

## Subtype Ecodan Power Inverter 10-300D AA

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| 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 10-300D AA                                                  |
| Registration number | 037-0015-20                                                                       |
| Heat Pump Type      | Outdoor Air/Water                                                                 |
| Refrigerant         | R410A                                                                             |
| Mass of Refrigerant | 4.2 kg                                                                            |
| Certification Date  | 14.02.2020                                                                        |
| Testing basis       | HP Keymark scheme rules rev. no. 6                                                |

## Model PUHZ-SW100VAA + EHST30C-M\*D

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model name                          | PUHZ-SW100VAA + 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 $\eta_{DHW}$         | 120 %       |
| COP                             | 2.90        |
| Heating up time                 | 03:41 h:min |
| Standby power input             | 41.0 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 | 11.20 kW        | 11.20 kW           |
| El input    | 2.51 kW         | 4.13 kW            |
| COP         | 4.46            | 2.71               |

### EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 60 dB(A)        | 60 dB(A)           |

### EN 14825 | Average Climate

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 167 %           | 130 %              |
| Prated   | 10.60 kW        | 10.00 kW           |
| SCOP     | 4.25            | 3.33               |

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| Tbiv                                                | -7 °C       | -7 °C       |
| TOL                                                 | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = -7°C                                       | 2.75        | 1.95        |
| Cdh Tj = -7 °C                                      | 1.00        | 1.00        |
| Pdh Tj = +2°C                                       | 5.70 kW     | 5.40 kW     |
| COP Tj = +2°C                                       | 4.21        | 3.22        |
| Cdh Tj = +2 °C                                      | 0.99        | 0.99        |
| Pdh Tj = +7°C                                       | 4.50 kW     | 4.70 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.79        |
| Cdh Tj = +7 °C                                      | 0.98        | 0.99        |
| Pdh Tj = 12°C                                       | 4.30 kW     | 5.30 kW     |
| COP Tj = 12°C                                       | 7.47        | 6.12        |
| Cdh Tj = +12 °C                                     | 0.97        | 0.98        |
| Pdh Tj = Tbiv                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = Tbiv                                       | 2.75        | 1.95        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.55 kW     | 9.55 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.80        | 1.80        |
| 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                          | 1.60 kW     | 1.40 kW     |
| Annual energy consumption Qhe                       | 5026 kWh    | 6089 kWh    |

## Model PUHZ-SW100VAA + EHST30C-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW100VAA + 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 $\eta_{DHW}$         | 120 %       |
| COP                             | 2.90        |
| Heating up time                 | 03:41 h:min |
| Standby power input             | 41.0 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 | 11.20 kW        | 11.20 kW           |
| El input    | 2.51 kW         | 4.13 kW            |
| COP         | 4.46            | 2.71               |

### EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 60 dB(A)        | 60 dB(A)           |

### EN 14825 | Average Climate

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 167 %           | 130 %              |
| Prated   | 10.60 kW        | 10.00 kW           |
| SCOP     | 4.25            | 3.33               |

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| Tbiv                                                | -7 °C       | -7 °C       |
| TOL                                                 | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = -7°C                                       | 2.75        | 1.95        |
| Cdh Tj = -7 °C                                      | 1.00        | 1.00        |
| Pdh Tj = +2°C                                       | 5.70 kW     | 5.40 kW     |
| COP Tj = +2°C                                       | 4.21        | 3.22        |
| Cdh Tj = +2 °C                                      | 0.99        | 0.99        |
| Pdh Tj = +7°C                                       | 4.50 kW     | 4.70 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.79        |
| Cdh Tj = +7 °C                                      | 0.98        | 0.99        |
| Pdh Tj = 12°C                                       | 4.30 kW     | 5.30 kW     |
| COP Tj = 12°C                                       | 7.47        | 6.12        |
| Cdh Tj = +12 °C                                     | 0.97        | 0.98        |
| Pdh Tj = Tbiv                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = Tbiv                                       | 2.75        | 1.95        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.55 kW     | 9.55 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.80        | 1.80        |
| 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                          | 1.60 kW     | 1.40 kW     |
| Annual energy consumption Qhe                       | 5026 kWh    | 6089 kWh    |

## Model PUHZ-SW100VAA + ERST30C-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW100VAA + 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 $\eta_{DHW}$         | 120 %       |
| COP                             | 2.90        |
| Heating up time                 | 03:41 h:min |
| Standby power input             | 41.0 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 | 11.20 kW        | 11.20 kW           |
| El input    | 2.51 kW         | 4.13 kW            |
| COP         | 4.46            | 2.71               |

### EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 60 dB(A)        | 60 dB(A)           |

### EN 14825 | Average Climate

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 170 %           | 132 %              |
| Prated   | 10.60 kW        | 10.00 kW           |

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| SCOP                                                | 4.32        | 3.37        |
| Tbiv                                                | -7 °C       | -7 °C       |
| TOL                                                 | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = -7°C                                       | 2.75        | 1.95        |
| Cdh Tj = -7 °C                                      | 1.00        | 1.00        |
| Pdh Tj = +2°C                                       | 5.70 kW     | 5.40 kW     |
| COP Tj = +2°C                                       | 4.21        | 3.22        |
| Cdh Tj = +2 °C                                      | 0.99        | 0.99        |
| Pdh Tj = +7°C                                       | 4.50 kW     | 4.70 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.79        |
| Cdh Tj = +7 °C                                      | 0.98        | 0.99        |
| Pdh Tj = 12°C                                       | 4.30 kW     | 5.30 kW     |
| COP Tj = 12°C                                       | 7.47        | 6.12        |
| Cdh Tj = +12 °C                                     | 0.97        | 0.98        |
| Pdh Tj = Tbiv                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = Tbiv                                       | 2.75        | 1.95        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.55 kW     | 9.55 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.80        | 1.80        |
| 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                          | 1.60 kW     | 1.40 kW     |
| Annual energy consumption Qhe                       | 5026 kWh    | 6089 kWh    |

## Model PUHZ-SW100YAA + EHST30C-M\*D

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model name                          | PUHZ-SW100YAA + 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 $\eta_{DHW}$         | 120 %       |
| COP                             | 2.90        |
| Heating up time                 | 03:41 h:min |
| Standby power input             | 41.0 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 | 11.20 kW        | 11.20 kW           |
| El input    | 2.51 kW         | 4.13 kW            |
| COP         | 4.46            | 2.71               |

### EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 60 dB(A)        | 60 dB(A)           |

### EN 14825 | Average Climate

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 165 %           | 129 %              |
| Prated   | 10.60 kW        | 10.00 kW           |
| SCOP     | 4.21            | 3.30               |

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| Tbiv                                                | -7 °C       | -7 °C       |
| TOL                                                 | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = -7°C                                       | 2.75        | 1.95        |
| Cdh Tj = -7 °C                                      | 1.00        | 1.00        |
| Pdh Tj = +2°C                                       | 5.70 kW     | 5.40 kW     |
| COP Tj = +2°C                                       | 4.21        | 3.22        |
| Cdh Tj = +2 °C                                      | 0.99        | 0.99        |
| Pdh Tj = +7°C                                       | 4.50 kW     | 4.70 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.79        |
| Cdh Tj = +7 °C                                      | 0.98        | 0.99        |
| Pdh Tj = 12°C                                       | 4.30 kW     | 5.30 kW     |
| COP Tj = 12°C                                       | 7.47        | 6.12        |
| Cdh Tj = +12 °C                                     | 0.97        | 0.98        |
| Pdh Tj = Tbiv                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = Tbiv                                       | 2.75        | 1.95        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.55 kW     | 9.55 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.80        | 1.80        |
| 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                          | 1.60 kW     | 1.40 kW     |
| Annual energy consumption Qhe                       | 5035 kWh    | 6101 kWh    |

## Model PUHZ-SW100YAA + EHST30C-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW100YAA + 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 $\eta_{DHW}$         | 120 %       |
| COP                             | 2.90        |
| Heating up time                 | 03:41 h:min |
| Standby power input             | 41.0 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 | 11.20 kW        | 11.20 kW           |
| El input    | 2.51 kW         | 4.13 kW            |
| COP         | 4.46            | 2.71               |

### EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 60 dB(A)        | 60 dB(A)           |

### EN 14825 | Average Climate

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 165 %           | 129 %              |
| Prated   | 10.60 kW        | 10.00 kW           |
| SCOP     | 4.21            | 3.30               |

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| Tbiv                                                | -7 °C       | -7 °C       |
| TOL                                                 | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = -7°C                                       | 2.75        | 1.95        |
| Cdh Tj = -7 °C                                      | 1.00        | 1.00        |
| Pdh Tj = +2°C                                       | 5.70 kW     | 5.40 kW     |
| COP Tj = +2°C                                       | 4.21        | 3.22        |
| Cdh Tj = +2 °C                                      | 0.99        | 0.99        |
| Pdh Tj = +7°C                                       | 4.50 kW     | 4.70 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.79        |
| Cdh Tj = +7 °C                                      | 0.98        | 0.99        |
| Pdh Tj = 12°C                                       | 4.30 kW     | 5.30 kW     |
| COP Tj = 12°C                                       | 7.47        | 6.12        |
| Cdh Tj = +12 °C                                     | 0.97        | 0.98        |
| Pdh Tj = Tbiv                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = Tbiv                                       | 2.75        | 1.95        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.55 kW     | 9.55 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.80        | 1.80        |
| 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                          | 1.60 kW     | 1.40 kW     |
| Annual energy consumption Qhe                       | 5035 kWh    | 6101 kWh    |

## Model PUHZ-SW100YAA + ERST30C-\*M\*D

|                                     |                              |
|-------------------------------------|------------------------------|
| Model name                          | PUHZ-SW100YAA + 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 $\eta_{DHW}$         | 120 %       |
| COP                             | 2.90        |
| Heating up time                 | 03:41 h:min |
| Standby power input             | 41.0 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 | 11.20 kW        | 11.20 kW           |
| El input    | 2.51 kW         | 4.13 kW            |
| COP         | 4.46            | 2.71               |

### EN 12102-1 | Average Climate

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
| Sound power level outdoor | 60 dB(A)        | 60 dB(A)           |

### EN 14825 | Average Climate

|          | Low temperature | Medium temperature |
|----------|-----------------|--------------------|
| $\eta_s$ | 169 %           | 132 %              |
| Prated   | 10.60 kW        | 10.00 kW           |

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| SCOP                                                | 4.31        | 3.36        |
| Tbiv                                                | -7 °C       | -7 °C       |
| TOL                                                 | -20 °C      | -20 °C      |
| Pdh Tj = -7°C                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = -7°C                                       | 2.75        | 1.95        |
| Cdh Tj = -7 °C                                      | 1.00        | 1.00        |
| Pdh Tj = +2°C                                       | 5.70 kW     | 5.40 kW     |
| COP Tj = +2°C                                       | 4.21        | 3.22        |
| Cdh Tj = +2 °C                                      | 0.99        | 0.99        |
| Pdh Tj = +7°C                                       | 4.50 kW     | 4.70 kW     |
| COP Tj = +7°C                                       | 5.55        | 4.79        |
| Cdh Tj = +7 °C                                      | 0.98        | 0.99        |
| Pdh Tj = 12°C                                       | 4.30 kW     | 5.30 kW     |
| COP Tj = 12°C                                       | 7.47        | 6.12        |
| Cdh Tj = +12 °C                                     | 0.97        | 0.98        |
| Pdh Tj = Tbiv                                       | 9.40 kW     | 8.90 kW     |
| COP Tj = Tbiv                                       | 2.75        | 1.95        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.55 kW     | 9.55 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.80        | 1.80        |
| 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                          | 1.60 kW     | 1.40 kW     |
| Annual energy consumption Qhe                       | 5035 kWh    | 6101 kWh    |