Login

| Summary of | 30. Yutaki S (N1) & S Combi (NW1) 220L 4HP R410A | Reg. No. | 041-K002-51 |
|---|---|---|---|
| Certificate Holder | | | |
| Name | Johnson Controls-Hitachi AirConditioning Spain | | |
| Address | Ronda Shimizu, 1. Pol. Ind. Can Torrella | Zip | 08233 |
| City | Vacarisses, Barcelona | Country | Spain |
| Certification Body | BRE Global Limited | | |
| Subtype title | 30. Yutaki S (N1) & S Combi (NW1) 220L 4HP R410A | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 3.3 kg | | |
| Certification Date | 08.02.2022 | | |
| Testing basis | Heat Pump Keymark Scheme Rules Rev 09 | | |

# Model: 03. RAS-4WHVNPE RWD-4.0NW1E-220S - Heating Only

| Configure model | |
|---|---|
| Model name | 03. RAS-4WHVNPE RWD-4.0NW1E-220S - Heating Only |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 11.00 kW | 11.00 kW |
| El input | 2.20 kW | 3.67 kW |
| COP | 5.00 | 3.00 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 181 % | 135 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.60 | 3.45 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.45 kW | 8.60 kW |
| COP Tj = -7°C | 3.05 | 1.80 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 5.75 kW | 5.23 kW |
| COP Tj = +2°C | 4.50 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.70 kW | 3.52 kW |
| COP Tj = +7°C | 6.00 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

| | | |
|---|---|---|
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.50 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 9.45 kW | 8.60 kW |
| COP Tj = Tbiv | 3.05 | 1.80 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 7.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.65 | 1.70 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 55 °C | 55 °C |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.50 kW | 2.60 kW |
| Annual energy consumption Qhe | 4801 kWh | 5815 kWh |

## Domestic Hot Water (DHW)

## Average Climate

## EN 16147

| | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 127 % |
| COP | 3.10 |
| Heating up time | 1:05 h:min |
| Standby power input | 34.0 W |
| Reference hot water temperature | 52.6 °C |
| Mixed water at 40°C | 288 l |

# Model: 04. RAS-4WHVNPE RWD-4.0NW1E-220S - with cooling kit

| Configure model | |
|---|---|
| Model name | 04. RAS-4WHVNPE RWD-4.0NW1E-220S - with cooling kit |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C and +18°C/+23°C |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 11.00 kW | 11.00 kW |
| El input | 2.20 kW | 3.67 kW |
| COP | 5.00 | 3.00 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 183 % | 136 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.64 | 3.45 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.45 kW | 8.60 kW |
| COP Tj = -7°C | 3.05 | 1.80 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 5.75 kW | 5.23 kW |
| COP Tj = +2°C | 4.50 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.70 kW | 3.52 kW |
| COP Tj = +7°C | 6.00 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

| | | |
|---|---|---|
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.50 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 9.45 kW | 8.60 kW |
| COP Tj = Tbiv | 3.05 | 1.80 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 7.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.65 | 1.70 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 55 °C | 55 °C |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.50 kW | 2.60 kW |
| Annual energy consumption Qhe | 4753 kWh | 5767 kWh |

## Cooling

## EN 14511-2

| | +7°C/+12°C | +18°C/+23°C |
|---|---|---|
| El input | 1.87 kW | 2.31 kW |
| Cooling capacity | 7.20 | 10.40 |
| EER | 3.84 | 4.50 |

## EN 14825

| | **+7°C/+12°C** | **+18°C/+23°C** |
|---|---|---|
| Pdesignc | 7.20 kW | 10.40 kW |
| SEER | 5.13 | 6.36 |
| Pdc Tj = 35°C | 7.20 kW | 10.40 kW |
| EER Tj = 35°C | 3.84 | 4.50 |
| Pdc Tj = 30°C | 5.30 kW | 7.66 kW |
| EER Tj = 30°C | 4.60 | 6.30 |
| Cdc | 0.900 | 0.900 |
| Pdc Tj = 25°C | 3.50 kW | 4.93 kW |
| EER Tj = 25°C | 5.80 | 7.20 |
| Cdc | 0.900 | 0.900 |
| Pdc Tj = 20°C | 3.60 kW | 5.10 kW |
| EER Tj = 20°C | 7.50 | 8.20 |
| Cdc | 0.900 | 0.900 |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 491 kWh | 572 kWh |

## Domestic Hot Water (DHW)

## Average Climate

## EN 16147

| | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 127 % |
| COP | 3.10 |
| Heating up time | 1:05 h:min |
| Standby power input | 34.0 W |
| Reference hot water temperature | 52.6 °C |
| Mixed water at 40°C | 288 l |

# Model: 05. RAS-4WHVNPE RWD-4.0NW1E-220S-K – UK Version - Heating Only

| Configure model | |
|---|---|
| Model name | 05. RAS-4WHVNPE RWD-4.0NW1E-220S-K – UK Version - Heating Only |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 11.00 kW | 11.00 kW |
| El input | 2.20 kW | 3.67 kW |
| COP | 5.00 | 3.00 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 181 % | 135 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.60 | 3.45 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.45 kW | 8.60 kW |
| COP Tj = -7°C | 3.05 | 1.80 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 5.75 kW | 5.23 kW |
| COP Tj = +2°C | 4.50 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.70 kW | 3.52 kW |
| COP Tj = +7°C | 6.00 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

| | | |
|---|---|---|
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.50 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 9.45 kW | 8.60 kW |
| COP Tj = Tbiv | 3.05 | 1.80 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 7.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.65 | 1.70 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 55 °C | 55 °C |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.50 kW | 2.60 kW |
| Annual energy consumption Qhe | 4801 kWh | 5815 kWh |

## Domestic Hot Water (DHW)

## Average Climate

## EN 16147

| | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 127 % |
| COP | 3.10 |
| Heating up time | 1:05 h:min |
| Standby power input | 34.0 W |
| Reference hot water temperature | 52.6 °C |
| Mixed water at 40°C | 288 l |

# Model: 06. RAS-4WHVNPE RWD-4.0NW1E-220S-K – UK Version - with cooling kit

| Configure model | |
|---|---|
| Model name | 06. RAS-4WHVNPE RWD-4.0NW1E-220S-K – UK Version - with cooling kit |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C and +18°C/+23°C |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 11.00 kW | 11.00 kW |
| El input | 2.20 kW | 3.67 kW |
| COP | 5.00 | 3.00 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 183 % | 136 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.64 | 3.45 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.45 kW | 8.60 kW |
| COP Tj = -7°C | 3.05 | 1.80 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 5.75 kW | 5.23 kW |
| COP Tj = +2°C | 4.50 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.70 kW | 3.52 kW |
| COP Tj = +7°C | 6.00 | 4.80 |

| | | |
|---|---|---|
| Cdh Tj = +7 °C | 0.900 | 0.900 |
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.50 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 9.45 kW | 8.60 kW |
| COP Tj = Tbiv | 3.05 | 1.80 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 7.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.65 | 1.70 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 55 °C | 55 °C |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.50 kW | 2.60 kW |
| Annual energy consumption Qhe | 4753 kWh | 5767 kWh |

## Cooling

## EN 14511-2

| | +7°C/+12°C | +18°C/+23°C |
|---|---|---|
| El input | 1.87 kW | 2.31 kW |
| Cooling capacity | 7.20 | 10.40 |
| EER | 3.84 | 4.50 |

## EN 14825

| | **+7°C/+12°C** | **+18°C/+23°C** |
|---|---|---|
| Pdesignc | 7.20 kW | 10.40 kW |
| SEER | 5.13 | 6.36 |
| Pdc Tj = 35°C | 7.20 kW | 10.40 kW |
| EER Tj = 35°C | 3.84 | 4.50 |
| Pdc Tj = 30°C | 5.30 kW | 7.66 kW |
| EER Tj = 30°C | 4.60 | 6.30 |
| Cdc | 0.900 | 0.900 |
| Pdc Tj = 25°C | 3.50 kW | 4.93 kW |
| EER Tj = 25°C | 5.80 | 7.20 |
| Cdc | 0.900 | 0.900 |
| Pdc Tj = 20°C | 3.60 kW | 5.10 kW |
| EER Tj = 20°C | 7.50 | 8.20 |
| Cdc | 0.900 | 0.900 |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 491 kWh | 572 kWh |

## Domestic Hot Water (DHW)

## Average Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 127 % |
| COP | 3.10 |
| Heating up time | 1:05 h:min |
| Standby power input | 34.0 W |
| Reference hot water temperature | 52.6 °C |
| Mixed water at 40°C | 288 l |

# Model: 01. RAS-4WHVNPE RWM-4.0N1E - Heating Only

| Configure model | |
|---|---|
| Model name | 01. RAS-4WHVNPE RWM-4.0N1E - Heating Only |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 11.00 kW | 11.00 kW |
| El input | 2.20 kW | 3.67 kW |
| COP | 5.00 | 3.00 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 181 % | 135 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.60 | 3.45 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.45 kW | 8.60 kW |
| COP Tj = -7°C | 3.05 | 1.80 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 5.75 kW | 5.23 kW |
| COP Tj = +2°C | 4.50 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.70 kW | 3.52 kW |
| COP Tj = +7°C | 6.00 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

| | | |
|---|---|---|
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.50 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 9.45 kW | 8.60 kW |
| COP Tj = Tbiv | 3.05 | 1.80 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 7.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.65 | 1.70 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 55 °C | 55 °C |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.50 kW | 2.60 kW |
| Annual energy consumption Qhe | 4801 kWh | 5815 kWh |

# Model: 02. RAS-4WHVNPE RWM-4.0N1E - with cooling kit

| Configure model | |
|---|---|
| Model name | 02. RAS-4WHVNPE RWM-4.0N1E - with cooling kit |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C and +18°C/+23°C |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 11.00 kW | 11.00 kW |
| El input | 2.20 kW | 3.67 kW |
| COP | 5.00 | 3.00 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 183 % | 136 % |
| Prated | 11.00 kW | 10.00 kW |
| SCOP | 4.64 | 3.45 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.45 kW | 8.60 kW |
| COP Tj = -7°C | 3.05 | 1.80 |
| Cdh Tj = -7 °C | 0.900 | 0.900 |
| Pdh Tj = +2°C | 5.75 kW | 5.23 kW |
| COP Tj = +2°C | 4.50 | 3.60 |
| Cdh Tj = +2 °C | 0.900 | 0.900 |
| Pdh Tj = +7°C | 3.70 kW | 3.52 kW |
| COP Tj = +7°C | 6.00 | 4.80 |
| Cdh Tj = +7 °C | 0.900 | 0.900 |

| | | |
|---|---|---|
| Pdh Tj = 12°C | 3.70 kW | 3.60 kW |
| COP Tj = 12°C | 7.50 | 5.80 |
| Cdh Tj = +12 °C | 0.900 | 0.900 |
| Pdh Tj = Tbiv | 9.45 kW | 8.60 kW |
| COP Tj = Tbiv | 3.05 | 1.80 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW | 7.40 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.65 | 1.70 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900 | 0.900 |
| WTOL | 55 °C | 55 °C |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.50 kW | 2.60 kW |
| Annual energy consumption Qhe | 4753 kWh | 5767 kWh |

## Cooling

## EN 14511-2

| | +7°C/+12°C | +18°C/+23°C |
|---|---|---|
| El input | 1.87 kW | 2.31 kW |
| Cooling capacity | 7.20 | 10.40 |
| EER | 3.84 | 4.50 |

## EN 14825

| | **+7°C/+12°C** | **+18°C/+23°C** |
|---|---|---|
| Pdesignc | 7.20 kW | 10.40 kW |
| SEER | 5.13 | 6.36 |
| Pdc Tj = 35°C | 7.20 kW | 10.40 kW |
| EER Tj = 35°C | 3.84 | 4.50 |
| Pdc Tj = 30°C | 5.30 kW | 7.66 kW |
| EER Tj = 30°C | 4.60 | 6.30 |
| Cdc | 0.900 | 0.900 |
| Pdc Tj = 25°C | 3.50 kW | 4.93 kW |
| EER Tj = 25°C | 5.80 | 7.20 |
| Cdc | 0.900 | 0.900 |
| Pdc Tj = 20°C | 3.60 kW | 5.10 kW |
| EER Tj = 20°C | 7.50 | 8.20 |
| Cdc | 0.900 | 0.900 |
| Poff | 13 W | 13 W |
| PTO | 0 W | 0 W |
| PSB | 13 W | 13 W |
| PCK | 0 W | 0 W |
| Annual energy consumption Qce | 491 kWh | 572 kWh |