

# AIR CONDITIONER



STERIONIZER™

Product range	mobile air conditioners
Brand name	Zibro
Model	P 229
Colour	silver
EAN code	

EER / COP *	W/W	2.70
EE-Class / Heating performance		A
Capacity *	W	2900
Power consumption *	kW	1.03
Power supply	V/Hz/Ph	230 / 50 / 1
Current	A	5
Air flow **	m <sup>3</sup> /h	300
For rooms up to **	m <sup>3</sup>	65-90
Dehumidification capacity ***	L/24 h	26
Operating range	°C	16-35
Thermostatic range	°C	16-27
Sound pressure level	dB(A)	40-51
Fan speed		3 positions
Positive and negative ions generated	ions/sec	1.0*10 <sup>9</sup>
Control		electronic / remote
Air filter	type	Screen/Active carbon/Bacteriostatic 3M™ HAF
Refrigerant	type/charge (g)	R 410A / 650
Dimensions (w x d x h)	mm	440 x 390 x 745
Compressor type		rotary
Protection class	IP	20
Weight	kg	32
Guarantee	years	2

\* Conform EN 14511-2007/Single duct use

\*\* To be used as indication

\*\*\* Moisture removal at 27°C, 60% RH

4 Hose adapters	AAA batteries (2 pcs.)
2 Exhaust hose	
1 Window air outlet	
Remote control	

Manual

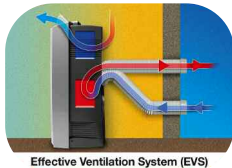


A plastic bag with headercard	t.b.d.
containing 1 active carbon filter	
and 1 3M™ bacteriostatic HAF filter	

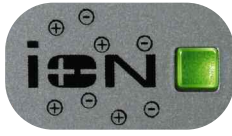
**zibro**

home made climates

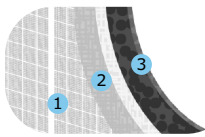
# AIR CONDITIONER



EVS



Sterionizer™



3-layer air filter

Featuring a  
**3M High Air Flow**  
Filtration System

3M™ HAF high efficiency  
pollen filter

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**EVS system:** When the optionally available second duct is used, the effectivity can be improved.

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**Vertical Outlet:** The vertical outlet combined with the EVS system gives the end user a higher comfort level than front blowing single duct air conditioners because draught is prevented.

By blowing upwards along the wall and the ceiling the air will be more evenly balanced through the room. Simply because the cold air is relatively long in the room and mixes in a better way with the air in the room. This results in lower air speed and less cold air stream. The end-user will not feel the direct cold air from the air conditioner he will only experience a lower temperature and a higher comfort level in the room itself.

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**Sterionizer™:** creates mountain and forest air in your home. The indoor climate in homes and offices is continuously consumed by people and machines which will make the air dirty. Dirty -not fresh- air will contain less Oxygen, more Carbon Dioxide, more dust, more viruses, more allergens etc etc. This will cause people to feel bad after staying longer time in such spaces.

As a reaction people start opening windows in order to create an air quality equal to outdoors. These days most people live in highly urbanised and industrialised environments which means that also the outdoor air is highly contaminated (dirty) and not as fresh as the air in Mountain or forest areas. Why is Mountains or forest air experienced as being fresh? The reason lays in the fact that this air is characterized by the high level of bi-polar ionization. Meaning the positive and negative ions are in perfect balance. This in opposite to the indoor air where the air is de-ionized due to lack of ions.

The Sterionizer™ is a patented system which provides positive as well as negative ions. In this way re-creating the mountain and forest environment in the end-users home.

The Sterionizer™ advantages:

- Inactivation of bacteria's, viruses, pollen, germs and allergens. This inactivation is caused by the clustering of the positive and negative ions on the surfaces of the harmful particles. This will create a chemical reaction on the mentioned surfaces resulting in inactivation of the harmful particles.
  - Bi-polar ionization will discharge the natural charge of dust. This will prevent dust (or other harmful particles) to stick to other items or substances.
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**3-layer air filter:** The air conditioner is equipped with a 3 layer bacteriostatic filter package to clean the circulated room air. The 3M™ HAF air filter delivered together with this unit captures allergens like bacteria, dust and pollen from the circulated air with an efficiency up to 80%. Pollen are well known as an important stimulus for hay-fever allergy. The active carbon filter removes unpleasant odours from the air and the screen filter captures large dust particles. The screen filter can be cleaned with a vacuum cleaner and/or lukewarm water.

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**Automatic mode:** In the automatic mode, the device will cool, dehumidify or heat(\*) depending on the ambient temperature. When the temperature in the room changes, the mode changes automatically in order to maintain the desired temperature as accurately as possible. The ventilator speed also adjusts automatically. The colour of the 1/2-transparent ring around the button on the front of the device will change depending on the mode. (\*) only applicable on models with heating.

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**Electronic controls:** The unit is equipped with electronic touch controls for low sound and lights off.

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**Exclusive design LCD-display on remote control:** This unit can be operated with an easy to handle infrared remote control. This remote control is an exclusive Zibro design.

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**Clock:** The LCD display on the remote control shows the actual time.

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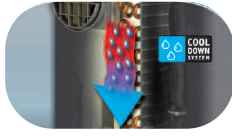
**Temperature setting:** The desired temperature can be set between 16 and 32°C through the remote control.

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**Fan speed setting:** Select the fan speed: low, medium or high. The display will show the chosen speed.

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# AIR CONDITIONER



Cooldown-effect



Exhaust duct



Window fitting kit



Full colour box

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**Timer:** Operating time to be set up to 24 hours. The unit switches off or on automatically when the set time has run down.

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**Air conditioning:** The unit produces, with relatively high energy efficiency (A-rating), a pleasant and refreshing high capacity cool airflow. Unhealthy particles are captured by the air filters. Performance is optimal when the entering of warm outside air to the room is avoided.

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**Cooldown effect:** The unit removes humidity by condensation. The condensate cools the condenser and is removed by the hot air discharge. This will increase the energy efficiency; the so called "cool down" effect.

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**Dehumidification:** The unit can also be used as dehumidifier only. In that case the exhaust hose must not be connected and warm air returns in the room.

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**Heating:** When the HEATING mode is selected, the unit produces, with relatively high energy efficiency, a pleasant and refreshing high capacity warm airflow. Unhealthy particles are captured by the air filters.

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**Continuous drainage:** In case of use as dehumidifier only it is necessary to connect a continuous drainage tube to the unit. (1 meter of tube included in box)

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**Pump for continous drainage:** This unit is equipped with an automatic pump for continous drainage. Simply connect the included drainhose to the pump outlet and the pump will automatically start draining when needed.

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**Exhaust duct:** Hot air and humidity is transported, by an easy to install exhaust duct, outside the room.

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**Window fitting kit:** The adaptor at the end of the exhaust duct fits into an adjustable bar, which can be placed between the window and the window frame. This refrains warm air from re-entering the room.

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**Design:** Futuristic, slim, high quality and exclusive Zibro design including LCD-display on the remote control.

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**Filter package:** Per season 2 to 3, 3M™ Bacteriostatic HAF and active carbon filters will be used. These filters are available in a consumer package (including 1 3M™ HAF and 1 active carbon filter).

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**Full colour box:** The unit is delivered complete with auxiliary parts in a stylish full colour box showing application and operation information in 13 languages.

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