

## Subtype KITA LP 26-28-32-35 R290

|                     |                          |
|---------------------|--------------------------|
| Certificate Holder  | Templari S.p.A.          |
| Address             | Via C. Battisti, n° 169  |
| ZIP                 | 35031                    |
| City                | Abano Terme (PD)         |
| Country             | IT                       |
| Certification Body  | ICIM S.p.A.              |
| Subtype title       | KITA LP 26-28-32-35 R290 |
| Registration number | ICIM-PDC-000218          |
| Heat Pump Type      | Outdoor Air/Water        |
| Refrigerant         | R290                     |
| Mass of Refrigerant | 3.5 kg                   |
| Certification Date  | 02.11.2023               |

## Model Unità esterna KITA-LP-26, 3Ph, vers. MONOBLOCCO R-290

|                                     |   |
|-------------------------------------|---|
| Model name                          | Unità esterna KITA-LP-26, 3Ph, vers. MONOBLOCCO R-290 |
| Application                         | Heating (medium temp)                                 |
| Units                               | Outdoor   |
| Climate zone (for heating)          | Colder, Colder Climate                                |
| Reversibility                       | Yes   |
| Cooling mode application (optional) | n/a   |
| Any additional heat sources         | n/a   |

## General data

|                  |             |
|------------------|-------------|
| Power supply     | 3x400V 50Hz |
| Off-peak product | n/a         |

## Outdoor Air/Water

## EN 14511-2 | Heating

|             | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 26.18 kW        | 24.73 kW           |
| El input    | 5.16 kW         | 7.25 kW            |
| COP         | 5.08            | 3.41               |

## EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

## EN 14825 | Average Climate

|                 | Low temperature | Medium temperature |
|-----------------|-----------------|--------------------|
| $\eta_s$        | 218 %           | 163 %              |
| Prated          | 22.02 kW        | 21.17 kW           |
| SCOP            | 5.51            | 4.15               |
| Tbiv            | -7 °C           | -7 °C              |
| TOL             | -10 °C          | -10 °C             |
| Pdh Tj = -7°C   | 19.48 kW        | 18.73 kW           |
| COP Tj = -7°C   | 3.43            | 2.42               |
| Cdh Tj = -7 °C  | 0.900           | 0.900              |
| Pdh Tj = +2°C   | 11.86 kW        | 11.40 kW           |
| COP Tj = +2°C   | 5.48            | 4.16               |
| Cdh Tj = +2 °C  | 0.900           | 0.900              |
| Pdh Tj = +7°C   | 9.87 kW         | 9.47 kW            |
| COP Tj = +7°C   | 7.24            | 5.54               |
| Cdh Tj = +7 °C  | 0.900           | 0.900              |
| Pdh Tj = 12°C   | 9.51 kW         | 9.24 kW            |
| COP Tj = 12°C   | 10.33           | 8.13               |
| Cdh Tj = +12 °C | 0.900           | 0.900              |
| Pdh Tj = Tbiv   | 19.48 kW        | 18.73 kW           |
| COP Tj = Tbiv   | 3.43            | 2.42               |

|   |             |             |
|---|-------------|-------------|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 19.08 kW    | 17.35 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.12        | 2.14        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900       | 0.900       |
| WTOL  | 65 °C       | 65 °C       |
| Poff  | 24 W        | 24 W        |
| PTO   | 31 W        | 31 W        |
| PSB   | 24 W        | 24 W        |
| PCK   | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 3.10 kW     | 3.60 kW     |
| Annual energy consumption Qhe                       | 8251 kWh    | 10546 kWh   |

#### EN 12102-1 | Colder Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

#### EN 14825 | Colder Climate

|   | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| ηs  | 185 %           | 139 %              |
| Prated  | 19.57 kW        | 19.01 kW           |
| SCOP  | 4.70            | 3.54               |
| Tbiv  | -15 °C          | -15 °C             |
| TOL   | -22 °C          | -22 °C             |
| Pdh Tj = -7°C                                       | 11.79 kW        | 11.51 kW           |
| COP Tj = -7°C                                       | 4.05            | 2.80               |
| Cdh Tj = -7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +2°C                                       | 11.13 kW        | 10.74 kW           |
| COP Tj = +2°C                                       | 5.92            | 4.69               |
| Cdh Tj = +2 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +7°C                                       | 9.95 kW         | 9.66 kW            |
| COP Tj = +7°C                                       | 7.90            | 6.23               |
| Cdh Tj = +7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = 12°C                                       | 9.51 kW         | 9.47 kW            |
| COP Tj = 12°C                                       | 10.33           | 8.93               |
| Cdh Tj = +12 °C                                     | 0.900           | 0.900              |
| Pdh Tj = Tbiv                                       | 15.96 kW        | 15.51 kW           |
| COP Tj = Tbiv                                       | 2.94            | 2.12               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 13.11 kW        | 12.74 kW           |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.30            | 1.57               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900           | 0.900              |

|  |             |             |
|--|-------------|-------------|
| WTOL                                       | 65 °C       | 65 °C       |
| Poff                                       | 24 W        | 24 W        |
| PTO  | 31 W        | 31 W        |
| PSB  | 24 W        | 24 W        |
| PCK  | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP                 | 6.00 kW     | 6.00 kW     |
| Annual energy consumption Qhe              | 10261 kWh   | 13224 kWh   |
| Pdh Tj = -15°C (if TOL                     | 15.96       | 15.51       |
| COP Tj = -15°C (if TOL                     | 2.94        | 2.12        |
| Cdh Tj = -15 °C                            | 0.900       | 0.900       |

## Model Unità esterna KITA-LP-28, 3Ph, vers. MONOBLOCCO R-290

|                                     |   |
|-------------------------------------|---|
| Model name                          | Unità esterna KITA-LP-28, 3Ph, vers. MONOBLOCCO R-290 |
| Application                         | Heating (medium temp)                                 |
| Units                               | Outdoor   |
| Climate zone (for heating)          | Colder, Colder Climate                                |
| Reversibility                       | Yes   |
| Cooling mode application (optional) | n/a   |
| Any additional heat sources         | n/a   |

## General data

|                  |             |
|------------------|-------------|
| Power supply     | 3x400V 50Hz |
| Off-peak product | n/a         |

## Outdoor Air/Water

## EN 14511-2 | Heating

|             | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 28.11 kW        | 26.59 kW           |
| El input    | 5.99 kW         | 8.44 kW            |
| COP         | 4.69            | 3.15               |

## EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

## EN 14825 | Average Climate

|                 | Low temperature | Medium temperature |
|-----------------|-----------------|--------------------|
| $\eta_s$        | 216 %           | 162 %              |
| Prated          | 23.67 kW        | 22.80 kW           |
| SCOP            | 5.46            | 4.13               |
| Tbiv            | -7 °C           | -7 °C              |
| TOL             | -10 °C          | -10 °C             |
| Pdh Tj = -7°C   | 20.94 kW        | 20.17 kW           |
| COP Tj = -7°C   | 3.36            | 2.36               |
| Cdh Tj = -7 °C  | 0.900           | 0.900              |
| Pdh Tj = +2°C   | 12.74 kW        | 12.28 kW           |
| COP Tj = +2°C   | 5.41            | 4.14               |
| Cdh Tj = +2 °C  | 0.900           | 0.900              |
| Pdh Tj = +7°C   | 9.87 kW         | 9.47 kW            |
| COP Tj = +7°C   | 7.26            | 5.55               |
| Cdh Tj = +7 °C  | 0.900           | 0.900              |
| Pdh Tj = 12°C   | 9.50 kW         | 9.24 kW            |
| COP Tj = 12°C   | 10.30           | 8.12               |
| Cdh Tj = +12 °C | 0.900           | 0.900              |
| Pdh Tj = Tbiv   | 20.94 kW        | 20.17 kW           |
| COP Tj = Tbiv   | 3.36            | 2.36               |

|   |             |             |
|---|-------------|-------------|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 19.35 kW    | 18.70 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.06        | 2.09        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900       | 0.900       |
| WTOL  | 65 °C       | 65 °C       |
| Poff  | 24 W        | 24 W        |
| PTO   | 31 W        | 31 W        |
| PSB   | 24 W        | 24 W        |
| PCK   | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 4.00 kW     | 4.00 kW     |
| Annual energy consumption Qhe                       | 8949 kWh    | 11400 kWh   |

#### EN 12102-1 | Colder Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

#### EN 14825 | Colder Climate

|   | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| $\eta_s$  | 185 %           | 143 %              |
| Prated  | 21.05 kW        | 20.53 kW           |
| SCOP  | 4.71            | 3.66               |
| Tbiv  | -15 °C          | -15 °C             |
| TOL   | -22 °C          | -22 °C             |
| Pdh Tj = -7°C                                       | 12.74 kW        | 12.43 kW           |
| COP Tj = -7°C                                       | 4.03            | 3.06               |
| Cdh Tj = -7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +2°C                                       | 11.13 kW        | 10.74 kW           |
| COP Tj = +2°C                                       | 5.92            | 4.69               |
| Cdh Tj = +2 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +7°C                                       | 9.95 kW         | 9.66 kW            |
| COP Tj = +7°C                                       | 7.74            | 6.22               |
| Cdh Tj = +7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = 12°C                                       | 9.50 kW         | 9.33 kW            |
| COP Tj = 12°C                                       | 10.30           | 8.77               |
| Cdh Tj = +12 °C                                     | 0.900           | 0.900              |
| Pdh Tj = Tbiv                                       | 17.17 kW        | 16.75 kW           |
| COP Tj = Tbiv                                       | 2.90            | 2.08               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 14.16 kW        | 13.83 kW           |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.27            | 1.55               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900           | 0.900              |

|  |             |             |
|--|-------------|-------------|
| WTOL                                       | 65 °C       | 65 °C       |
| Poff                                       | 24 W        | 24 W        |
| PTO  | 31 W        | 31 W        |
| PSB  | 24 W        | 24 W        |
| PCK  | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP                 | 6.50 kW     | 6.50 kW     |
| Annual energy consumption Qhe              | 11027 kWh   | 13844 kWh   |
| Pdh Tj = -15°C (if TOL                     | 17.17       | 16.75       |
| COP Tj = -15°C (if TOL                     | 2.90        | 2.08        |
| Cdh Tj = -15 °C                            | 0.900       | 0.900       |

## Model Unità esterna KITA-LP-32, 3Ph, vers. MONOBLOCCO R-290

|                                     |   |
|-------------------------------------|---|
| Model name                          | Unità esterna KITA-LP-32, 3Ph, vers. MONOBLOCCO R-290 |
| Application                         | Heating (medium temp)                                 |
| Units                               | Outdoor   |
| Climate zone (for heating)          | Colder, Colder Climate                                |
| Reversibility                       | Yes   |
| Cooling mode application (optional) | n/a   |
| Any additional heat sources         | n/a   |

## General data

|                  |             |
|------------------|-------------|
| Power supply     | 3x400V 50Hz |
| Off-peak product | n/a         |

## Outdoor Air/Water

## EN 14511-2 | Heating

|             | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 32.22 kW        | 30.38 kW           |
| El input    | 7.14 kW         | 10.09 kW           |
| COP         | 4.51            | 3.01               |

## EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

## EN 14825 | Average Climate

|                 | Low temperature | Medium temperature |
|-----------------|-----------------|--------------------|
| $\eta_s$        | 205 %           | 157 %              |
| Prated          | 27.26 kW        | 26.28 kW           |
| SCOP            | 5.22            | 4.00               |
| Tbiv            | -7 °C           | -7 °C              |
| TOL             | -10 °C          | -10 °C             |
| Pdh Tj = -7°C   | 24.12 kW        | 23.25 kW           |
| COP Tj = -7°C   | 3.21            | 2.27               |
| Cdh Tj = -7 °C  | 0.900           | 0.900              |
| Pdh Tj = +2°C   | 14.68 kW        | 14.15 kW           |
| COP Tj = +2°C   | 5.14            | 3.99               |
| Cdh Tj = +2 °C  | 0.900           | 0.900              |
| Pdh Tj = +7°C   | 9.44 kW         | 9.55 kW            |
| COP Tj = +7°C   | 6.87            | 5.31               |
| Cdh Tj = +7 °C  | 0.900           | 0.900              |
| Pdh Tj = 12°C   | 9.60 kW         | 9.30 kW            |
| COP Tj = 12°C   | 9.45            | 7.78               |
| Cdh Tj = +12 °C | 0.900           | 0.900              |
| Pdh Tj = Tbiv   | 24.12 kW        | 23.25 kW           |
| COP Tj = Tbiv   | 3.21            | 2.27               |

|   |             |             |
|---|-------------|-------------|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 22.33 kW    | 21.55 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.93        | 2.00        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900       | 0.900       |
| WTOL  | 65 °C       | 65 °C       |
| Poff  | 24 W        | 24 W        |
| PTO   | 31 W        | 31 W        |
| PSB   | 24 W        | 24 W        |
| PCK   | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 4.60 kW     | 4.60 kW     |
| Annual energy consumption Qhe                       | 10791 kWh   | 13575 kWh   |

#### EN 12102-1 | Colder Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

#### EN 14825 | Colder Climate

|   | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| ηs  | 180 %           | 141 %              |
| Prated  | 24.31 kW        | 23.69 kW           |
| SCOP  | 4.56            | 3.60               |
| Tbiv  | -15 °C          | -15 °C             |
| TOL   | -22 °C          | -22 °C             |
| Pdh Tj = -7°C                                       | 14.71 kW        | 14.34 kW           |
| COP Tj = -7°C                                       | 3.87            | 2.99               |
| Cdh Tj = -7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +2°C                                       | 11.27 kW        | 10.83 kW           |
| COP Tj = +2°C                                       | 5.69            | 4.59               |
| Cdh Tj = +2 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +7°C                                       | 10.05 kW        | 9.73 kW            |
| COP Tj = +7°C                                       | 7.34            | 6.04               |
| Cdh Tj = +7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = 12°C                                       | 9.60 kW         | 9.40 kW            |
| COP Tj = 12°C                                       | 9.45            | 8.39               |
| Cdh Tj = +12 °C                                     | 0.900           | 0.900              |
| Pdh Tj = Tbiv                                       | 19.83 kW        | 19.32 kW           |
| COP Tj = Tbiv                                       | 2.79            | 1.99               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 16.39 kW        | 16.02 kW           |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.19            | 1.49               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900           | 0.900              |

|  |             |             |
|--|-------------|-------------|
| WTOL                                       | 65 °C       | 65 °C       |
| Poff                                       | 24 W        | 24 W        |
| PTO  | 31 W        | 31 W        |
| PSB  | 24 W        | 24 W        |
| PCK  | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP                 | 7.50 kW     | 7.50 kW     |
| Annual energy consumption Qhe              | 13136 kWh   | 16239 kWh   |
| Pdh Tj = -15°C (if TOL                     | 19.83       | 19.32       |
| COP Tj = -15°C (if TOL                     | 2.79        | 1.99        |
| Cdh Tj = -15 °C                            | 0.900       | 0.900       |

## Model Unità esterna KITA-LP-35, 3Ph, vers. MONOBLOCCO R-290

|                                     |   |
|-------------------------------------|---|
| Model name                          | Unità esterna KITA-LP-35, 3Ph, vers. MONOBLOCCO R-290 |
| Application                         | Heating (medium temp)                                 |
| Units                               | Outdoor   |
| Climate zone (for heating)          | Colder, Colder Climate                                |
| Reversibility                       | Yes   |
| Cooling mode application (optional) | n/a   |
| Any additional heat sources         | n/a   |

## General data

|                  |             |
|------------------|-------------|
| Power supply     | 3x400V 50Hz |
| Off-peak product | n/a         |

## Outdoor Air/Water

## EN 14511-2 | Heating

|             | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 35.00 kW        | 33.13 kW           |
| El input    | 7.97 kW         | 11.42 kW           |
| COP         | 4.39            | 2.90               |

## EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

## EN 14825 | Average Climate

|                 | Low temperature | Medium temperature |
|-----------------|-----------------|--------------------|
| $\eta_s$        | 205 %           | 158 %              |
| Prated          | 29.75 kW        | 28.70 kW           |
| SCOP            | 5.20            | 4.03               |
| Tbiv            | -7 °C           | -7 °C              |
| TOL             | -10 °C          | -10 °C             |
| Pdh Tj = -7°C   | 26.32 kW        | 25.39 kW           |
| COP Tj = -7°C   | 3.16            | 2.20               |
| Cdh Tj = -7 °C  | 0.900           | 0.900              |
| Pdh Tj = +2°C   | 16.02 kW        | 15.45 kW           |
| COP Tj = +2°C   | 5.10            | 3.98               |
| Cdh Tj = +2 °C  | 0.900           | 0.900              |
| Pdh Tj = +7°C   | 10.30 kW        | 9.93 kW            |
| COP Tj = +7°C   | 6.85            | 5.64               |
| Cdh Tj = +7 °C  | 0.900           | 0.900              |
| Pdh Tj = 12°C   | 9.57 kW         | 9.30 kW            |
| COP Tj = 12°C   | 9.77            | 7.75               |
| Cdh Tj = +12 °C | 0.900           | 0.900              |
| Pdh Tj = Tbiv   | 26.32 kW        | 25.39 kW           |
| COP Tj = Tbiv   | 3.16            | 2.20               |

|   |             |             |
|---|-------------|-------------|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 24.36 kW    | 23.59 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.87        | 1.95        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900       | 0.900       |
| WTOL  | 65 °C       | 65 °C       |
| Poff  | 24 W        | 24 W        |
| PTO   | 31 W        | 31 W        |
| PSB   | 24 W        | 24 W        |
| PCK   | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 5.00 kW     | 5.00 kW     |
| Annual energy consumption Qhe                       | 11827 kWh   | 14772 kWh   |

#### EN 12102-1 | Colder Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A)        | 61 dB(A)           |

#### EN 14825 | Colder Climate

|   | Low temperature | Medium temperature |
|---|-----------------|--------------------|
| ηs  | 182 %           | 141 %              |
| Prated  | 26.53 kW        | 25.96 kW           |
| SCOP  | 4.62            | 3.60               |
| Tbiv  | -15 °C          | -15 °C             |
| TOL   | -22 °C          | -22 °C             |
| Pdh Tj = -7°C                                       | 16.06 kW        | 15.71 kW           |
| COP Tj = -7°C                                       | 3.86            | 2.94               |
| Cdh Tj = -7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +2°C                                       | 11.24 kW        | 10.83 kW           |
| COP Tj = +2°C                                       | 5.79            | 4.59               |
| Cdh Tj = +2 °C                                      | 0.900           | 0.900              |
| Pdh Tj = +7°C                                       | 10.03 kW        | 9.73 kW            |
| COP Tj = +7°C                                       | 7.49            | 6.40               |
| Cdh Tj = +7 °C                                      | 0.900           | 0.900              |
| Pdh Tj = 12°C                                       | 9.57 kW         | 9.40 kW            |
| COP Tj = 12°C                                       | 9.77            | 8.37               |
| Cdh Tj = +12 °C                                     | 0.900           | 0.900              |
| Pdh Tj = Tbiv                                       | 21.65 kW        | 21.18 kW           |
| COP Tj = Tbiv                                       | 2.74            | 1.93               |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 17.99 kW        | 17.70 kW           |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.17            | 1.46               |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.900           | 0.900              |

|  |             |             |
|--|-------------|-------------|
| WTOL                                       | 65 °C       | 65 °C       |
| Poff                                       | 24 W        | 24 W        |
| PTO  | 31 W        | 31 W        |
| PSB  | 24 W        | 24 W        |
| PCK  | 35 W        | 35 W        |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP                 | 8.00 kW     | 8.00 kW     |
| Annual energy consumption Qhe              | 14156 kWh   | 17781 kWh   |
| Pdh Tj = -15°C (if TOL                     | 21.65       | 21.18       |
| COP Tj = -15°C (if TOL                     | 2.74        | 1.93        |
| Cdh Tj = -15 °C                            | 0.900       | 0.900       |