



Model ECOD-24 Ozone Destructor Machine

Destructs ozone in closed rooms (volumes up to 250m³).

ECOD-24 Specification:

Features 2 independent sets of catalytic destructor.

Catalytic effective area: 2 x 900 cm²; total area: 1,800 cm².

Air flow-rate: 2 x 550 m³/h; total flow-rate of 1,100 m³/h.

Input Voltage: 230V; 50Hz, Single phase.

Power consumption: 350W.

Destruction efficiency: 95% per cycle.

Treatment volume: up to 250m³.

Dimensions: 75 cm (H) x 53 cm (W) x 33 cm (D).

Main Features:

Main Switch;

Start / Stop push-button;

Light Indicators.

4 air filters (size: 17cm x 17cm each), for protecting the catalytic destructors;

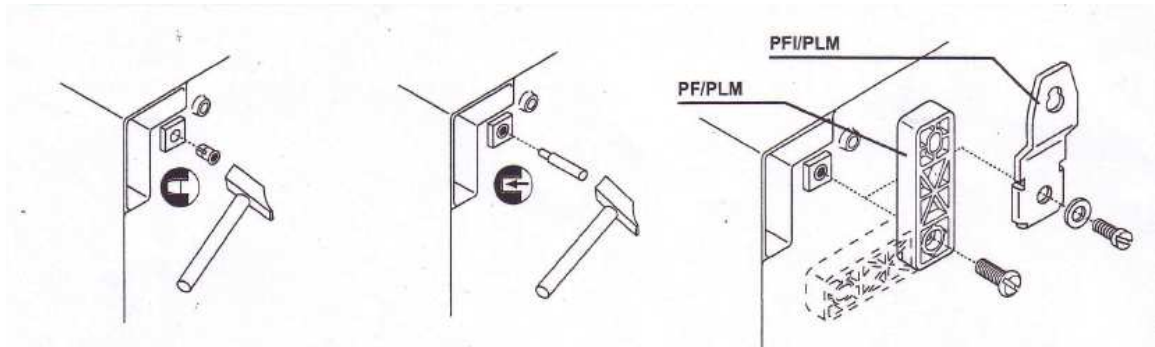
Differential Pressure Switch, for protecting against blockage of dust filters;

Automatic overload current protector switch;

Time (Hours) counter; for maintenance use;

Installation:

Mount the machine onto the wall using the 4 mounting spigots supplied with it (see illustration below).



Operation:

Plug the electrical cable to the electricity mains (230V; 50Hz, single phase).
Turn the Main Switch to "ON" position.
Press the Start (Green) button.

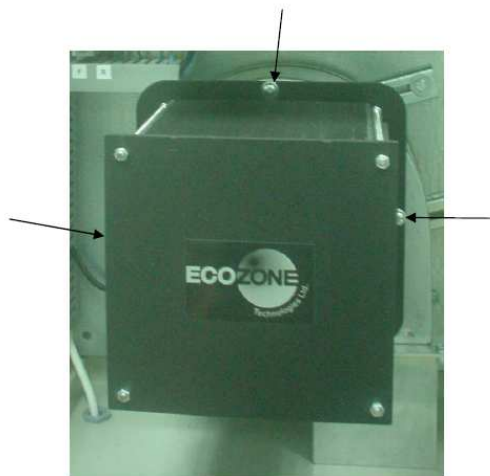
For Stop operation, Press the Stop (Red) button.

Periodic Maintenance:

- A. Replacement of the 4 air filters (located on the sides) once every 1 month.
- B. Replacement of 2 sets of catalytic destructors once every 3 to 6 months*.

Replacement of air filters and catalytic destructor sets is easy and simple (see pictures below).

(*) Depends on room cleanliness conditions.



Locations of 3 screws retaining ozone destructor unit



Unclip air filter

Note: Before performing periodic maintenance, the machine should be disconnected from the electrical mains.

A. Replacing air filters:

(1) Unclip and remove plastic air filter cover

(There are 2 filters on each side of the machine)

(2) Replace the air filter and clip the plastic cover back in place.

B. Replacing destructor units:

(1) Undo the 3 retaining screws on each destructor unit

(There are 2 destructor units in the machine)

(2) Fit the new destructor unit in position and using the 3 retaining screws, secure in place via the holes drilled into the fan housing.

Declaration of Conformity:

This machine fully complies with CE & FCC rules of EMC regulations.
EN 61000-61, EN 61000-62, EN 61010-1, EN 5501 EMC, FCC Part 15
Safety of Low Voltage Directive 73/23/EEC as Amended: EN 61010-1.



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