

**AIR-TO-AIR HEAT PUMPS WITHOUT EXTERNAL UNIT**

# UNICO PRO

[EVAN]

Size	<b>30, 35</b>
Energy class	<b>A+, A</b>
Technology	<b>inverter</b>
Refrigerant	<b>R32</b>



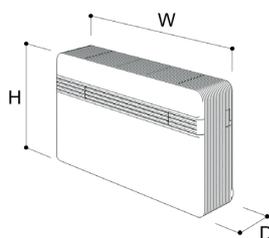
## Professional performance

High cooling capacity (up to 3.5 kW), to meet the needs of even the largest spaces. Maximum acoustic comfort, in all operating conditions, thanks to state-of-the-art electronics perfectly synchronised with the compressor. And high energy efficiency (up to class A+) for air conditioning that optimises consumption.

## Designed by Matteo Thun and Antonio Rodriguez

The prestigious Italian design studio has created for Olimpia Splendid a unit with clean, essential lines, awarded in numerous international competitions, minimising its visual impact on the environment and promoting seamless integration of comfort technologies into living spaces.

## DIMENSIONS AND WEIGHT



		30	35
W	mm	903	903
H	mm	520	520
D	mm	215	215
WEIGHT	kg	39	39

- Cooling**
- Heating**
- Dehumidification**
- Ventilation**
- Auto Mode**
- Eco Mode**
- Silent Mode**
- Timer**

## TECHNICAL INFO

- Condensate drain mandatory if used for heating. See the installation manual for details.
- In the absence of condensate drainage, it is possible to configure the machine, during installation, in COLD ONLY version by deactivating the heating function. If necessary, it is also possible to configure the machine in WARM ONLY by deactivating the heating function.
- Main internal components accessible from the front with the machine already installed.
- 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.
- Dry contact for enable or energy boost.
- There is an RS485 port prepared for controlling the unit with external BMS in Modbus RTU language.

## COMPATIBLE ACCESSORIES

<b>B0999</b>	Wireless control for radiators	
<b>B1029</b>	Wireless thermostat	
<b>B1030</b>	IAQ wireless thermostat	
<b>B1128</b>	Relay wireless	
<b>B0984</b>	Kit for preparing holes with a diameter of 200 mm	
<b>B0564</b>	Grille kit diameter 160 mm	
<b>B0620</b>	Heating cable	
<b>B0753</b>	Rain cover kit for 200 mm grilles	



## TECHNICAL DATA

TECHNICAL DATA				Unico Pro 30 HP EVAN	Unico Pro 35 HP EVAN
Product code				02238	02239
EAN code				8021183022384	8021183022391
Nominal cooling capacity	Pnominale	(1)	kW	2.6	3.1
Output power in cooling mode (min/rated/max)		(1)	kW	1,9 / 2,6 / 3,4	1,9 / 3,1 / 3,5
Cooling power with Silent Mode function			kW	1,9	1,9
Absorbed power in cooling mode (min/rated/max)		(1)	kW	0,5 / 0,8 / 1,5	0,5 / 1,2 / 1,5
Absorption in cooling mode (min/nom/max)		(1)	A	3,1 / 4,0 / 7,5	3,1 / 4,3 / 7,5
Energy consumption for double-duct equipment - cooling	QDD	(1)	kWh/h	0,8	0,8
Energy efficiency class in cooling		(1)		A+	A
Indoor air flow rate in cooling mode (min/average/max)			m³/h	350 / 390 / 490	350 / 390 / 490
Outdoor air flow rate in cooling mode (min/average/max)			m³/h	120 / - / 600	120 / - / 600
Dehumidification capacity			l/h	1,3	1,3
EER	EERd	(1)		3,1	2,6
Nominal heating capacity	Pnominale	(1)	kW	1.8	2.4
Output power in heating mode (min/rated/max)		(1)	kW	1,5 / 1,8 / 3,0	1,5 / 2,4 / 3,2
Heating power with Silent Mode function			kW	1,5	1,5
Absorbed power in heating mode (min/rated/max)		(1)	kW	0,4 / 0,5 / 1,4	0,4 / 0,8 / 1,4
Absorption in heating mode (min/nom/max)		(1)	A	2,5 / 3,6 / 6,8	2,5 / 3,8 / 6,8
Energy consumption for double-duct equipment - heating	QDD	(1)	kWh/h	0,5	0,7
Energy efficiency class in heating mode		(1)		A	A
Indoor air flow rate in heating mode (min/average/max)			m³/h	350 / 390 / 490	350 / 390 / 490
Outdoor air flow rate in heating mode (min/average/max)			m³/h	120 / - / 600	120 / - / 600
COP	COPd	(1)		3,4	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)	32-41	32-43
Internal sound pressure in Silent Mode			dB(A)	34	34
Energy consumption in "thermostat off" mode	PTD		W	22	22
Energy consumption in "standby" mode (EN 62301)	PSB		W	0,5	0,5
Supply voltage			V-F-Hz	230-1-50	230-1-50
Supply voltage (min/max)			V	198 / 264	198 / 264
Power cable (N° pole x section mmq)				3 x 1,5	3 x 1,5
Internal ventilation speed				3	3
External ventilation speed				6	6
Diameter wall holes		(3)	mm	162 / 202	162 / 202
Maximum wall hole depth			m	1	1
Degree of protection of casing				IP 20	IP 20
Refrigerant gas		(4)	Type	R32	R32
Refrigerant gas charge			kg	0,46	0,46
Global warming potential	GWP			675	675
Maximum operating pressure			MPa	4,28	4,28
Maximum remote control range (distance/angle)			m / °	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)			mm	903 x 520 x 215	903 x 520 x 215
Dimensions (WxHxD) (with packaging)			mm	980 x 610 x 330	980 x 610 x 330
Weight (without packaging)			kg	39	39
Weight (with packaging)			kg	42	42

## LIMITS OF OPERATING CONDITIONS

Outdoor environment	Operating temperatures in cooling mode (min/max)	- / DB 43°C	- / DB 43°C
	Operating temperatures in heating mode (min/max)	DB -15°C / DB 24°C	DB -15°C / DB 24°C
Indoor environment	Operating temperatures in cooling mode (min/max)	DB 18°C / DB 35°C	DB 18°C / DB 35°C
	Operating temperatures in heating mode (min/max)	- / DB 27°C	- / 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 202 mm wall holes. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.

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