

TECNO LINE

MODELS:

Compact 1E/2E/3E Germ FAN

Variant with:

- Air Quality Sensor For environments with the presence of odors
- SMOKE sensor For rooms with smoke
- Inox BOX (Standard) White BOX (Option)

Patent application n. PCT/IB2009/055827



BIPOLAR IONIZATION FOR AIR TREATMENT & SANIFICATION WITH OZONE CONTROLLED

Model	1E Germ FAN	2E Germ FAN	3E Germ FAN
Environment volume (m ³)	Min 50 – Max *200	Min 70 – Max *250	Min 90 – Max *280
Air flow (m ³ /h)	90	140	160
Ionization type	Bipolar with 1 unit 370 mm type E	Bipolar with 2 units 370 mm type E	Bipolar with 2 units 370 mm type E
Ventilation	Axial—1 speed	Axial—1 speed	Axial—1 speed
Noise Level dB (A)	~ 40	~ 40	~ 55
Weight (Kg)	5,3 – 5,8 (inox)	5,5 – 6,0 (inox)	5,6 – 6,1 (inox)
Ionizing control	Automatic with Air Quality sensor & Adjustable sensitivity	Automatic with Air Quality sensor & Adjustable sensitivity	Automatic with Air Quality sensor & Adjustable sensitivity
Power consumption (W)	25	35	40
Dimension L/W/H (mm)	550/140/140	550/140/140	550/140/140
Supply voltage	230 V/ 1 /50 Hz	230 V/ 1 /50 Hz	230 V/ 1 /50 Hz
Air filtration type	G4	G4	G4
Remote control	With potentiometer	With potentiometer	With potentiometer

* The values shown are purely indicative and should always be adjusted according to actual situations of use.

INSTALLATION

Fixing	<ul style="list-style-type: none"> • On the wall at a height of 1,8 mt.
Maintenance	<ul style="list-style-type: none"> • Axial fan cleaning once a year.* • Ionization tube cleaning every 6 months.* • G4 filter replacement every 6 months.* • Air Quality sensor calibration check every 5 years.

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BENEFITS OF TECHNOLOGY

The “**Bipolar Controlled Ionization**” system patented by Periso SA guarantees better air quality, purifying it from harmful microorganisms and contaminants.

Thanks to a natural system of beneficial ions emission, it is possible to promote the **healthiness of the environment**, physical comfort and to improve respiratory activity.

The system is controlled by a **sensor** that is very sensitive to volatile organic compounds and suspended particulates. This enable the activation of effective oxygen clusters and the decomposition of many complex odorous molecules into simpler elements.

In this way the **proliferation** of microorganisms and molds is eliminated, thanks to the damage to their cell membrane.

Food preservation can be guaranteed as well thanks to the natural sanification system, without alter the organoleptic characteristics of food.

FIELDS OF APPLICATION

- Health service sector
- Hotel and Catering
- Polyclinic
- Analysis centers
- Air treatment sector

