## Subtype DE DIETRICH Alezio S R32 4 MR & Alezio S Compact R32 4 MR

| | |
|---|---|
| Certificate Holder | BDR Thermea FR (DE DIETRICH) |
| Address | 57 rue de la Gare |
| ZIP | 67580 |
| City | Mertzwiller |
| Country | FR |
| Certification Body | Kiwa Nederland B.V. |
| Subtype title | DE DIETRICH Alezio S R32 4 MR & Alezio S Compact R32 4 MR |
| Registration number | 007-DM0121 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 1.2 kg |
| Certification Date | 03.12.2021 |
| Testing basis | European KEYMARK Scheme for Heat Pumps (v9) |

| Model AWHPR 4 MR + MIV-S 4-8/EM R32 | |
|---|---|
| Model name | AWHPR 4 MR + MIV-S 4-8/EM R32 |
| Application | Heating (medium temp) |
| Units | Indoor, Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C |
| Any additional heat sources | n/a |

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

| 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 | 4.60 kW | 4.40 kW |
| El input | 0.88 kW | 1.49 kW |
| COP | 5.20 | 2.95 |

| EN 14511-2 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| El input | 1.25 kW | 1.12 kW |
| Cooling capacity | 4.50 | 6.00 |
| EER | 3.60 | 5.35 |

| EN 12102-1 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Sound power level indoor | 33 dB(A) | 33 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 177 % | 135 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 4.50 | 3.44 |
| Tbiv | -10 °C | -7 °C |

| | | |
|---|---|---|
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.40 kW | 4.50 kW |
| COP Tj = -7°C | 3.18 | 2.15 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 2.70 kW | 2.70 kW |
| COP Tj = +2°C | 4.44 | 3.39 |
| Cdh Tj = +2 °C | 0.980 | 0.980 |
| Pdh Tj = +7°C | 1.75 kW | 1.74 kW |
| COP Tj = +7°C | 5.37 | 4.44 |
| Cdh Tj = +7 °C | 0.960 | 0.960 |
| Pdh Tj = 12°C | 2.70 kW | 2.10 kW |
| COP Tj = 12°C | 8.78 | 7.29 |
| Cdh Tj = +12 °C | 0.950 | 0.950 |
| Pdh Tj = Tbiv | 5.00 kW | 4.50 kW |
| COP Tj = Tbiv | 3.00 | 2.15 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 4.30 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.00 | 1.83 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 60 °C | 60 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.00 kW | 0.70 kW |
| Annual energy consumption Qhe | 2297 kWh | 3000 kWh |

| EN 14825 \| Warmer Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 234 % | 163 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.94 | 4.16 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.00 kW | 5.00 kW |
| COP Tj = +2°C | 3.51 | 2.42 |
| Cdh Tj = +2 °C | 0.99 | 0.99 |
| Pdh Tj = +7°C | 3.30 kW | 3.30 kW |
| COP Tj = +7°C | 5.65 | 3.67 |
| Cdh Tj = +7 °C | 0.98 | 0.98 |
| Pdh Tj = 12°C | 2.10 kW | 1.90 kW |
| COP Tj = 12°C | 7.94 | 5.67 |
| Cdh Tj = +12 °C | 0.95 | 0.96 |

| | | |
|---|---|---|
| Pdh Tj = Tbiv | 5.00 kW | 5.00 kW |
| COP Tj = Tbiv | 3.51 | 2.42 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 5.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.51 | 2.42 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| PTO | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1125 kWh | 1607 kWh |

| EN 14825 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| Pdesignc | 4.50 kW | 6.00 kW |
| SEER | 4.69 | 8.13 |
| Pdc Tj = 35°C | 4.50 kW | 6.00 kW |
| EER Tj = 35°C | 3.60 | 5.35 |
| Pdc Tj = 30°C | 3.32 kW | 4.50 kW |
| EER Tj = 30°C | 3.97 | 7.09 |
| Pdc Tj = 25°C | 2.30 kW | 2.80 kW |
| EER Tj = 25°C | 5.23 | 9.20 |
| Pdc Tj = 20°C | 1.85 kW | 2.85 kW |
| EER Tj = 20°C | 6.40 | 12.23 |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 576 kWh | 443 kWh |

| Model AWHPR 4 MR + MIV-S 4-8/EM R32 + HPSL180 EVO | |
|---|---|
| Model name | AWHPR 4 MR + MIV-S 4-8/EM R32 + HPSL180 EVO |
| Application | Heating + DHW + low temp |
| Units | Indoor, Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C |
| Any additional heat sources | n/a |

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

| Outdoor Air/Water<br>EN 16147 \| Average Climate | |
|---|---|
| Declared load profile | M |
| Efficiency ηDHW | 118 % |
| COP | 2.77 |
| Heating up time | 1:35 h:min |
| Standby power input | 24.1 W |
| Reference hot water temperature | 53.1 °C |
| Mixed water at 40°C | 250 l |

| EN 16147 \| Warmer Climate | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 169 % |
| COP | 4.00 |
| Heating up time | 1:35 h:min |
| Standby power input | 28.9 W |
| Reference hot water temperature | 53.3 °C |
| Mixed water at 40°C | 279 l |

| 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 | 4.60 kW | 4.40 kW |
| El input | 0.88 kW | 1.49 kW |
| COP | 5.20 | 2.95 |

| EN 14511-2 \| Cooling |
|---|

| | +7°C/+12°C | +18°C/+23°C |
|---|---|---|
| El input | 1.25 kW | 1.12 kW |
| Cooling capacity | 4.50 | 6.00 |
| EER | 3.60 | 5.35 |

## EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 33 dB(A) | 33 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

## EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 177 % | 135 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 4.50 | 3.44 |
| Tbiv | -10 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.40 kW | 4.50 kW |
| COP Tj = -7°C | 3.18 | 2.15 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 2.70 kW | 2.70 kW |
| COP Tj = +2°C | 4.44 | 3.39 |
| Cdh Tj = +2 °C | 0.980 | 0.980 |
| Pdh Tj = +7°C | 1.75 kW | 1.74 kW |
| COP Tj = +7°C | 5.37 | 4.44 |
| Cdh Tj = +7 °C | 0.960 | 0.960 |
| Pdh Tj = 12°C | 2.70 kW | 2.10 kW |
| COP Tj = 12°C | 8.78 | 7.29 |
| Cdh Tj = +12 °C | 0.950 | 0.950 |
| Pdh Tj = Tbiv | 5.00 kW | 4.50 kW |
| COP Tj = Tbiv | 3.00 | 2.15 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 4.30 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.00 | 1.83 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 60 °C | 60 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.00 kW | 0.70 kW |
| Annual energy consumption Qhe | 2297 kWh | 3000 kWh |

## EN 14825 | Warmer Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 234 % | 163 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.94 | 4.16 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.00 kW | 5.00 kW |
| COP Tj = +2°C | 3.51 | 2.42 |
| Cdh Tj = +2 °C | 0.99 | 0.99 |
| Pdh Tj = +7°C | 3.30 kW | 3.30 kW |
| COP Tj = +7°C | 5.65 | 3.67 |
| Cdh Tj = +7 °C | 0.98 | 0.98 |
| Pdh Tj = 12°C | 2.10 kW | 1.90 kW |
| COP Tj = 12°C | 7.94 | 5.67 |
| Cdh Tj = +12 °C | 0.95 | 0.96 |
| Pdh Tj = Tbiv | 5.00 kW | 5.00 kW |
| COP Tj = Tbiv | 3.51 | 2.42 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 5.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.51 | 2.42 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| PTO | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1125 kWh | 1607 kWh |

| EN 14825 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| Pdesignc | 4.50 kW | 6.00 kW |
| SEER | 4.69 | 8.13 |
| Pdc Tj = 35°C | 4.50 kW | 6.00 kW |
| EER Tj = 35°C | 3.60 | 5.35 |
| Pdc Tj = 30°C | 3.32 kW | 4.50 kW |
| EER Tj = 30°C | 3.97 | 7.09 |
| Pdc Tj = 25°C | 2.30 kW | 2.80 kW |
| EER Tj = 25°C | 5.23 | 9.20 |
| Pdc Tj = 20°C | 1.85 kW | 2.85 kW |
| EER Tj = 20°C | 6.40 | 12.23 |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |

| | | |
|---|---|---|
| Annual energy consumption Qce | 576 kWh | 443 kWh |

| Model AWHPR 4 MR + MIV-S 4-8/EM R32 + HPSL180 EVO | |
|---|---|
| Model name | AWHPR 4 MR + MIV-S 4-8/EM R32 + HPSL180 EVO |
| Application | Heating + DHW + low temp |
| Units | Indoor, Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C |
| Any additional heat sources | n/a |

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

| Outdoor Air/Water<br>EN 16147 \| Average Climate | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 133 % |
| COP | 3.19 |
| Heating up time | 1:35 h:min |
| Standby power input | 26.6 W |
| Reference hot water temperature | 53.1 °C |
| Mixed water at 40°C | 250 l |

| EN 16147 \| Warmer Climate | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 169 % |
| COP | 4.00 |
| Heating up time | 1:35 h:min |
| Standby power input | 28.9 W |
| Reference hot water temperature | 53.3 °C |
| Mixed water at 40°C | 279 l |

| 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 | 4.60 kW | 4.40 kW |
| El input | 0.88 kW | 1.49 kW |
| COP | 5.20 | 2.95 |

| EN 14511-2 \| Cooling |
|---|

| | +7°C/+12°C | +18°C/+23°C |
|---|---|---|
| El input | 1.25 kW | 1.12 kW |
| Cooling capacity | 4.50 | 6.00 |
| EER | 3.60 | 5.35 |

## EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 33 dB(A) | 33 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

## EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 177 % | 135 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 4.50 | 3.44 |
| Tbiv | -10 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.40 kW | 4.50 kW |
| COP Tj = -7°C | 3.18 | 2.15 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 2.70 kW | 2.70 kW |
| COP Tj = +2°C | 4.44 | 3.39 |
| Cdh Tj = +2 °C | 0.980 | 0.980 |
| Pdh Tj = +7°C | 1.75 kW | 1.74 kW |
| COP Tj = +7°C | 5.37 | 4.44 |
| Cdh Tj = +7 °C | 0.960 | 0.960 |
| Pdh Tj = 12°C | 2.70 kW | 2.10 kW |
| COP Tj = 12°C | 8.78 | 7.29 |
| Cdh Tj = +12 °C | 0.950 | 0.950 |
| Pdh Tj = Tbiv | 5.00 kW | 4.50 kW |
| COP Tj = Tbiv | 3.00 | 2.15 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 4.30 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.00 | 1.83 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 60 °C | 60 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.00 kW | 0.70 kW |
| Annual energy consumption Qhe | 2297 kWh | 3000 kWh |

## EN 14825 | Warmer Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 234 % | 163 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.94 | 4.16 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.00 kW | 5.00 kW |
| COP Tj = +2°C | 3.51 | 2.42 |
| Cdh Tj = +2 °C | 0.99 | 0.99 |
| Pdh Tj = +7°C | 3.30 kW | 3.30 kW |
| COP Tj = +7°C | 5.65 | 3.67 |
| Cdh Tj = +7 °C | 0.98 | 0.98 |
| Pdh Tj = 12°C | 2.10 kW | 1.90 kW |
| COP Tj = 12°C | 7.94 | 5.67 |
| Cdh Tj = +12 °C | 0.95 | 0.96 |
| Pdh Tj = Tbiv | 5.00 kW | 5.00 kW |
| COP Tj = Tbiv | 3.51 | 2.42 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 5.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.51 | 2.42 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| PTO | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1125 kWh | 1607 kWh |

| EN 14825 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| Pdesignc | 4.50 kW | 6.00 kW |
| SEER | 4.69 | 8.13 |
| Pdc Tj = 35°C | 4.50 kW | 6.00 kW |
| EER Tj = 35°C | 3.60 | 5.35 |
| Pdc Tj = 30°C | 3.32 kW | 4.50 kW |
| EER Tj = 30°C | 3.97 | 7.09 |
| Pdc Tj = 25°C | 2.30 kW | 2.80 kW |
| EER Tj = 25°C | 5.23 | 9.20 |
| Pdc Tj = 20°C | 1.85 kW | 2.85 kW |
| EER Tj = 20°C | 6.40 | 12.23 |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |

| | | |
|---|---|---|
| Annual energy consumption Qce | 576 kWh | 443 kWh |

| Model AWHPR 4 MR + MIV-S 4-8/H R32 | |
|---|---|
| Model name | AWHPR 4 MR + MIV-S 4-8/H R32 |
| Application | Heating (medium temp) |
| Units | Indoor, Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C |
| Any additional heat sources | n/a |

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

| 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 | 4.60 kW | 4.40 kW |
| El input | 0.88 kW | 1.49 kW |
| COP | 5.20 | 2.95 |

| EN 14511-2 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| El input | 1.25 kW | 1.12 kW |
| Cooling capacity | 4.50 | 6.00 |
| EER | 3.60 | 5.35 |

| EN 12102-1 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Sound power level indoor | 33 dB(A) | 33 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 177 % | 135 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 4.50 | 3.44 |
| Tbiv | -10 °C | -7 °C |

| | | |
|---|---|---|
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.40 kW | 4.50 kW |
| COP Tj = -7°C | 3.18 | 2.15 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 2.70 kW | 2.70 kW |
| COP Tj = +2°C | 4.44 | 3.39 |
| Cdh Tj = +2 °C | 0.980 | 0.980 |
| Pdh Tj = +7°C | 1.75 kW | 1.74 kW |
| COP Tj = +7°C | 5.37 | 4.44 |
| Cdh Tj = +7 °C | 0.960 | 0.960 |
| Pdh Tj = 12°C | 2.70 kW | 2.10 kW |
| COP Tj = 12°C | 8.78 | 7.29 |
| Cdh Tj = +12 °C | 0.950 | 0.950 |
| Pdh Tj = Tbiv | 5.00 kW | 4.50 kW |
| COP Tj = Tbiv | 3.00 | 2.15 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 4.30 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.00 | 1.83 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 60 °C | 60 °C |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | n/a | n/a |
| Supplementary Heater: PSUP | 0.00 kW | 0.70 kW |
| Annual energy consumption Qhe | 2297 kWh | 3000 kWh |

| EN 14825 \| Warmer Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 234 % | 163 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.94 | 4.16 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.00 kW | 5.00 kW |
| COP Tj = +2°C | 3.51 | 2.42 |
| Cdh Tj = +2 °C | 0.99 | 0.99 |
| Pdh Tj = +7°C | 3.30 kW | 3.30 kW |
| COP Tj = +7°C | 5.65 | 3.67 |
| Cdh Tj = +7 °C | 0.98 | 0.98 |
| Pdh Tj = 12°C | 2.10 kW | 1.90 kW |
| COP Tj = 12°C | 7.94 | 5.67 |
| Cdh Tj = +12 °C | 0.95 | 0.96 |

| | | |
|---|---|---|
| Pdh Tj = Tbiv | 5.00 kW | 5.00 kW |
| COP Tj = Tbiv | 3.51 | 2.42 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.00 kW | 5.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.51 | 2.42 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 | 0.99 |
| WTOL | 60 °C | 60 °C |
| Poff | 15 W | 15 W |
| PTO | 15 W | 15 W |
| PSB | 15 W | 15 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1125 kWh | 1607 kWh |

| EN 14825 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| Pdesignc | 4.50 kW | 6.00 kW |
| SEER | 4.69 | 8.13 |
| Pdc Tj = 35°C | 4.50 kW | 6.00 kW |
| EER Tj = 35°C | 3.60 | 5.35 |
| Pdc Tj = 30°C | 3.32 kW | 4.50 kW |
| EER Tj = 30°C | 3.97 | 7.09 |
| Pdc Tj = 25°C | 2.30 kW | 2.80 kW |
| EER Tj = 25°C | 5.23 | 9.20 |
| Pdc Tj = 20°C | 1.85 kW | 2.85 kW |
| EER Tj = 20°C | 6.40 | 12.23 |
| Poff | 12 W | 12 W |
| PTO | 12 W | 12 W |
| PSB | 12 W | 12 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 576 kWh | 443 kWh |