

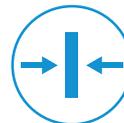
UNICO TOWER

The air conditioner without outdoor unit, in vertical format, with inverter motor



SPACE SAVING

Developed vertically, it brings comfort where any other installation would be impossible, such as the corner of a room or the space between two windows.



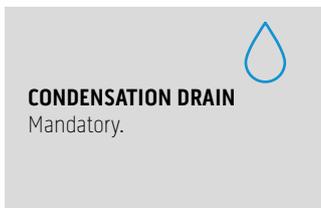
INVERTER SYSTEM

New generation inverter motor, with a wide frequency range and DC inverter fans.



TOUCHSCREEN DISPLAY

Backlit display and touch controls on the machine.



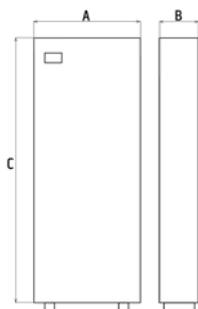
FEATURES

- Max power: 2.9 kW
- Available in the version: HP (heat pump)
- Cooling class: up to **A**
- Coolant gas: R410A
- All-metal body
- Floor-mounted installation
- Backlit display with on-board touch controls
- Multifunction remote control with LCD display as standard

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Economy function:** allows energy savings, automatically optimising machine performance
- **Auto function:** modulates the operating parameters in relation to the room temperature.
- **Silent Mode function:** mode that sets the machine to the lowest noise level. The compressor and fans are set to reduce the sound pressure down to only 31 dB(A).
- **24 H timer**

DIMENSIONS AND WEIGHT



		25
A	mm	470
B	mm	185
C	mm	1390
Weight	kg	54

TECHNICAL DATA

			Unico Tower 25 HP RVA
PRODUCT CODE			02153
EAN CODE			8021183021530
Cooling power (min/max)		kW	1,5 / 2,9
Heating power (min/max)		kW	1,5 / 3,1
Nominal cooling capacity (1)	Prated	kW	2,4
Nominal heating capacity (1)	Prated	kW	2,3
Nominal power consumption for cooling (1)	PEER	kW	0,9
Nominal absorption for cooling (1)		A	4,9
Nominal power consumption for heating (1)	PCOP	kW	0,7
Nominal absorption for heating (1)		A	3,7
Nominal energy efficiency index (1)	EERd		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	29
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	0,7
Cooling power with Silent Mode function		kW	1,5
Heating power with Silent Mode function		kW	1,5
Supply voltage		V-F-Hz	230-1-50
Supply voltage (min/max)		V	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,5/1,7
Absorption in cooling mode (min/max)		A	3,5/8,5
Absorbed power in heating mode (min/max)		kW	0,4/1,4
Maximum absorption in heating mode (min/max)		A	3,1/6,20
Maximum power consumption with electric resistance heating		kW	-
Maximum absorption with electric resistance heating		A	-
Dehumidification capacity		l/h	1,0
Air flow rate in cooling environment (max/med/min)		m³/h	260/200/175
Air flow rate in heating environment (max/med/min)		m³/h	260/200/175
Air flow rate with electric resistance heating environment		m³/h	-
External air flow rate in cooling (max/min)		m³/h	486/230
External air flow rate in heating (max/min)		m³/h	486/230
Internal ventilation speed			3
External ventilation speed			6
Diameter wall holes		mm	162
Electric resistance heating			-
Maximum remote control range (distance/angle)		m / °	8 / ±80°
Dimensions (WxHxD) (without packaging)		mm	470 x 1390 x 185
Dimensions (WxHxD) (with packaging)		mm	-
Weight (without packaging)		kg	54
Weight (with packaging)		kg	-
Internal sound pressure (min/max) (2)		dB(A)	27-40
Silent Mode sound pressure level		dB(A)	31
Degree of protection provided by covers			IP20
Refrigerant gas*		Type	R410A
Global warming potential	GWP		2088
Refrigerant gas charge		kg	0,50
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	-
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	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.