



UNICO INVERTER 9 SF Code 01068
 UNICO INVERTER 9 HP Code 01060
 UNICO INVERTER 12 SF Code 01067
 UNICO INVERTER 12 HP Code 01052

FIXED AIR CONDITIONER WITH INVERTER DC MOTOR, WITHOUT OUTDOOR UNIT

FEATURES

Two power models: 2.3 kW - 2.7 kW
 Available in two versions: SF (cooling only) – HP (heat pump)
 Double class A efficiency rating
 Ecologic gas R410A
 Installation versatility: High or low wall-installation.
 Easy to install: Unico can be installed in a few minutes, with no outside work required.
 Wireless wall control (optional)
 Large flap for uniform distribution of air in the room
 Multi-function remote control
 24h timer

FUNCTIONS

Economy function: it enables energy saving by automatically optimizing the unit's performance
 Fan only function
 Dehumidification only function
 Auto function: adjusts operation parameters based on ambient temperature
 Sleep function: gradually increases the temperature setting and guarantees reduced noise level for greater comfort during the night.



NO OUTDOOR UNIT

Our patented Unico technology has made it possible to combine into a single unit what is traditionally divided into two, outdoor motor and split unit indoor; this respects the original spirit of the buildings, blending in perfectly with the architecture and substantially simplifying projects. All you see on the outside of the building are the two air aspiration and exhaust grilles.



CLASSIC SYSTEM

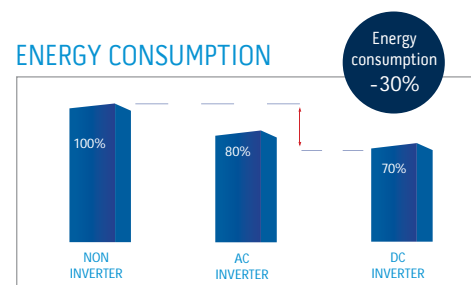
UNICO



INVERTER SYSTEM

Thanks to this technology, motor speed is constantly adjusted to match temperature settings. This feature guarantees a 30% energy saving over motors that apply traditional technology.

ENERGY CONSUMPTION



PURE SYSTEM 2

A multi-filtering system combines an electrostatic filter (which removes small particles such as smoke, dust, pollen, pet hair to prevent allergic reactions) with an activated carbon filter (which eliminates bad odours and inactivates any harmful gas that may be present)



WARM SYSTEM

Air conditioner with heat pump. Thanks to this function you can heat a room, replacing traditional heaters during in-between seasons or combined with them for added warmth.

TECHNICAL DATA - UNICO INVERTER



Product name			UNICO INVERTER 9 SF	UNICO INVERTER 12 SF	UNICO INVERTER 9 HP	UNICO INVERTER 12 HP
Product code			01068	01067	01060	01052
Rated cooling power (1)	Prated	kW	2,3	2,7	2,3	2,7
Cooling power (min/max) (1)		kW	1,4 / 2,7	1,8 / 3,1	1,4 / 2,7	1,8 / 3,1
Rated heating power (1)	Prated	kW	-	-	2,4	2,7
Heating power (min/max) (1)		kW	-	-	1,4 / 2,7	1,8 / 3,0
Rated absorbed power in cooling mode (1)	PEER	kW	0,9	1,0	0,9	1,0
Rated absorbed power in cooling mode (min/max) (1)		kW	0,46 / 1,30	0,58 / 1,40	0,46 / 1,30	0,58 / 1,40
Rated absorption in cooling mode (1)		A	3,9	4,6	3,9	4,6
Absorption in cooling mode (1)		A	2,1 / 5,8	2,7 / 6,4	2,1 / 5,8	2,7 / 6,4
Rated absorbed power in heating mode (1)	PCOP	kW	-	-	0,8	0,8
Absorbed power in heating mode (min/max) (1)		kW	-	-	0,42 / 1,20	0,53 / 1,30
Rated absorption in heating mode (1)		A	-	-	3,40	3,80
Absorption in heating mode (min/max) (1)		A	-	-	1,9 / 5,3	2,4 / 5,9
Rated energy efficiency index (1)	EERd		2,7	2,7	2,7	2,7
Rated efficiency coefficient (1)	COPd		-	-	3,2	3,2
Energy efficiency class in cooling mode (1)			A	A	A	A
Energy efficiency class in heating mode (1)			-	-	A	A
Energy consumption for double duct units (1) in cooling mode	QDD	kWh/h	0,9	1,0	0,9	1,0
Energy consumption for double duct units (1) in heating mode	QDD	kWh/h	-	-	0,8	0,8
Power supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Minimum/maximum power supply voltage		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum absorbed power in cooling mode (1)		W	1300	1400	1300	1400
Maximum absorption in cooling mode (1)		A	5,8	6,4	5,8	6,4
Maximum absorbed power in heating mode (1)		W	-	-	1200	1300
Maximum absorption in heating mode (1)		A	-	-	5,3	5,8
Dehumidification rate		l/h	1,0	1,1	1,0	1,1
Air flow rate in cooling mode (max/med/min)		m³/h	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360	490 / 430 / 360
Air flow rate in heating mode (max/med/min)		m³/h	-	-	490 / 430 / 360	490 / 430 / 360
External air flow rate in cooling mode (max/min)		m³/h	520 / 350	520 / 350	520 / 350	500 / 340
External air flow rate in heating mode (max/min)		m³/h	-	-	520 / 350	500 / 340
Indoor ventilation speed			3	3	3	3
Outdoor ventilation speed			3	3	3	3
Diameter of wall holes		mm	202**	202**	202**	202**
Dimensions (Width x H x Depth) (without packaging)		mm	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229	902 x 506 x 229
Weight (without packaging)		Kg	39	39	39	40
Sound power (indoor only) (EN 12102)	LWA	dB(A)	55	56	55	56
Degree of protection of casing			IP 20	IP 20	IP 20	IP 20
Refrigerant gas	Tipo-Type		R410A	R410A	R410A	R410A
Overall heating potential	GWP	kgCO2 eq.	1975	1975	1975	1975
Refrigerant gas charge		kg	0,57	0,57	0,57	0,58
Power supply cable (no. of poles x section m2)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

OPERATING LIMITS

INDOOR AMBIENT TEMPERATURE	Maximum operating temperature in cooling mode	DB 35°C - WB 24°C
	Minimum operating temperature in cooling mode	DB 18°C
	Maximum operating temperature in heating mode*	DB 27°C
	Minimum operating temperature in heating mode*	-
OUTDOOR AMBIENT TEMPERATURE	Maximum operating temperature in cooling mode	DB 43°C - WB 32°C
	Minimum operating temperature in cooling mode	DB -10°C
	Maximum operating temperature in heating mode*	DB 24°C - WB 18°C
	Minimum operating temperature in heating mode*	DB -15°C

(1) TEST CONDITIONS: data refer to regulation EN14511

**Thanks to the fact that the same centre distance of air inlet and outlet holes has been maintained and that installation with 162 mm holes is also possible, the units in the Unico and Unico Inverter range can easily replace the Unico Star and Unico Sky models previously installed.