



CREATING CLEAN AND HEALTHY ENVIRONMENT

In an era of globalization,

permanent deterioration of ecology and rapid expansion of cities, humanity is under a constant attack.

According to the World Health Organization, the most harmful to the human organism, among all other environmental influences, is the polluted air. The report released in 2013 announces that polluted air is the most significant threat to human health and, contrary to popular belief, the air in the premises is more dangerous than the one outside.

The rooms contain many bacteria, viruses, mold spores and other microorganisms harmful to humans. Some of these microorganisms develop due to poor air conditioning, high temperature, sometimes due to excessively dry air. In most cases, our homes have no barriers against dangerous organic particles contained in contaminated outdoor air and which are penetrating unfiltered into our homes. Modern man does not even know how many of his health problems are caused by air in his own home or workplace and that is where we spend 90% of our live. Ventilation is a first-rate addition for air conditioners that regulate the temperature but do not change the stale air in the room.

"Eco-Fresh" is a big step in the ventilation systems development. The use of Eco-Fresh in living rooms sets a new level in fresh air supply.

As a base the system "Eco-Fresh" has a silent fan with double-encapsulated ball bearings, multi-stage filtration system, thermostat, heat exchanger, ionizer and humidity sensor.

The heat exchanger keeps the same air temperature and the built-in ionizer fills the air with negative ions, which has antiseptic effect, kills disease-causing microorganisms - viruses and bacteria, preventing infections and acute respiratory diseases.



Ionized air improves working capacity, eliminates the fatigue, and positively affects the human overall tone. "Eco-Fresh" has a wide range of settings which allows this device to be used for different purposes and under different conditions. The five speed mode provides silent operation of the system during sleep and an active ventilation during the day. The device can be installed at the construction stage as well as in already completed buildings. Following the trends of the modern interior, a wide selection of decorative panels is available. The system can be controlled by a remote control or a wall panel.

This system has undergone many years of testing in medical centers, schools and kindergartens and has proven its effect.













ECO-FRESH TTPES																					
Туре	Product Code	Supply Voltage	Maximum Flow rate	Consumed FAN	Consumed bower	Protection	Noise Level	CO monitoring system	Humidistat	er	Reversible air flow	Ceramic heat exchanger	Ceramic heater 50-400W	Į.	eds Blast Fan	eds Blast Fan	Remote Control	Control Panel	Active charcoal filter	HEPA filter	Safety net
	No	Hz / V	m³/h	W	W	IP	dB	CO n syste	H	lonizer	Reve	Cera	Cera 50-4(Heater	2 speeds	5 speeds	Rem	Cont	Activ	HEP	Safel
01 SEV	4666	50 / 230	-	-	-	X4	28												•	•	•
01 Standard	8497	50 / 230	45-70	5,5-9,2	-	X4	28		•		•	•			•			•	•		•
01 Comfort	8985	50 / 230	45-70	5,5-9,2	-	X4	28	•	•	•	•	•			•			•	•		•
01 LUX	9784	50 / 230	35-85	6,9-19	50-400	X4	28		•	•	•	•	•			•	•		•		•
03	2372	50 / 230	45-70	5,5-9,2	50-400	X4	28	•	•	•			•		•			•	•	•	•
05	7025	50 / 230	120	46	420	X4	36		•	•				•		•	•		•		•
05 SIBIR	-	50 / 230	120	46	840	X4	36		•	•				•		•	•		•		•
07	7773	50 / 230	120	16	420	X4	36		•	•	•	•		•		•	•		•		•



FCO-FRESH TYPES

SENSOR CO

The sensor is constantly monitoring for carbon monoxide presence in the premise.



HYDROSTAT

Controls humidity within 75%.



IONIZER

Ionizes the air by which removes unpleasant odors, kills pathogenic microorganisms and prevents the growth of fungus and mold.



REVERSIBLE VENTILATION

With thermal energy recovery.



HEATEXCHANGER

Contributes to a significant reduction of heat loss during ventilation.



CERAMIC HEATER

Heater with positive temperature coefficient, self-regulating (50~400W) and economical.



HEATER

Economical, designed for pulse operation. Maintain the temperature of the incoming air 23°C.



2 SPEED

2 speed blast fan, allows regulation of fan duty from $45 \, \text{m}^3 / \text{h}$ in night silent mode, up to $70 \, \text{m}^3 / \text{h}$ in day mode.



5 SPEED

5 speed blast fan, allows regulation of fan duty from 30m³/h in night silent mode, up to 120m³/h in day mode. Serves for blasting clean air from outside.



REMOTE CONTROL

You can control all the functions of the system remotely



CONTROL PANEL

Regulates smoothly the amount of incoming air from $30m^3/h$ to $100m^3/h$.



ACTIVE CHARCOAL FILTER

Guarantees the clean airflow even in strong polluted urban areas and industrial regions. Cleans the air from smells, dust, bacteria, soot, car exhaust gases and other.



HEPA FILTER

High efficiency particulate air.



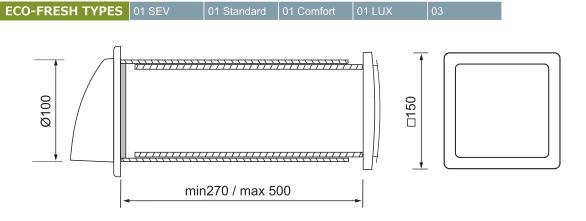
SAFETY NET

Preventing the entry of insects.



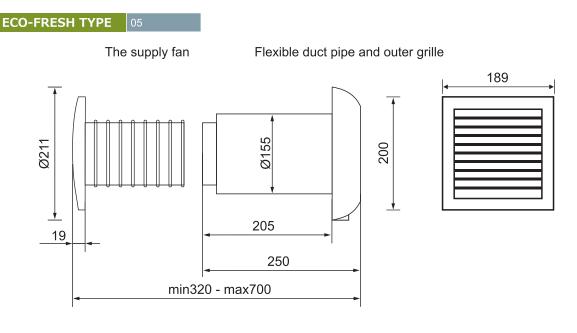
SHUTTER

Prevents the inflow of cold air when the unit is switched off.



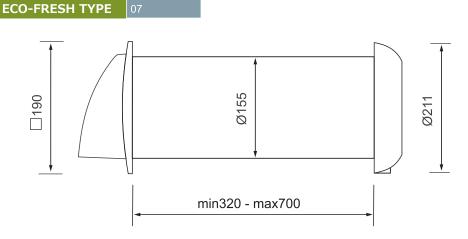
Minimal wall thickness 27 cm. Maximal wall thickness 50 cm.

* The elaboration of a ventilation system, adjusted to other than the above wall thickness is possible by a clients request.



Minimal wall thickness 32 cm. Maximal wall thickness 70 cm.

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