



Operating Manual

Ionizing Fan

Stat-Fan O ODR/OUR



Stat-Fan O

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Stat-Fan O Odr/Our

Version 3.0
Operating Manual

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1 GENERAL

Stat-Fan O is a self-adjusting ion blower with an adjustable airflow and it produces positive and negative ions. Stat-Fan O will neutralise all objects in its airstream.

2 Basic Safety Precautions

WARNING



Don't operate the ionizer in explosive /fire hazard environment.



Protect the ionizer against water.



Select a location free of water .



Whilst the ionizer is switched on, do not touch the emitter with any objects. The emitter are protected by a grid for extra safety.



In case of smoke, smell of fire from the ionizer turn the ionizer off and disconnect it from the mains.

If water or other foreign matter enters the ionizer, turn off the master switch and disconnect it from the mains.



Do not take apart or modify the ionizer.



Prevent damage caused by dropping,



Always use original power adapter.



Use adapter for correct power.



For maintenance and repair work contact manufacture.



CAUTION

clean the ionizer if necessary



- Always disconnect when cleaning. The cabinet may be cleaned with a piece of cloth, moistened with spirit max 70% alcohol.



- Always disconnect when cleaning. The internal components can be cleaned by blowing compressed air max 0,5bar into the air ducts.



CAUTION



Starting up a damaged ionizer may result in a short circuit, fire or electric shock.



Don't put foreign objects inside protection grid, this can result in electric shock.



Always disconnect the ionizer when cleaning the device, risk of electric shock



The front and the back of the Ionizer must be kept free to allow unimpeded passage of air.



To increase the airstream and cover a larger area increase up the fan speed.



During normal operation the red LED will be lighted up, in case of failure the red LED switch off.

If the red LED does not light up, turn off the ionizer and contact the manufacturer.

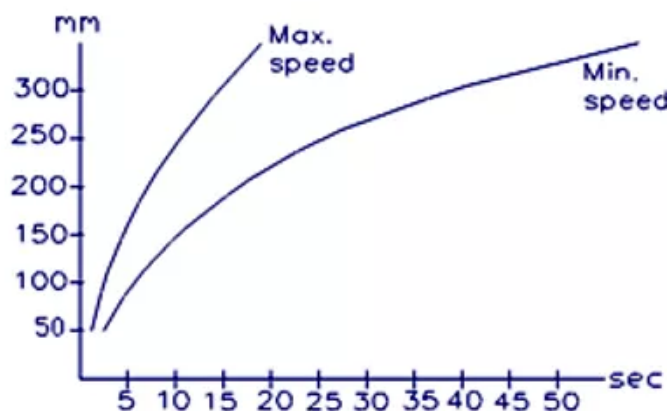
3 Technical Data

Effective Distance	5cm – 60cm
Discharge time	See diagram A
Ozone	(not trecible)
Ion source	Ionizing by higvoltage ion generator
Maximum air flow	125L/m
Weight	478g (Total)
Dimensions [cm]	8Hx8Wx8L(without stand) with stand 21cm H
Temperature range	-20- +40 °C
AC/DC adapter	ODR 240V,AC 50 / 60Hz -18V OUR 110VAC 60Hz -18V
Rated electric power supply	18VAC-7VA
Neutralization	<+/- 20V
Overvoltage Category	Category II
Power consumption	1W(nom)
User Site	device may only be used indoors



The diagram shows the rate of neutralization of an electrostatically charged, isolated conductor. The conductor is charged with 1000 volts, and the time given i seconds is the time it takes Stat-FanO to reduce the charge to 100 volts. The two curves show the neutralizing rates at maximum and minimum air flow

Diagram A



4 Appliance overview



1. Red LED Ionizer ON.
2. Fan speed
3. Air flow separated from electronic parts.
4. Main Switch ON(1)/OFF(0)
5. DC connection adapter 2,1mm

Adapter

- Only use Stat-Fan O original adapter delivered with your Stat-Fan
- Adapter ODR is for 230V AC 50-60Hz- 18V 7VA
- Adapter OUR is for 110V AC 60Hz - 18V 7VA
- Adapter is connected to the Stat Fan with a DC stick 2,1mm



5 Unpacking, Setup and Start up.

Remove device carefully from packaging.

Included in package

1. Stan-Fan O/Ionizer
2. Mains adapter
3. Operating nstructions

Placing

Place Stat -Fan on a level surface

Mains connection



- Before connecting adapter make sure main switch is in position 0. Connect the adapter (included) to the Stat-Fan O. Then connect the adapter to the mains.
- Adapter is specially made for SFO. Only use original mains adapters. Adapter ODR for 230V and OUR adapter for 110V.

6 Start up

Switch on the Stat-Fan O



Set main switch to "1" (ON).

The red LED lights up.

During normal operation the red LED will lighten, in case of a fault the red LED will not be on. If the red LED is not lighted, turn off the ionizer at the main switch and turn it on again. If it still does not work, disconnect the device from the mains and contact the manufacturer.

After use turn off with main switch "0" (OFF)



The airflow from the blower is adjustable by means of a knob on the front. To increase the fanspeed, turn the knob in a clockwise direction. To decrease the fanspeed, turn the knob in a counter clockwise direction.


Applications:





The ionizer is to be used to neutralize all static charges ,both positive and negative.

7 Service, maintenance, disposal

Cleaning

**WARNING**

 Disconnect the device from the mains before cleaning

 Do not disassemble the ionizer.

Do not use aggressive cleaning agents (solvents etc.) instead clean with a soft cloth lightly moistured in spiritits with a max alcohol content of 70%. Take care that the device is not penetrated by fluids and polish it with a dry soft cloth.

Remove loose sample residues / powder carefully with the help of a brush or hand-held vacuum cleaner.

Keep air ducts and fan clean,

Maintenance Service

Service/Repair must only be maintained by manufacturer.

Disposal

Disposal of packaging and appliance must be carried out by operator according to valid national or regional law of the location where the appliance is used.



8 Declaration of conformity

Declaration of Conformity

The declaration of conformity is issued under the sole responsibility of manufacture

Issuer

Company : Ion-Care i Vellinge AB

Address: Spikgatan 6 23532 Vellinge

Country: Sweden

Product

Name: Stat-Fan O

Model: SFO/YIB01 ODR

Description: Ionization fan

We declare that the product describe above, to witch this declaration of conformity refers to, is in conformity with the essential requirement of the legislation, according to the following directives.

2014/30/EU Electromagnetic Compatibility (EMC) EN61326-1:2013

2011/65/EU Restriction of Hazardous Substance RoHS (2)

2015/863/EU Restriction of Hazardous Substance RoHS (3)

Place and date of issue: Vellinge 20210506

Singed and issued by: Jacob Oreby

A handwritten signature in black ink, appearing to read "Jacob Oreby".

Position/Title: Site Manager

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Issuer

Company : Ion-Care i Vellinge AB

Address: Spikgatan 6 23532 Vellinge

Country: Sweden

Product

Name: Stat-Fan O AC adapter

Model: ODR 230V

Description: Power supply SFO:/YIB01 ODR

We declare that the product describe above, to witch this declaration of conformity refers to, is in conformity with the essential requirement of the legislation.

2014/35/EU Low Voltage Directive: **IEC/EN 60950-1**

2011/65/EU Restriction of Hazardous Substance RoHS (2)

2015/863/EU Restriction of Hazardous Substance RoHS (3)

2019/125/EG

2019/1782

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