

Subtype Ecodan Power Inverter 12-300D

|                     |   |
|---------------------|---|
| Certificate Holder  | Mitsubishi Electric Air Conditioning Systems Europe LTD                           |
| Address             | Nettlehill Road, Houston Industrial Estate  |
| ZIP                 | EH54 5EQ  |
| City                | Livingston  |
| Country             | GB  |
| Certification Body  | SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise) |
| Subtype title       | Ecodan Power Inverter 12-300D   |
| Registration number | 037-0013-20   |
| Heat Pump Type      | Outdoor Air/Water   |
| Refrigerant         | R410A   |
| Mass of Refrigerant | 4.6 kg  |
| Certification Date  | 14.02.2020  |
| Testing basis       | HP Keymark scheme rules rev. no. 6  |
| Testing laboratory  | SZU Brno, CZ  |

**Model PUHZ-SW120VHA + EHST30C-M\*D**

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model name                          | PUHZ-SW120VHA + EHST30C-M*D |
| Application                         | Heating + DHW + low temp    |
| Units                               | Indoor, Outdoor             |
| Climate zone (for heating)          | n/a                         |
| Cooling mode application (optional) | n/a                         |
| Any additional heat sources         | n/a                         |

**General data**

|                  |             |
|------------------|-------------|
| Power supply     | 1x230V 50Hz |
| Off-peak product | n/a         |

**Outdoor Air/Water****EN 16147 | Average Climate**

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | XL          |
| Efficiency $\eta_{DHW}$         | 118 %       |
| COP                             | 2.84        |
| Heating up time                 | 02:12 h:min |
| Standby power input             | 43.0 W      |
| Reference hot water temperature | 52.5 °C     |
| Mixed water at 40°C             | 417 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 | 16.00 kW        | 15.20 kW           |
| El input    | 3.90 kW         | 6.03 kW            |
| COP         | 4.10            | 2.52               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 72 dB(A)        | 72 dB(A)           |

**EN 14825 | Average Climate**

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 162 %           | 125 %              |
| Prated   | 12.90 kW        | 12.10 kW           |

|   |             |             |
|---|-------------|-------------|
| SCOP  | 4.13        | 3.21        |
| Tbiv  | -7 °C       | -7 °C       |
| TOL   | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = -7°C                                       | 2.37        | 1.83        |
| Cdh Tj = -7 °C                                      | 1.000       | 1.000       |
| Pdh Tj = +2°C                                       | 6.90 kW     | 6.50 kW     |
| COP Tj = +2°C                                       | 4.17        | 3.11        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.990       |
| Pdh Tj = +7°C                                       | 6.50 kW     | 6.00 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.47        |
| Cdh Tj = +7 °C                                      | 0.990       | 0.990       |
| Pdh Tj = 12°C                                       | 7.70 kW     | 7.40 kW     |
| COP Tj = 12°C                                       | 7.32        | 6.50        |
| Cdh Tj = +12 °C                                     | 0.990       | 0.990       |
| Pdh Tj = Tbiv                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = Tbiv                                       | 2.37        | 1.83        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW    | 10.00 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.14        | 1.74        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh |             |             |
| 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: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 2.40 kW     | 2.10 kW     |
| Annual energy consumption Qhe                       | 6448 kWh    | 7790 kWh    |

**Model PUHZ-SW120VHA + EHST30C-\*M\*D**

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW120VHA + EHST30C-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| 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 16147 | Average Climate**

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | XL          |
| Efficiency $\eta_{DHW}$         | 118 %       |
| COP                             | 2.84        |
| Heating up time                 | 02:12 h:min |
| Standby power input             | 43.0 W      |
| Reference hot water temperature | 52.5 °C     |
| Mixed water at 40°C             | 417 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 | 16.00 kW        | 15.20 kW           |
| El input    | 3.90 kW         | 6.03 kW            |
| COP         | 4.10            | 2.52               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 72 dB(A)        | 72 dB(A)           |

**EN 14825 | Average Climate**

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 162 %           | 125 %              |
| Prated   | 12.90 kW        | 12.10 kW           |

|   |             |             |
|---|-------------|-------------|
| SCOP  | 4.13        | 3.21        |
| Tbiv  | -7 °C       | -7 °C       |
| TOL   | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = -7°C                                       | 2.37        | 1.83        |
| Cdh Tj = -7 °C                                      | 1.000       | 1.000       |
| Pdh Tj = +2°C                                       | 6.90 kW     | 6.50 kW     |
| COP Tj = +2°C                                       | 4.17        | 3.11        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.990       |
| Pdh Tj = +7°C                                       | 6.50 kW     | 6.00 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.47        |
| Cdh Tj = +7 °C                                      | 0.990       | 0.990       |
| Pdh Tj = 12°C                                       | 7.70 kW     | 7.40 kW     |
| COP Tj = 12°C                                       | 7.32        | 6.50        |
| Cdh Tj = +12 °C                                     | 0.990       | 0.990       |
| Pdh Tj = Tbiv                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = Tbiv                                       | 2.37        | 1.83        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW    | 10.00 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.14        | 1.74        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh |             |             |
| 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: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 2.40 kW     | 2.10 kW     |
| Annual energy consumption Qhe                       | 6448 kWh    | 7790 kWh    |

**Model PUHZ-SW120VHA + ERST30C-\*M\*D**

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW120VHA + ERST30C-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| Reversibility                       | Yes                          |
| Cooling mode application (optional) | n/a                          |
| Any additional heat sources         | n/a                          |

**General data**

|                  |             |
|------------------|-------------|
| Power supply     | 1x230V 50Hz |
| Off-peak product | n/a         |

**Outdoor Air/Water****EN 16147 | Average Climate**

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | XL          |
| Efficiency $\eta_{DHW}$         | 118 %       |
| COP                             | 2.84        |
| Heating up time                 | 02:12 h:min |
| Standby power input             | 43.0 W      |
| Reference hot water temperature | 52.5 °C     |
| Mixed water at 40°C             | 417 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 | 16.00 kW        | 15.20 kW           |
| El input    | 3.90 kW         | 6.03 kW            |
| COP         | 4.10            | 2.52               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 72 dB(A)        | 72 dB(A)           |

**EN 14825 | Average Climate**

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_S$ | 164 %           | 127 %              |

|   |             |             |
|---|-------------|-------------|
| Prated  | 12.90 kW    | 12.10 kW    |
| SCOP  | 4.18        | 3.24        |
| Tbiv  | -7 °C       | -7 °C       |
| TOL   | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = -7°C                                       | 2.37        | 1.83        |
| Cdh Tj = -7 °C                                      | 1.000       | 1.000       |
| Pdh Tj = +2°C                                       | 6.90 kW     | 6.50 kW     |
| COP Tj = +2°C                                       | 4.19        | 3.13        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.990       |
| Pdh Tj = +7°C                                       | 6.50 kW     | 6.00 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.47        |
| Cdh Tj = +7 °C                                      | 0.990       | 0.990       |
| Pdh Tj = 12°C                                       | 7.70 kW     | 7.40 kW     |
| COP Tj = 12°C                                       | 7.32        | 6.50        |
| Cdh Tj = +12 °C                                     | 0.990       | 0.990       |
| Pdh Tj = Tbiv                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = Tbiv                                       | 2.37        | 1.83        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW    | 10.00 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.14        | 1.74        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh |             |             |
| 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: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 2.40 kW     | 2.10 kW     |
| Annual energy consumption Qhe                       | 6377 kWh    | 7710 kWh    |

**Model PUHZ-SW120YHA + EHST30C-M\*D**

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model name                          | PUHZ-SW120YHA + EHST30C-M*D |
| Application                         | Heating + DHW + low temp    |
| Units                               | Indoor, Outdoor             |
| Climate zone (for heating)          | n/a                         |
| 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 16147 | Average Climate**

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | XL          |
| Efficiency $\eta_{DHW}$         | 118 %       |
| COP                             | 2.84        |
| Heating up time                 | 02:12 h:min |
| Standby power input             | 43.0 W      |
| Reference hot water temperature | 52.5 °C     |
| Mixed water at 40°C             | 417 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 | 16.00 kW        | 15.20 kW           |
| El input    | 3.90 kW         | 6.03 kW            |
| COP         | 4.10            | 2.52               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 72 dB(A)        | 72 dB(A)           |

**EN 14825 | Average Climate**

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 162 %           | 125 %              |
| Prated   | 12.90 kW        | 12.10 kW           |

|   |             |             |
|---|-------------|-------------|
| SCOP  | 4.13        | 3.21        |
| Tbiv  | -7 °C       | -7 °C       |
| TOL   | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = -7°C                                       | 2.37        | 1.83        |
| Cdh Tj = -7 °C                                      | 1.000       | 1.000       |
| Pdh Tj = +2°C                                       | 6.90 kW     | 6.50 kW     |
| COP Tj = +2°C                                       | 4.18        | 3.13        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.990       |
| Pdh Tj = +7°C                                       | 6.50 kW     | 6.00 kW     |
| COP Tj = +7°C                                       | 5.63        | 4.50        |
| Cdh Tj = +7 °C                                      | 0.980       | 0.980       |
| Pdh Tj = 12°C                                       | 7.70 kW     | 7.40 kW     |
| COP Tj = 12°C                                       | 7.32        | 6.55        |
| Cdh Tj = +12 °C                                     | 0.980       | 0.980       |
| Pdh Tj = Tbiv                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = Tbiv                                       | 2.37        | 1.83        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW    | 10.00 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.14        | 1.74        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh |             |             |
| WTOL  | 60 °C       | 60 °C       |
| Poff  | 22 W        | 22 W        |
| PTO   | 22 W        | 22 W        |
| PSB   | 22 W        | 22 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 2.40 kW     | 2.10 kW     |
| Annual energy consumption Qhe                       | 6458 kWh    | 7788 kWh    |

**Model PUHZ-SW120YHA + EHST30C-\*M\*D**

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW120YHA + EHST30C-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| 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 16147 | Average Climate**

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | XL          |
| Efficiency $\eta_{DHW}$         | 118 %       |
| COP                             | 2.84        |
| Heating up time                 | 02:12 h:min |
| Standby power input             | 43.0 W      |
| Reference hot water temperature | 52.5 °C     |
| Mixed water at 40°C             | 417 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 | 16.00 kW        | 15.20 kW           |
| El input    | 3.90 kW         | 6.03 kW            |
| COP         | 4.10            | 2.52               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 72 dB(A)        | 72 dB(A)           |

**EN 14825 | Average Climate**

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 162 %           | 125 %              |
| Prated   | 12.90 kW        | 12.10 kW           |

|   |             |             |
|---|-------------|-------------|
| SCOP  | 4.13        | 3.21        |
| Tbiv  | -7 °C       | -7 °C       |
| TOL   | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = -7°C                                       | 2.37        | 1.83        |
| Cdh Tj = -7 °C                                      | 1.000       | 1.000       |
| Pdh Tj = +2°C                                       | 6.90 kW     | 6.50 kW     |
| COP Tj = +2°C                                       | 4.18        | 3.13        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.990       |
| Pdh Tj = +7°C                                       | 6.50 kW     | 6.00 kW     |
| COP Tj = +7°C                                       | 5.63        | 4.50        |
| Cdh Tj = +7 °C                                      | 0.980       | 0.980       |
| Pdh Tj = 12°C                                       | 7.70 kW     | 7.40 kW     |
| COP Tj = 12°C                                       | 7.32        | 6.55        |
| Cdh Tj = +12 °C                                     | 0.980       | 0.980       |
| Pdh Tj = Tbiv                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = Tbiv                                       | 2.37        | 1.83        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW    | 10.00 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.14        | 1.74        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh |             |             |
| WTOL  | 60 °C       | 60 °C       |
| Poff  | 22 W        | 22 W        |
| PTO   | 22 W        | 22 W        |
| PSB   | 22 W        | 22 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 2.40 kW     | 2.10 kW     |
| Annual energy consumption Qhe                       | 6458 kWh    | 7788 kWh    |

**Model PUHZ-SW120YHA + ERST30C-\*M\*D**

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW120YHA + ERST30C-*M*D |
| Application                         | Heating + DHW + low temp     |
| Units                               | Indoor, Outdoor              |
| Climate zone (for heating)          | n/a                          |
| 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 16147 | Average Climate**

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | XL          |
| Efficiency $\eta_{DHW}$         | 118 %       |
| COP                             | 2.84        |
| Heating up time                 | 02:12 h:min |
| Standby power input             | 43.0 W      |
| Reference hot water temperature | 52.5 °C     |
| Mixed water at 40°C             | 417 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 | 16.00 kW        | 15.20 kW           |
| El input    | 3.90 kW         | 6.03 kW            |
| COP         | 4.10            | 2.52               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 72 dB(A)        | 72 dB(A)           |

**EN 14825 | Average Climate**

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_S$ | 164 %           | 127 %              |

|   |             |             |
|---|-------------|-------------|
| Prated  | 12.90 kW    | 12.10 kW    |
| SCOP  | 4.18        | 3.24        |
| Tbiv  | -7 °C       | -7 °C       |
| TOL   | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = -7°C                                       | 2.37        | 1.83        |
| Cdh Tj = -7 °C                                      | 1.000       | 1.000       |
| Pdh Tj = +2°C                                       | 6.90 kW     | 6.50 kW     |
| COP Tj = +2°C                                       | 4.18        | 3.13        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.990       |
| Pdh Tj = +7°C                                       | 6.50 kW     | 6.00 kW     |
| COP Tj = +7°C                                       | 5.63        | 4.50        |
| Cdh Tj = +7 °C                                      | 0.980       | 0.980       |
| Pdh Tj = 12°C                                       | 7.70 kW     | 7.40 kW     |
| COP Tj = 12°C                                       | 7.32        | 6.55        |
| Cdh Tj = +12 °C                                     | 0.980       | 0.980       |
| Pdh Tj = Tbiv                                       | 11.40 kW    | 10.70 kW    |
| COP Tj = Tbiv                                       | 2.37        | 1.83        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 10.50 kW    | 10.00 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.14        | 1.74        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh |             |             |
| WTOL  | 60 °C       | 60 °C       |
| Poff  | 22 W        | 22 W        |
| PTO   | 22 W        | 22 W        |
| PSB   | 22 W        | 22 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 2.40 kW     | 2.10 kW     |
| Annual energy consumption Qhe                       | 6377 kWh    | 7708 kWh    |