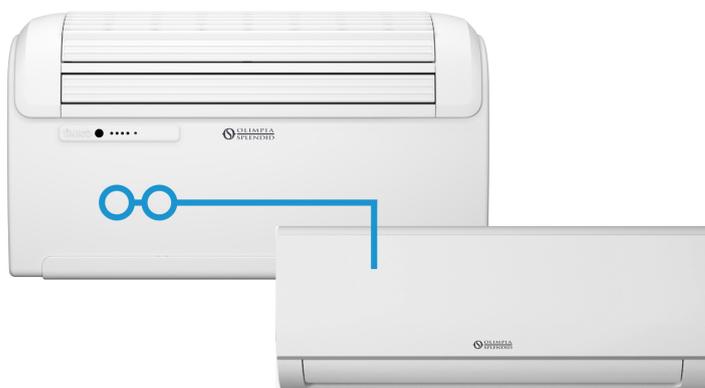


# Unico Twin

The only system to air condition two rooms without outdoor units

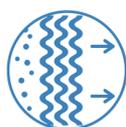
Cod. 02138 EAN 8021183021387

Cod. 01996 EAN 8021183019964



## TWIN TECHNOLOGY

Twin technology allows the use of the two units (Master unit and Wall unit) simultaneously or separately depending on requirements, both in heating and cooling mode.



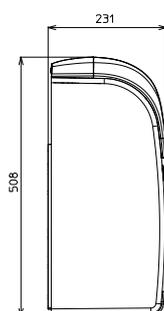
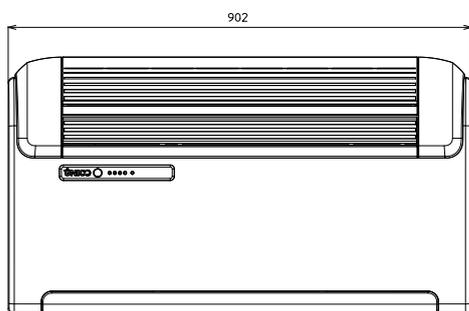
## PURE SYSTEM

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).



## SYSTEM features

Power: 2.6 kW for the master unit and 2.5 kW for the wall unit  
Independent or combined operation: if simultaneous operation is chosen, the two units share the available power and are forced to the minimum available speed  
Available in the version: HP (heat pump)  
Cooling class: **A**  
Coolant gas: R410A  
Equipped with a multi-filtration system, consisting of an electrostatic filter (with anti-dust function) and an activated carbon filter (effective against odours).  
Dual multi-function remote control

## MASTER features

Cooling capacity: 2.6 kW  
Capacity in HP (heat pump) function: 2.5 kW  
Installation versatility: Top or bottom wall installation.  
Ease of installation: Unico Twin is installed completely from the inside in a few minutes.  
Wide flap for a homogeneous diffusion of the air into the room.

## WALL features

Nominal cooling capacity: 2.5 kW Nominal heating capacity: 2.2 kW Sound power level: 46 dB(A)

## FUNCTIONS

### Cooling, heating, 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**

NEW

			Unico Twin Master 30 HP RFA	Unico Twin Wall S1
PRODUCT CODE			02138	01996
Nominal cooling capacity (1)	Prated	kW	 2,6	 2,5
Nominal heating capacity (1)	Prated	kW	 2,5	 2,2
Nominal power consumption for cooling (1)	PEER	kW	0,9	0,9
Nominal absorption for cooling (1)		A	4,3	4,2
Nominal power consumption for heating (1)	PCOP	kW	0,8	0,7
Nominal absorption for heating (1)		A	3,5	3,2
Nominal energy efficiency index (1)	EERd		2,7	-
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	-
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	-
Energy consumption for double pipe appliances (1) cooling function	QDD	kWh/h	0,9	-
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	0,8	-
Supply voltage		V-F-Hz	230-1-50	-
Supply voltage (min/max)		V	198 / 264	-
Maximum power consumption in cooling mode (1)		W	1200	1200
Maximum absorption in cooling mode (1)		A	5,4	5,4
Maximum power consumption in heating mode (1)		W	1080	1080
Maximum absorption in heating mode (1)		A	4,8	4,8
Dehumidification capacity		l/h	1,1	1,0
Air flow rate in cooling environment (max/med/min)		m³/h	490 / 430 / 360	310 / 230 / 180
Air flow rate in heating environment (max/med/min)		m³/h	450 / 400 / 330	470 / 360 / 310
Air flow rate in cooling environment (max/med/min)		m³/h	500 / 370 / 340	-
External air flow rate in heating (max/min)		m³/h	500 / 370 / 340	-
Internal ventilation speed			3	3
External ventilation speed			3	-
Diameter wall holes**		mm	162/202	-
Dimensions (WxHxD) (without packaging)		mm	902 x 516 x 229	805 x 285 x 194
Weight (without packaging)		kg	40,5	7,5
Internal sound power level (EN 12102)	LWA	dB(A)	57	46
Internal sound pressure (min/max) (2)		dB(A)	 33-42	 25-36
Degree of protection provided by covers			IP 20	IP X1
Refrigerant gas*		Type	R410A	-
Global warming potential	GWP		2088	-
Refrigerant gas charge		kg	0,78	-
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1
Connecting liquid pipeline diameter		inch - mm	-	1/4 - 6,35
Connecting gas pipeline diameter		inch - mm	-	3/8 - 9,52
Maximum piping length		m	-	10
Maximum height difference		m	-	5

## CONDIZIONI LIMITE DI FUNZIONAMENTO

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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

Performance and optimal operation are guaranteed with units operating alternately.

In simultaneous operation ambient air fan speed works at minimum speed.

Performance is measured with 5 m gas pipes.

(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.

\* Equipment not hermetically sealed containing fluorinated gases with an equivalent GWP of 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.