






|  |         |           | Unico Pro Inverter 12 HP A+   |
|--|---------|-----------|---|
| PRODUCT CODE   |         |           | 01866   |
| EAN CODE   |         |           | 8021183018660   |
| Cooling power (min/max)                                    |         | kW        | 1,7 / 3,4   |
| Heating power (min/max)                                    |         | kW        | 1,5 / 3,0   |
| Nominal cooling capacity (1)                               | P rated | kW        |  2,2     |
| Nominal heating capacity (1)                               | P rated | kW        |  2,4     |
| Nominal power consumption for cooling (1)                  | PEER    | kW        | 0,7   |
| Nominal absorption for cooling (1)                         |         | A         | 3,1   |
| Nominal power consumption for heating (1)                  | PCOP    | kW        | 0,8   |
| Nominal absorption for heating (1)                         |         | A         | 3,4   |
| Nominal energy efficiency index (1)                        | EERd    |           | 3,1   |
| Nominal efficiency coefficient (1)                         | COPd    |           | 3,1   |
| Energy efficiency class in cooling (1)                     |         |           |  A+      |
| Energy efficiency class in heating (1)                     |         |           |  A       |
| Energy consumption in "thermostat off" mode                | PTO     |           | 22  |
| Energy consumption in "standby" mode (EN 62301)            | PSB     |           | 0,5   |
| Energy consumption for double pipe appliances (1) cooling  | QDD     | kWh/h     | 0,7   |
| Energy consumption for double pipe appliances (1) heating  | QDD     | kWh/h     | 0,8   |
| Silent mode cooling capacity                               |         | kW        | 1,7   |
| Silent mode heating capacity                               |         | kW        | 1,5   |
| Supply voltage   |         | V-F-Hz    | 230-1-50  |
| Supply voltage minimum/maximum                             |         | V         | 198 / 264   |
| Maximum power consumption in cooling mode (1)              |         | kW        | 0,8-1,7   |
| Maximum absorption in cooling mode (1)                     |         | A         | 3,5-7,5   |
| Maximum power consumption in heating mode (1)              |         | kW        | 0,8-1,7   |
| Maximum absorption in heating mode (1)                     |         | A         | 3,1-6,2   |
| Maximum power consumption with electric resistance heating |         | kW        | -   |
| Maximum absorption with electric resistance heating        |         | A         | -   |
| Dehumidification capacity                                  |         | l/h       | 1,3   |
| Air flow rate in cooling environment (max/med/min)         |         | m³/h      | 490 / 390 / 350   |
| Air flow rate in heating environment (max/med/min)         |         | m³/h      | 490 / 390 / 350   |
| Air flow rate with electric resistance heating environment |         | m³/h      | -   |
| External air flow rate in cooling (max/min)                |         | m³/h      | 600 / 120   |
| External air flow rate in heating (max/min)                |         | m³/h      | 600 / 120   |
| Internal ventilation speed                                 |         |           | 3   |
| External ventilation speed                                 |         |           | 6   |
| Diameter wall holes  |         | mm        | 162** / 202   |
| Electric resistance heating                                |         |           | -   |
| Maximum range remote control (distance / angle)            |         | m / °     | 8 / ±80°  |
| Dimensions ( W x H x D ) (without packaging)               |         | mm        | 903 x 520 x 215   |
| Dimensions ( W x H x D ) (with packaging)                  |         | mm        | 980 x 610 x 330   |
| Weight (without packaging)                                 |         | Kg        | 39  |
| Weight (with packaging)                                    |         | Kg        | 42  |
| Internal sound pressure (Min Max) (2)                      |         | dB(A)     |  32-43 |
| Internal sound power level (EN 12102)                      | LWA     | dB(A)     | 57  |
| Silent Mode sound pressure level                           |         | dB(A)     | 34  |
| Silent Mode sound power level                              | LWA     | dB(A)     | 49  |
| Degree of protection provided by covers                    |         |           | IP20  |
| Refrigerant gas*   |         | Type      | R410A   |
| Global warming potential                                   | GWP     | kgCO2 eq. | 2088  |
| Refrigerant gas charge                                     |         | kg        | 0,58  |
| Maximum operating pressure                                 |         | MPa       | 4,20  |
| Power cable (N° pole x section mm2)                        |         |           | 3 x 1,5   |

#### LIMITS OF OPERATING CONDITIONS

|                             |                                |                   |
|-----------------------------|--------------------------------|-------------------|
| Indoor Ambient Temperature  | Maximum temperature in cooling | DB 35°C - WB 24°C |
|                             | Minimum temperature in cooling | DB 18°C           |
|                             | Maximum temperature in heating | DB 27°C           |
|                             | Minimum temperature in heating | -                 |
| Outdoor Ambient Temperature | Maximum temperature in cooling | DB 43°C - WB 32°C |
|                             | Minimum temperature in cooling | DB -10°C          |
|                             | Maximum temperature in heating | DB 24°C - WB 18°C |
|                             | Minimum temperature in heating | DB -15°C          |

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C.

(2) Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.

- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.

\*Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.