

## Subtype NEVIS PLUS R32 25 MUD0

|                     |                           |
|---------------------|---------------------------|
| Certificate Holder  | Ariston Thermo Group      |
| Address             | Viale Aristide Merloni 45 |
| ZIP                 | I-60044                   |
| City                | Fabriano (AN)             |
| Country             | IT                        |
| Certification Body  | ICIM S.p.A.               |
| Subtype title       | NEVIS PLUS R32 25 MUD0    |
| Registration number | ICIM-PDC-000100           |
| Heat Pump Type      | Air/Air Single Split      |
| Refrigerant         | R32                       |
| Mass of Refrigerant | 0.62 kg                   |
| Certification Date  | 07.06.2021                |
| Testing basis       | V9                        |

## Model NEVIS PLUS R32 25 MUD0

|                                     |                        |
|-------------------------------------|------------------------|
| Model name                          | NEVIS PLUS R32 25 MUD0 |
| Application                         | Heating + Cooling      |
| Units                               | n/a                    |
| 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         |

## Air/Air Single Split

### EN 14511-4 | Cooling

Shutting off the heat transfer medium flow passed

|                               |        |
|-------------------------------|--------|
| Complete power supply failure | passed |
| Starting and operating test   | passed |

### EN 12102-1 | Cooling

|                           |          |
|---------------------------|----------|
| Sound power level indoor  | 53 dB(A) |
| Sound power level outdoor | 59 dB(A) |

### EN 14825 | Cooling

|   |   |
|---|---|
|   | Indoor dry(wet) bulb temperature 27(19)°C |
| P <sub>designc</sub>                      | 2.60 kW                                   |
| SEER                                      | 8.80                                      |
| P <sub>dc</sub> T <sub>j</sub> = 35°C     | 2.60 kW                                   |
| EER T <sub>j</sub> = 35°C                 | 4.20                                      |
| P <sub>dc</sub> T <sub>j</sub> = 30°C     | 1.75 kW                                   |
| EER T <sub>j</sub> = 30°C                 | 6.66                                      |
| C <sub>dc</sub> T <sub>j</sub> = 30 °C    | 0.3                                       |
| P <sub>dc</sub> T <sub>j</sub> = 25°C     | 1.11 kW                                   |
| EER T <sub>j</sub> = 25°C                 | 10.90                                     |
| C <sub>dc</sub> T <sub>j</sub> = 25 °C    | 0.3                                       |
| P <sub>dc</sub> T <sub>j</sub> = 20°C     | 0.90 kW                                   |
| EER T <sub>j</sub> = 20°C                 | 15.00                                     |
| C <sub>dc</sub> T <sub>j</sub> = 20 °C    | 0.3                                       |
| P <sub>off</sub>                          | 1 W                                       |
| PTO                                       | 12 W                                      |
| PSB                                       | 1 W                                       |
| PCK                                       | 0 W                                       |
| Annual energy consumption Q <sub>ce</sub> | 103 kWh                                   |

### EN 14825 | Average Climate

|   |                                   |
|---|-----------------------------------|
|   | Indoor dry bulb temperature: 20°C |
| P <sub>designh</sub>  | 2.40 kW                           |
| SCOP  | 4.60                              |
| T <sub>biv</sub>  | -7 °C                             |
| TOL   | -15 °C                            |
| P <sub>dh</sub> T <sub>j</sub> = -7°C   | 2.12 kW                           |
| COP T <sub>j</sub> = -7°C   | 3.20                              |
| C <sub>dh</sub> T <sub>j</sub> = -7 °C  | 0.250                             |
| P <sub>dh</sub> T <sub>j</sub> = +2°C   | 1.30 kW                           |
| COP T <sub>j</sub> = +2°C   | 4.60                              |
| C <sub>dh</sub> T <sub>j</sub> = +2 °C  | 0.250                             |
| P <sub>dh</sub> T <sub>j</sub> = +7°C   | 0.84 kW                           |
| COP T <sub>j</sub> = +7°C   | 5.60                              |
| C <sub>dh</sub> T <sub>j</sub> = +7 °C  | 0.250                             |
| P <sub>dh</sub> T <sub>j</sub> = 12°C   | 0.60 kW                           |
| COP T <sub>j</sub> = 12°C   | 6.50                              |
| C <sub>dh</sub> T <sub>j</sub> = +12 °C   | 0.250                             |
| P <sub>dh</sub> T <sub>j</sub> = T <sub>biv</sub>   | 2.12 kW                           |
| COP T <sub>j</sub> = T <sub>biv</sub>   | 3.20                              |
| P <sub>dh</sub> T <sub>j</sub> = TOL or P <sub>dh</sub> T <sub>j</sub> = T <sub>designh</sub> if TOL < T <sub>designh</sub> | 2.39 kW                           |
| COP T <sub>j</sub> = TOL or COP T <sub>j</sub> = T <sub>designh</sub> if TOL < T <sub>designh</sub>                         | 2.50                              |
| P <sub>off</sub>  | 1 W                               |
| PTO   | 12 W                              |
| PSB   | 1 W                               |
| PCK   | 0 W                               |
| Backup Heater   | 0.00 kW                           |
| Annual energy consumption Q <sub>he</sub>   | 730 kWh                           |