



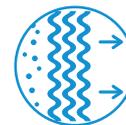
# UNICO SMART

2.7 kW of power



## PURE SYSTEM

Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).



## HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons (only in HP version).



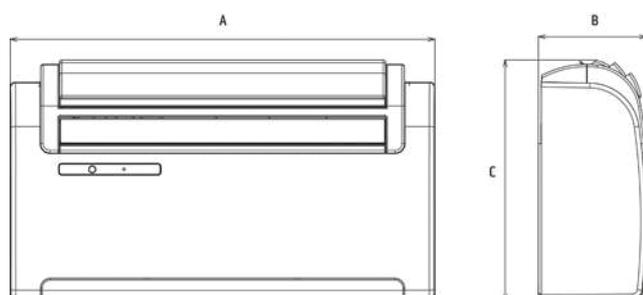
## FEATURES

- Power: 2.7 kW
- Available in the versions: SF (Cool Only) - HP (Heat Pump)
- Cooling class **A**
- R410A refrigerant gas
- Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).
- Multifunction remote control

## FUNCTIONS

- **Cooling, heating** (HP only), **dehumidification and ventilation**
- **Auto function:** modulates the operating parameters in relation to the room temperature.
- **Sleep function:** gradually increases the set temperature and ensures reduced noise for better night-time well-being.
- **24 H timer**

## DIMENSIONS AND WEIGHT



		<b>12</b>
<b>A</b>	mm	902
<b>B</b>	mm	229
<b>C</b>	mm	516
<b>Weight</b>	kg	40

**TECHNICAL DATA**

			Unico Smart 12 SF	Unico Smart 12 HP
<b>PRODUCT CODE</b>			01493	01494
<b>EAN CODE</b>			8021183014938	8021183014945
Cooling power (min/max)		kW	-	-
Heating power (min/max)		kW	-	-
Nominal cooling capacity (1)	Prated	kW	2,7	2,7
Nominal heating capacity (1)	Prated	kW	-	2,5
Nominal power consumption for cooling (1)	PEER	kW	1,0	1,0
Nominal absorption for cooling (1)		A	4,3	4,3
Nominal power consumption for heating (1)	PCOP	kW	-	0,8
Nominal absorption for heating (1)		A	-	3,3
Nominal energy efficiency index (1)	EERd		2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1
Energy efficiency class in cooling (1)				
Energy efficiency class in heating (1)			-	
Energy consumption in "thermostat off" mode	PTO	W	14,0	14,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	1,0	1,0
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	-	0,8
Supply voltage		V-F-Hz	230-1-50	230-1-50
Supply voltage (min/max)		V	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	-	-
Absorption in cooling mode (min/max)		A	-	-
Absorbed power in heating mode (min/max)		kW	-	-
Maximum absorption in heating mode (min/max)		A	-	-
Maximum power consumption with electric resistance heating		kW	-	-
Maximum absorption with electric resistance heating		A	-	-
Dehumidification capacity		l/h	0,9	1,1
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating environment (max/med/min)		m³/h	-	450 / 400 / 330
Air flow rate with electric resistance heating environment		m³/h	-	-
External air flow rate in cooling (max/min)		m³/h	520 / 350	500 / 340
External air flow rate in heating (max/min)		m³/h	-	500 / 340
Internal ventilation speed			3	3
External ventilation speed			3	3
Diameter wall holes**		mm	162/202	162/202
Electric resistance heating			-	-
Maximum remote control range ( distance / angle )		m / °	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	902 x 516 x 229	902 x 516 x 229
Dimensions (WxHxD) (with packaging)		mm	980 x 610 x 350	980 x 610 x 350
Weight (without packaging)		kg	40	40
Weight (with packaging)		kg	44	44
Internal sound pressure (min/max) (2)		dB(A)	33-42	33-42
Internal sound power level (EN 12102)	LWA	dB(A)	57	57
Degree of protection provided by covers			IP20	IP 20
Refrigerant gas*		Type	R410A	R410A
Global warming potential	GWP		2088	2088
Refrigerant gas charge		kg	0,54	0,55
Maximum operating pressure		MPa	3,6	3,6
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5

**LIMITS OF OPERATING CONDITIONS**

Indoor ambient temperature	<b>Maximum temperature in cooling</b>	DB 35°C - WB 24°C
	<b>Minimum temperature in cooling</b>	DB 18°C
	<b>Maximum temperature in heating</b>	DB 27°C
	<b>Minimum temperature in heating</b>	-
Outdoor ambient temperature	<b>Maximum temperature in cooling</b>	DB 43°C - WB 32°C
	<b>Minimum temperature in cooling</b>	-
	<b>Maximum temperature in heating</b>	DB 24°C - WB 18°C
	<b>Minimum temperature in heating</b>	DB -15°C

(1) Test conditions: the data refer to the EN14511 standard - HEATING MODE: Temperature: outdoor environment DB 7°C / WB 6°C; indoor environment DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor environment DB 27°C / WB 19°C

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

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

\*\* Machine supplied with 202 mm wall opening grilles. If necessary, to replace an old Unico, the machine can also be installed with holes of 162 mm in diameter.