

Subtype Alf  a Extensa M Compact 5

|                     |  |
|---------------------|--|
| Certificate Holder  | Groupe Atlantic                              |
| Address             | Rue des Fondeurs BP 64                       |
| ZIP                 | 59660  |
| City                | Merville                                     |
| Country             | FR   |
| Certification Body  | RISE CERT                                    |
| Subtype title       | Alf  a Extensa M Compact 5                   |
| Registration number | 012-C700196                                  |
| Heat Pump Type      | Outdoor Air/Water                            |
| Refrigerant         | R32  |
| Mass of Refrigerant | 0.88 kg                                      |
| Certification Date  | 27.06.2023                                   |
| Testing basis       | EN 14511:2018, EN 14825:2018, EN 12102:2022. |
| Testing laboratory  | CETIAT, FR                                   |

**Model Alf  a Extensa M Compact 5**

|                                     |                            |
|-------------------------------------|----------------------------|
| Model name                          | Alf  a Extensa M Compact 5 |
| Application                         | Heating (medium temp)      |
| Units                               | 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 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 | 4.00 kW         | 4.00 kW            |
| EI input    | 0.75 kW         | 1.33 kW            |
| COP         | 5.34            | 3.00               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 52 dB(A)        | 52 dB(A)           |

**EN 14825 | Average Climate**

|                | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| $\eta_s$       | 195 %           | 136 %              |
| Prated         | 4.70 kW         | 4.40 kW            |
| SCOP           | 4.96            | 3.48               |
| Tbiv           | -7 °C           | -7 °C              |
| TOL            | -10 °C          | -10 °C             |
| Pdh Tj = -7°C  | 4.20 kW         | 3.90 kW            |
| COP Tj = -7°C  | 3.27            | 2.17               |
| Cdh Tj = -7 °C | 0.990           | 0.990              |
| Pdh Tj = +2°C  | 2.70 kW         | 2.40 kW            |
| COP Tj = +2°C  | 4.87            | 3.38               |
| Cdh Tj = +2 °C | 0.980           | 0.980              |
| Pdh Tj = +7°C  | 2.10 kW         | 2.00 kW            |
| COP Tj = +7°C  | 6.56            | 4.69               |

|   |             |             |
|---|-------------|-------------|
| Cdh Tj = +7 °C                                      | 0.960       | 0.970       |
| Pdh Tj = 12°C                                       | 2.50 kW     | 2.40 kW     |
| COP Tj = 12°C                                       | 8.61        | 6.67        |
| Cdh Tj = +12 °C                                     | 0.960       | 0.960       |
| Pdh Tj = Tbiv                                       | 4.20 kW     | 3.90 kW     |
| COP Tj = Tbiv                                       | 3.27        | 2.17        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 3.90 kW     | 3.60 kW     |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.90        | 1.89        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990       | 0.990       |
| WTOL  | 60 °C       | 60 °C       |
| Poff  | 5 W         | 5 W         |
| PTO   | 13 W        | 13 W        |
| PSB   | 9 W         | 9 W         |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 0.80 kW     | 0.80 kW     |
| Annual energy consumption Qhe                       | 1957 kWh    | 2611 kWh    |