

HEAT PUMP AIR CONDITIONERS WITHOUT EXTERNAL UNIT

UNICO AIR

[EFA]

| | |
|--------------|---------------|
| Size | 8 |
| Energy class | A |
| Technology | on/off |
| Refrigerant | R32 |



Ultra-slim design: only 16 cm deep

All Unico's technology is contained in a particularly compact volume (only 16 cm thick) that simplifies positioning in the smallest spaces of the home, where it easily integrates thanks to its minimalist design. Its reduced overall dimensions does not compromise acoustic comfort: thanks to sound-absorbing and anti-vibration materials and the Sleep function, the noise level of the unit is among the lowest.

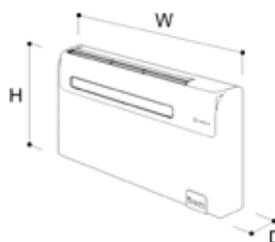
Also suitable for recessed installation

Its reduced thickness makes it suitable for recessed installation, which makes Unico invisible even inside the home. With the use of the special formwork (1114x171xh125 mm) and the paintable front metal closing panel (1173x9xh754 mm), integrating the unit into the interior design of the room is even easier.

TECHNICAL INFO

- Condensate drain mandatory if used for heating. See the installation manual for details.
- Multi-filtering system consisting of electrostatic filter (with anti-dust function) and activated carbon filter (effective against odors).
- Wide flap for even air diffusion in the room.

DIMENSIONS AND WEIGHT



| | | Unico Air |
|--------|----|-----------|
| W | mm | 978 |
| H | mm | 491 |
| D | mm | 164 |
| WEIGHT | kg | 37 |

-  **Cooling**
-  **Heating**
-  **Dehumidification**
-  **Ventilation**
-  **Auto Mode**
-  **Sleep Mode**
-  **Timer**

COMPATIBLE ACCESSORIES

| | |
|--------------|-----------------------------------|
| B1015 | Wireless kit |
| B1014 | Wireless serial interface |
| B1012 | Wireless wall control |
| B0776 | Recessed closing panel |
| B0775 | Recessed formwork |
| B0564 | Grille kit diameter 160 mm |
| B0620 | Heating cable |
| B0753 | Rain cover kit for 200 mm grilles |



TECHNICAL DATA

| | | | | Unico Air HP EFA |
|---|-----------|-----|--------|------------------|
| Product code | | | | 02595 |
| EAN code | | | | 8021183025958 |
| Nominal cooling capacity | Pnominale | (1) | kW | 1,8 |
| Output power in cooling mode (min/rated/max) | | (1) | kW | - / 1,8 / - |
| Cooling power with Silent Mode function | | | kW | - |
| Absorbed power in cooling mode (min/rated/max) | | (1) | kW | - / 0,7 / - |
| Absorption in cooling mode (min/nom/max) | | (1) | A | - / 3,1 / - |
| Energy consumption for double-duct equipment - cooling | QDD | (1) | kWh/h | 0,7 |
| Energy efficiency class in cooling | | (1) | | A |
| Indoor air flow rate in cooling mode (min/average/max) | | | m³/h | 150/180/215 |
| Outdoor air flow rate in cooling mode (min/average/max) | | | m³/h | - / - / 380 |
| Dehumidification capacity | | | l/h | 0,6 |
| EER | EERd | (1) | | 2,6 |
| Nominal heating capacity | Pnominale | (1) | kW | 1,7 |
| Output power in heating mode (min/rated/max) | | (1) | kW | - / 1,7 / - |
| Heating power with Silent Mode function | | | kW | - |
| Absorbed power in heating mode (min/rated/max) | | (1) | kW | - / 0,5 / - |
| Absorption in heating mode (min/nom/max) | | (1) | A | - / 2,5 / - |
| Energy consumption for double-duct equipment - heating | QDD | (1) | kWh/h | 0,5 |
| Energy efficiency class in heating mode | | (1) | | A |
| Indoor air flow rate in heating mode (min/average/max) | | | m³/h | 150/180/215 |
| Outdoor air flow rate in heating mode (min/average/max) | | | m³/h | - / - / 380 |
| COP | COPd | (1) | | 3,1 |
| Electrical heating resistance (min/med/max) | | | kW | - |
| Maximum power consumption with electric resistance heating | | | kW | - |
| Maximum absorption with electric resistance heating | | | A | - |
| Indoor air flow rate with electric resistance in heating mode (min/med/max) | | | m³/h | - |
| Internal sound pressure (min/max) | | (2) | dB(A) | 27-38 |
| Internal sound pressure in Silent Mode | | | dB(A) | - |
| Energy consumption in "thermostat off" mode | PTD | | W | 14,0 |
| Energy consumption in "standby" mode (EN 62301) | PSB | | W | 0,5 |
| Supply voltage | | | V-F-Hz | 230-1-50 |
| Supply voltage (min/max) | | | V | 198 / 264 |
| Power cable (N° pole x section mmq) | | | | 3 x 1,5 |
| Internal ventilation speed | | | | 3 |
| External ventilation speed | | | | 1 |
| Diameter wall holes | | (3) | mm | 162 |
| Maximum wall hole depth | | | m | 1 |
| Degree of protection of casing | | | | IP 20 |
| Refrigerant gas | | (4) | Type | R32 |
| Refrigerant gas charge | | | kg | 0,32 |
| Global warming potential | GWP | | | 675 |
| Maximum operating pressure | | | MPa | 4,20 |
| Maximum remote control range (distance/angle) | | | m / ° | 8 / ±80° |
| Dimensions (WxHxD) (without packaging) | | | mm | 978 x 491 x 164 |
| Dimensions (WxHxD) (with packaging) | | | mm | 1060 x 595 x 250 |
| Weight (without packaging) | | | kg | 37 |
| Weight (with packaging) | | | kg | 41 |

LIMITS OF OPERATING CONDITIONS

| | | |
|---------------------|--|--------------------|
| Outdoor environment | Operating temperatures in cooling mode (min/max) | - / DB 43°C |
| | Operating temperatures in heating mode (min/max) | DB -15°C / DB 24°C |
| Indoor environment | Operating temperatures in cooling mode (min/max) | DB 18°C / DB 35°C |
| | Operating temperatures in heating mode (min/max) | - / DB 27°C |

(1) Test conditions: the nominal data refers to the EN14511 Standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C - COOLING MODE: Temperature: outdoor environment DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C. The energy efficiency classes refer to a range between A+++ and D.

(2) Declaration of test data in a semi-anechoic chamber at a distance of 2m, minimum pressure in ventilation only.

(3) Machine supplied with grilles for 162 mm wall holes.

(4) Hermetically sealed equipment containing fluorinated gas with GWP equivalent 675.