.53 kW |
| COP Tj = +7°C | 5.53 | 3.87 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 2.86 kW | 4.57 kW |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| COP Tj = 12°C | 6.64 | 6.01 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 8.70 kW | 8.42 kW |
| COP Tj = Tbiv | 2.49 | 1.58 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.96 kW | 6.81 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.24 | 1.19 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.88 kW | 2.72 kW |
| Annual energy consumption Qhe | 5194 kWh | 6931 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| | |
| Declared load profile | XL |
| Efficiency η_{DHW} | 85 % |
| COP | 2.05 |
| Heating up time | 2:40 h:min |
| Standby power input | 47.0 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 377 l |

Model: AIM14EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AIM14EMX |
| Application | Heating + DHW + low temp |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 13.57 kW | 10.26 kW |
| El input | 3.35 kW | 4.83 kW |
| COP | 4.06 | 2.13 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 70 dB(A) | 70 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 153 % | 111 % |
| Prated | 9.83 kW | 9.52 kW |
| SCOP | 3.91 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 8.70 kW | 8.42 kW |
| COP Tj = -7°C | 2.49 | 1.58 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.95 kW | 5.09 kW |
| COP Tj = +2°C | 3.72 | 2.83 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 4.17 kW | 3.53 kW |
| COP Tj = +7°C | 5.53 | 3.87 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 2.86 kW | 4.57 kW |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| COP Tj = 12°C | 6.64 | 6.01 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 8.70 kW | 8.42 kW |
| COP Tj = Tbiv | 2.49 | 1.58 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 7.96 kW | 6.81 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.24 | 1.19 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.88 kW | 2.72 kW |
| Annual energy consumption Qhe | 5194 kWh | 6931 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 85 % |
| COP | 2.05 |
| Heating up time | 2:40 h:min |
| Standby power input | 47.0 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 377 l |

This information was generated by the HP KEYMARK database on 28 Mar 2024

Subtype: AUA + G50

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AUA + G50 | Reg. No. | ICIM-PDC-000021-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AUA + G50 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 1.3 kg | | |
| Certification Date | 21.02.2019 | | |

Model: AUAH + AEI1G50EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUAH + AEI1G50EMX |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 3.95 kW | 4.10 kW |
| El input | 0.97 kW | 1.72 kW |
| COP | 4.09 | 2.39 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 46 dB(A) | 46 dB(A) |
| Sound power level outdoor | 65 dB(A) | 65 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 151 % | 111 % |
| Prated | 2.86 kW | 3.41 kW |
| SCOP | 3.85 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 2.53 kW | 3.01 kW |
| COP Tj = -7°C | 2.26 | 1.75 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 1.51 kW | 1.86 kW |
| COP Tj = +2°C | 3.78 | 2.78 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 1.02 kW | 1.13 kW |
| COP Tj = +7°C | 5.30 | 3.74 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 0.93 kW | 1.31 kW |
| COP Tj = 12°C | 7.02 | 5.88 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 2.53 kW | 3.01 kW |
| COP Tj = Tbiv | 2.26 | 1.75 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 2.32 kW | 2.07 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.02 | 1.11 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 0.53 kW | 1.34 kW |
| Annual energy consumption Qhe | 1534 kWh | 2479 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 90 % |
| COP | 2.22 |
| Heating up time | 5:36 h:min |
| Standby power input | 45.0 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 364 l |

Subtype: AUB + G65

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AUB + G65 | Reg. No. | ICIM-PDC-000022-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AUB + G65 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.7 kg | | |
| Certification Date | 21.02.2019 | | |

Model: AUBH + AEI1G65EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUBH + AEI1G65EMX |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 6.40 kW | 5.19 kW |
| El input | 1.54 kW | 2.38 kW |
| COP | 4.17 | 2.19 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 46 dB(A) | 46 dB(A) |
| Sound power level outdoor | 65 dB(A) | 65 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 153 % | 111 % |
| Prated | 5.80 kW | 4.50 kW |
| SCOP | 3.89 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.13 kW | 3.98 kW |
| COP Tj = -7°C | 2.54 | 1.59 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 3.01 kW | 2.64 kW |
| COP Tj = +2°C | 3.79 | 2.83 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 1.99 kW | 2.08 kW |
| COP Tj = +7°C | 5.01 | 4.01 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 1.70 kW | 2.08 kW |
| COP Tj = 12°C | 6.98 | 6.08 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 5.13 kW | 3.98 kW |
| COP Tj = Tbiv | 2.54 | 1.59 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 4.36 kW | 2.74 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.01 | 1.20 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.44 kW | 1.76 kW |
| Annual energy consumption Qhe | 3083 kWh | 3266 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 90 % |
| COP | 2.21 |
| Heating up time | 3:55 h:min |
| Standby power input | 47.3 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 364 l |

Model: AUBH + AEI1G65EMX3PH

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUBH + AEI1G65EMX3PH |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 6.40 kW | 5.19 kW |
| El input | 1.54 kW | 2.38 kW |
| COP | 4.17 | 2.19 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 46 dB(A) | 46 dB(A) |
| Sound power level outdoor | 65 dB(A) | 65 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 153 % | 111 % |
| Prated | 5.80 kW | 4.50 kW |
| SCOP | 3.89 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.13 kW | 3.98 kW |
| COP Tj = -7°C | 2.54 | 1.59 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 3.01 kW | 2.64 kW |
| COP Tj = +2°C | 3.79 | 2.83 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 1.99 kW | 2.08 kW |
| COP Tj = +7°C | 5.01 | 4.01 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 1.70 kW | 2.08 kW |
| COP Tj = 12°C | 6.98 | 6.08 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 5.13 kW | 3.98 kW |
| COP Tj = Tbiv | 2.54 | 1.59 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 4.36 kW | 2.74 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.01 | 1.20 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.44 kW | 1.76 kW |
| Annual energy consumption Qhe | 3083 kWh | 3266 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| | |
| Declared load profile | XL |
| Efficiency η_{DHW} | 90 % |
| COP | 2.21 |
| Heating up time | 3:55 h:min |
| Standby power input | 47.3 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 364 l |

This information was generated by the HP KEYMARK database on 28 Mar 2024

Subtype: AUC + G110

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AUC + G110 | Reg. No. | ICIM-PDC-000024-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AUC + G110 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 3.38 kg | | |
| Certification Date | 21.02.2019 | | |

Model: AUCH + AEI1G110BEMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUCH + AEI1G110BEMX |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

| 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 |
| COP | 4.05 | 2.31 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

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 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.53 kW | 3.72 kW |
| COP Tj = +2°C | 3.76 | 2.81 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 2.81 kW | 2.96 kW |
| COP Tj = +7°C | 5.34 | 4.05 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 2.58 kW | 2.90 kW |
| COP Tj = 12°C | 7.09 | 6.02 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 7.39 kW | 6.28 kW |
| COP Tj = Tbiv | 2.24 | 1.55 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.56 kW | 3.95 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.02 | 1.08 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.79 kW | 3.15 kW |
| Annual energy consumption Qhe | 4476 kWh | 5169 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 91 % |
| COP | 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 l |

Model: AUCH + AEI1G110EMX3PH

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUCH + AEI1G110EMX3PH |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

| General Data | |
|--------------|-------------|
| Power supply | 3x400V 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 |
| COP | 4.05 | 2.31 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

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 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 4.53 kW | 3.72 kW |
| COP Tj = +2°C | 3.76 | 2.81 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 2.81 kW | 2.96 kW |
| COP Tj = +7°C | 5.34 | 4.05 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 2.58 kW | 2.90 kW |
| COP Tj = 12°C | 7.09 | 6.02 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 7.39 kW | 6.28 kW |
| COP Tj = Tbiv | 2.24 | 1.55 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.56 kW | 3.95 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.02 | 1.08 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.79 kW | 3.15 kW |
| Annual energy consumption Qhe | 4476 kWh | 5169 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 91 % |
| COP | 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 l |

This information was generated by the HP KEYMARK database on 28 Mar 2024

Subtype: AUC + G80

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AUC + G80 | Reg. No. | ICIM-PDC-000023-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AUC + G80 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.99 kg | | |
| Certification Date | 21.02.2019 | | |

Model: AUCH + AEI1G80BEMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUCH + AEI1G80BEMX |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 7.97 kW | 7.08 kW |
| El input | 1.92 kW | 3.05 kW |
| COP | 4.15 | 2.32 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

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 | 6.59 kW | 5.76 kW |
| SCOP | 3.85 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.83 kW | 5.10 kW |
| COP Tj = -7°C | 2.45 | 1.66 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 3.33 kW | 3.07 kW |
| COP Tj = +2°C | 3.80 | 2.79 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 2.16 kW | 2.10 kW |
| COP Tj = +7°C | 4.96 | 3.81 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 2.13 kW | 1.79 kW |
| COP Tj = 12°C | 6.64 | 5.55 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 5.83 kW | 5.10 kW |
| COP Tj = Tbiv | 2.45 | 1.66 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 4.97 kW | 4.33 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.08 | 1.32 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.62 kW | 1.43 kW |
| Annual energy consumption Qhe | 3541 kWh | 4184 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| | |
| Declared load profile | XL |
| Efficiency η_{DHW} | 90 % |
| COP | 2.21 |
| Heating up time | 3:11 h:min |
| Standby power input | 47.0 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 364 l |

Model: AUCH + AEI1G80EMX3PH

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUCH + AEI1G80EMX3PH |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 7.97 kW | 7.08 kW |
| El input | 1.92 kW | 3.05 kW |
| COP | 4.15 | 2.32 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

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 | 6.59 kW | 5.76 kW |
| SCOP | 3.85 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.83 kW | 5.10 kW |
| COP Tj = -7°C | 2.45 | 1.66 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 3.33 kW | 3.07 kW |
| COP Tj = +2°C | 3.80 | 2.79 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 2.16 kW | 2.10 kW |
| COP Tj = +7°C | 4.96 | 3.81 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 2.13 kW | 1.79 kW |
| COP Tj = 12°C | 6.64 | 5.55 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 5.83 kW | 5.10 kW |
| COP Tj = Tbiv | 2.45 | 1.66 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 4.97 kW | 4.33 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.08 | 1.32 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 1.62 kW | 1.43 kW |
| Annual energy consumption Qhe | 3541 kWh | 4184 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 90 % |
| COP | 2.21 |
| Heating up time | 3:11 h:min |
| Standby power input | 47.0 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 364 l |

This information was generated by the HP KEYMARK database on 28 Mar 2024

Subtype: AUD + G140

| | | | |
|---------------------|---------------------|----------|--------------------|
| Summary of | AUD + G140 | Reg. No. | ICIM-PDC-000025-01 |
| Certificate Holder | | | |
| Name | Argoclima S.p.A | | |
| Address | Via Alfeno Varo, 35 | Zip | 25020 |
| City | Alfianello (BS) | Country | Italy |
| Certification Body | ICIM S.p.A. | | |
| Subtype title | AUD + G140 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 4.4 kg | | |
| Certification Date | 21.02.2019 | | |

Model: AUDH + AEI1G140EMX3PH

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUDH + AEI1G140EMX3PH |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 13.63 kW | 10.42 kW |
| El input | 3.50 kW | 4.84 kW |
| COP | 3.90 | 2.15 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 46 dB(A) | 46 dB(A) |
| Sound power level outdoor | 70 dB(A) | 70 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 161 % | 111 % |
| Prated | 11.86 kW | 9.36 kW |
| SCOP | 4.09 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.49 kW | 8.28 kW |
| COP Tj = -7°C | 2.53 | 1.53 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 6.27 kW | 5.19 kW |
| COP Tj = +2°C | 4.08 | 2.91 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 6.34 kW | 5.05 kW |
| COP Tj = +7°C | 5.65 | 4.11 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

This information was generated by the HP KEYMARK database on 28 Mar 2024

| | | |
|---|-------------|-------------|
| Pdh Tj = 12°C | 4.76 kW | 4.57 kW |
| COP Tj = 12°C | 6.28 | 5.31 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 10.49 kW | 8.28 kW |
| COP Tj = Tbiv | 2.53 | 1.53 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.79 kW | 5.82 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.32 | 1.07 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| 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 | 2.07 kW | 3.54 kW |
| Annual energy consumption Qhe | 5987 kWh | 6811 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 28 Mar 2024

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 80 % |
| COP | 1.99 |
| Heating up time | 2:07 h:min |
| Standby power input | 52.0 W |
| Reference hot water temperature | 47.0 °C |
| Mixed water at 40°C | 364 l |

Model: AUDH + AEI1G140EMX

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | AUDH + AEI1G140EMX |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 13.63 kW | 10.42 kW |
| El input | 3.50 kW | 4.84 kW |
| COP | 3.90 | 2.15 |

| 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

This information was generated by the HP KEYMARK database on 28 Mar 2024

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 46 dB(A) | 46 dB(A) |
| Sound power level outdoor | 70 dB(A) | 70 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 161 % | 111 % |
| Prated | 11.86 kW | 9.36 kW |
| SCOP | 4.09 | 2.84 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 10.49 kW | 8.28 kW |
| COP Tj = -7°C | 2.53 | 1.53 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 6.27 kW | 5.19 kW |
| COP Tj = +2°C | 4.08 | 2.91 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 6.34 kW | 5.05 kW |
| COP Tj = +7°C | 5.65 | 4.11 |
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| Poff | 5 W | 5 W |
| PTO | 8 W | 8 W |
| PSB | 5 W | 5 W |
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| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 2.07 kW | 3.54 kW |
| Annual energy consumption Qhe | 5987 kWh | 6811 kWh |

Domestic Hot Water (DHW)

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