

This information was generated by the HP KEYMARK database on 23 Jun 2022

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|                     |  |          |             |
|---------------------|--|----------|-------------|
| Summary of          | Loria 6008 R32   | Reg. No. | 012-C700123 |
| Certificate Holder  |  |          |             |
| Name                | Groupe Atlantic  |          |             |
| Address             | 44 boulevard des Etats-Unis                                | Zip      | 85000       |
| City                | La Roche Sur Yon   | Country  | France      |
| Certification Body  | RISE CERT  |          |             |
| Subtype title       | Loria 6008 R32   |          |             |
| Heat Pump Type      | Outdoor Air/Water  |          |             |
| Refrigerant         | R32  |          |             |
| Mass of Refrigerant | 1.02 kg  |          |             |
| Certification Date  | 08.09.2021   |          |             |
| Testing basis       | EN 14511:2018, EN 14825:2018, EN 12102:2017, EN 16147:2017 |          |             |

## Model: Loria 6008 R32

| Configure model                     |                       |
|-------------------------------------|-----------------------|
| Model name                          | Loria 6008 R32        |
| 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 | 7.50 kW         | 7.20 kW            |
| El input    | 1.66 kW         | 2.60 kW            |
| COP         | 4.52            | 2.77               |

| 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

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### EN 12102-1

|                           | 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

|                | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| $\eta_s$       | 185 %           | 134 %              |
| Prated         | 6.60 kW         | 6.20 kW            |
| SCOP           | 4.70            | 3.41               |
| Tbiv           | -7 °C           | -7 °C              |
| TOL            | -10 °C          | -10 °C             |
| Pdh Tj = -7°C  | 5.80 kW         | 5.50 kW            |
| COP Tj = -7°C  | 2.71            | 2.05               |
| Cdh Tj = -7 °C | 0.990           | 0.990              |
| Pdh Tj = +2°C  | 3.60 kW         | 3.30 kW            |
| COP Tj = +2°C  | 4.71            | 3.30               |
| Cdh Tj = +2 °C | 0.980           | 0.990              |
| Pdh Tj = +7°C  | 2.30 kW         | 2.20 kW            |
| COP Tj = +7°C  | 6.23            | 4.65               |
| Cdh Tj = +7 °C | 0.960           | 0.970              |

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|   |             |             |
|---|-------------|-------------|
| Pdh Tj = 12°C                                       | 2.40 kW     | 2.20 kW     |
| COP Tj = 12°C                                       | 8.72        | 6.38        |
| Cdh Tj = +12 °C                                     | 0.950       | 0.960       |
| Pdh Tj = Tbiv                                       | 5.80 kW     | 5.50 kW     |
| COP Tj = Tbiv                                       | 2.71        | 2.05        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.60 kW     | 5.20 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.42        | 1.80        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990       | 1.000       |
| WTOL  | 55 °C       | 55 °C       |
| Poff  | 4 W         | 4 W         |
| PTO   | 14 W        | 14 W        |
| PSB   | 10 W        | 10 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 1.00 kW     | 1.00 kW     |
| Annual energy consumption Qhe                       | 2901 kWh    | 3751 kWh    |

## Model: Loria Duo 6008 R32

| Configure model                     |                          |
|-------------------------------------|--------------------------|
| Model name                          | Loria Duo 6008 R32       |
| 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 | 7.50 kW         | 7.20 kW            |
| El input    | 1.66 kW         | 2.60 kW            |
| COP         | 4.52            | 2.77               |

| EN 14511-4                                 |        |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure              | passed |
| Defrost test                               | passed |
| Starting and operating test                | passed |

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|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 40 dB(A)        | 40 dB(A)           |
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| $\eta_s$       | 185 %           | 134 %              |
| Prated         | 6.60 kW         | 6.20 kW            |
| SCOP           | 4.70            | 3.41               |
| Tbiv           | -7 °C           | -7 °C              |
| TOL            | -10 °C          | -10 °C             |
| Pdh Tj = -7°C  | 5.80 kW         | 5.50 kW            |
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| PTO   | 14 W        | 14 W        |
| PSB   | 10 W        | 10 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 1.00 kW     | 1.00 kW     |
| Annual energy consumption Qhe                       | 2901 kWh    | 3751 kWh    |

## Domestic Hot Water (DHW)

### Average Climate

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| <b>EN 16147</b>                 |            |
|---------------------------------|------------|
| Declared load profile           | L          |
| Efficiency $\eta_{DHW}$         | 132 %      |
| COP                             | 3.30       |
| Heating up time                 | 1:35 h:min |
| Standby power input             | 31.0 W     |
| Reference hot water temperature | 52.5 °C    |
| Mixed water at 40°C             | 245 l      |



## Model: Loria Duo 6008 2C R32

| Configure model                     |                          |
|-------------------------------------|--------------------------|
| Model name                          | Loria Duo 6008 2C R32    |
| 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  |                 |                    |
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|             | Low temperature | Medium temperature |
| Heat output | 7.50 kW         | 7.20 kW            |
| El input    | 1.66 kW         | 2.60 kW            |
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| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure              | passed |
| Defrost test                               | passed |
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| Prated         | 6.60 kW         | 6.20 kW            |
| SCOP           | 4.70            | 3.41               |
| Tbiv           | -7 °C           | -7 °C              |
| TOL            | -10 °C          | -10 °C             |
| Pdh Tj = -7°C  | 5.80 kW         | 5.50 kW            |
| COP Tj = -7°C  | 2.71            | 2.05               |
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| Supplementary Heater: PSUP                          | 1.00 kW     | 1.00 kW     |
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| COP                             | 3.30       |
| Heating up time                 | 1:35 h:min |
| Standby power input             | 31.0 W     |
| Reference hot water temperature | 52.5 °C    |
| Mixed water at 40°C             | 245 l      |