

| Subtype i-32V5 04   |                                 |
|---------------------|---------------------------------|
| Certificate Holder  | Advantix S.p.A.                 |
| Address             | Via San Giuseppe Lavoratore, 24 |
| ZIP                 | 37040                           |
| City                | Arcole Verona                   |
| Country             | IT                              |
| Certification Body  | ICIM S.p.A.                     |
| Subtype title       | i-32V5 04                       |
| Registration number | ICIM-PDC-000103                 |
| Heat Pump Type      | Outdoor Air/Water               |
| Refrigerant         | R32                             |
| Mass of Refrigerant | 1.5 kg                          |
| Certification Date  | 07.06.2021                      |
| Testing basis       | V9                              |

| Model i-32V504                             |                       |                    |
|--------------------------------------------|-----------------------|--------------------|
| Model name                                 | i-32V504              |                    |
| Application                                | Heating (medium temp) |                    |
| Units                                      | Outdoor               |                    |
| Climate zone (for heating)                 | n/a                   |                    |
| Reversibility                              | Yes                   |                    |
| Cooling mode application (optional)        | +7°C/12°C             |                    |
| Any additional heat sources                | n/a                   |                    |
| Phase-out Date                             | 30.10.2025            |                    |
| 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                                | 4.76 kW               | 4.53 kW            |
| El input                                   | 1.00 kW               | 1.54 kW            |
| COP                                        | 4.76                  | 2.94               |
| EN 14511-2   Cooling                       |                       |                    |
|                                            | +7°C/+12°C            | +18°C/+23°C        |
| El input                                   | 1.37 kW               |                    |
| Cooling capacity                           | 4.33                  |                    |
| EER                                        | 3.16                  |                    |
| EN 12102-1   Average Climate               |                       |                    |
|                                            | Low temperature       | Medium temperature |
| Sound power level outdoor                  | 57 dB(A)              | 57 dB(A)           |
| EN 14825   Average Climate                 |                       |                    |
|                                            | Low temperature       | Medium temperature |
| ηs                                         | 179 %                 | 135 %              |
| Prated                                     | 4.00 kW               | 4.00 kW            |
| SCOP                                       | 4.56                  | 3.45               |
| Tbiv                                       | -7 °C                 | -7 °C              |
| TOL                                        | -20 °C                | -15 °C             |

|                                                     |          |          |
|-----------------------------------------------------|----------|----------|
| Pdh Tj = -7°C                                       | 3.90 kW  | 3.90 kW  |
| COP Tj = -7°C                                       | 3.01     | 2.26     |
| Cdh Tj = -7 °C                                      | 1.000    | 1.000    |
| Pdh Tj = +2°C                                       | 2.40 kW  | 2.40 kW  |
| COP Tj = +2°C                                       | 4.53     | 3.32     |
| Cdh Tj = +2 °C                                      | 1.000    | 1.000    |
| Pdh Tj = +7°C                                       | 2.80 kW  | 2.80 kW  |
| COP Tj = +7°C                                       | 5.57     | 4.35     |
| Cdh Tj = +7 °C                                      | 0.969    | 0.976    |
| Pdh Tj = 12°C                                       | 3.30 kW  | 3.30 kW  |
| COP Tj = 12°C                                       | 7.01     | 6.01     |
| Cdh Tj = +12 °C                                     | 0.963    | 0.969    |
| Pdh Tj = Tbiv                                       | 3.90 kW  | 3.90 kW  |
| COP Tj = Tbiv                                       | 3.01     | 2.26     |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 3.80 kW  | 3.90 kW  |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.77     | 2.06     |
| 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          | n/a      | n/a      |
| Supplementary Heater: PSUP                          | 0.20 kW  | 0.10 kW  |
| Annual energy consumption Qhe                       | 1988 kWh | 2624 kWh |

#### EN 14825 | Cooling

|                |            |             |
|----------------|------------|-------------|
|                | +7°C/+12°C | +18°C/+23°C |
| Pdesignc       | 4.33 kW    |             |
| SEER           | 4.28       |             |
| Pdc Tj = 35°C  | 4.33 kW    |             |
| EER Tj = 35°C  | 3.16       |             |
| Pdc Tj = 30°C  | 3.16 kW    |             |
| EER Tj = 30°C  | 3.85       |             |
| Cdc Tj = 30 °C | 1.000      |             |
| Pdc Tj = 25°C  | 2.67 kW    |             |
| EER Tj = 25°C  | 4.85       |             |
| Cdc Tj = 25 °C | 1.000      |             |
| Pdc Tj = 20°C  | 2.98 kW    |             |
| EER Tj = 20°C  | 6.34       |             |
| Cdc Tj = 20 °C | 1.000      |             |
| Poff           | 19 W       |             |
| PTO            | 0 W        |             |

|                               |         |
|-------------------------------|---------|
| PSB                           | 19 W    |
| PCK                           | 30 W    |
| Annual energy consumption Qce | 606 kWh |

|                                            |                       |                    |
|--------------------------------------------|-----------------------|--------------------|
| Model i-32V5/KA/04                         |                       |                    |
| Model name                                 | i-32V5/KA/04          |                    |
| Application                                | Heating (medium temp) |                    |
| Units                                      | Outdoor               |                    |
| Climate zone (for heating)                 | n/a                   |                    |
| Reversibility                              | Yes                   |                    |
| Cooling mode application (optional)        | +7°C/12°C             |                    |
| Any additional heat sources                | n/a                   |                    |
| Phase-out Date                             | 30.10.2025            |                    |
| 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                |                    |
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| EN 14511-2   Heating                       |                       |                    |
|                                            | Low temperature       | Medium temperature |
| Heat output                                | 4.76 kW               | 4.53 kW            |
| El input                                   | 1.00 kW               | 1.54 kW            |
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| EN 14511-2   Cooling                       |                       |                    |
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| El input                                   | 1.37 kW               |                    |
| Cooling capacity                           | 4.33                  |                    |
| EER                                        | 3.16                  |                    |
| EN 12102-1   Average Climate               |                       |                    |
|                                            | Low temperature       | Medium temperature |
| Sound power level outdoor                  | 57 dB(A)              | 57 dB(A)           |
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| SCOP                                       | 4.56                  | 3.45               |
| Tbiv                                       | -7 °C                 | -7 °C              |
| TOL                                        | -20 °C                | -15 °C             |

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| WTOL                                                | 60 °C    | 60 °C    |
| Poff                                                | 19 W     | 19 W     |
| PTO                                                 | 22 W     | 22 W     |
| PSB                                                 | 19 W     | 19 W     |
| PCK                                                 | 0 W      | 0 W      |
| Supplementary Heater: Type of energy input          | n/a      | n/a      |
| Supplementary Heater: PSUP                          | 0.20 kW  | 0.10 kW  |
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| PCK                           | 30 W    |
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