



MODEL ECOD-24 OZONE DESTRUCTOR MANUAL

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

ECOD-24 Specification:

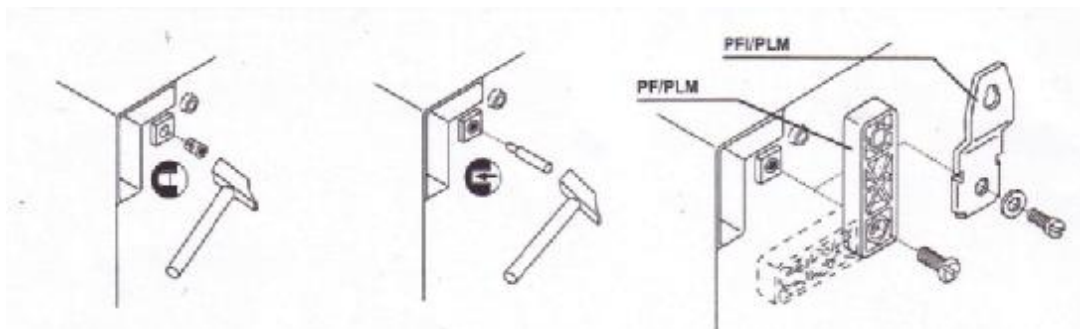
Features 2 independent sets of catalytic destructor.
Catalytic effective area: 2 x 900 cm²; total area: 1,800 cm².
Air flow-rate: 2 x 550 m³/h; total flow-rate of 1,100 m³/h.
Input Voltage: 230V; 50Hz, Single phase.
Power consumption: 350W.
Destruction efficiency: 95% per cycle.
Treatment volume: up 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.

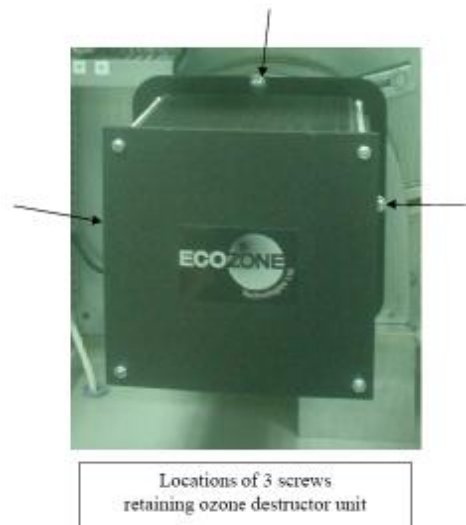
Periodic Maintenance:

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.



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:

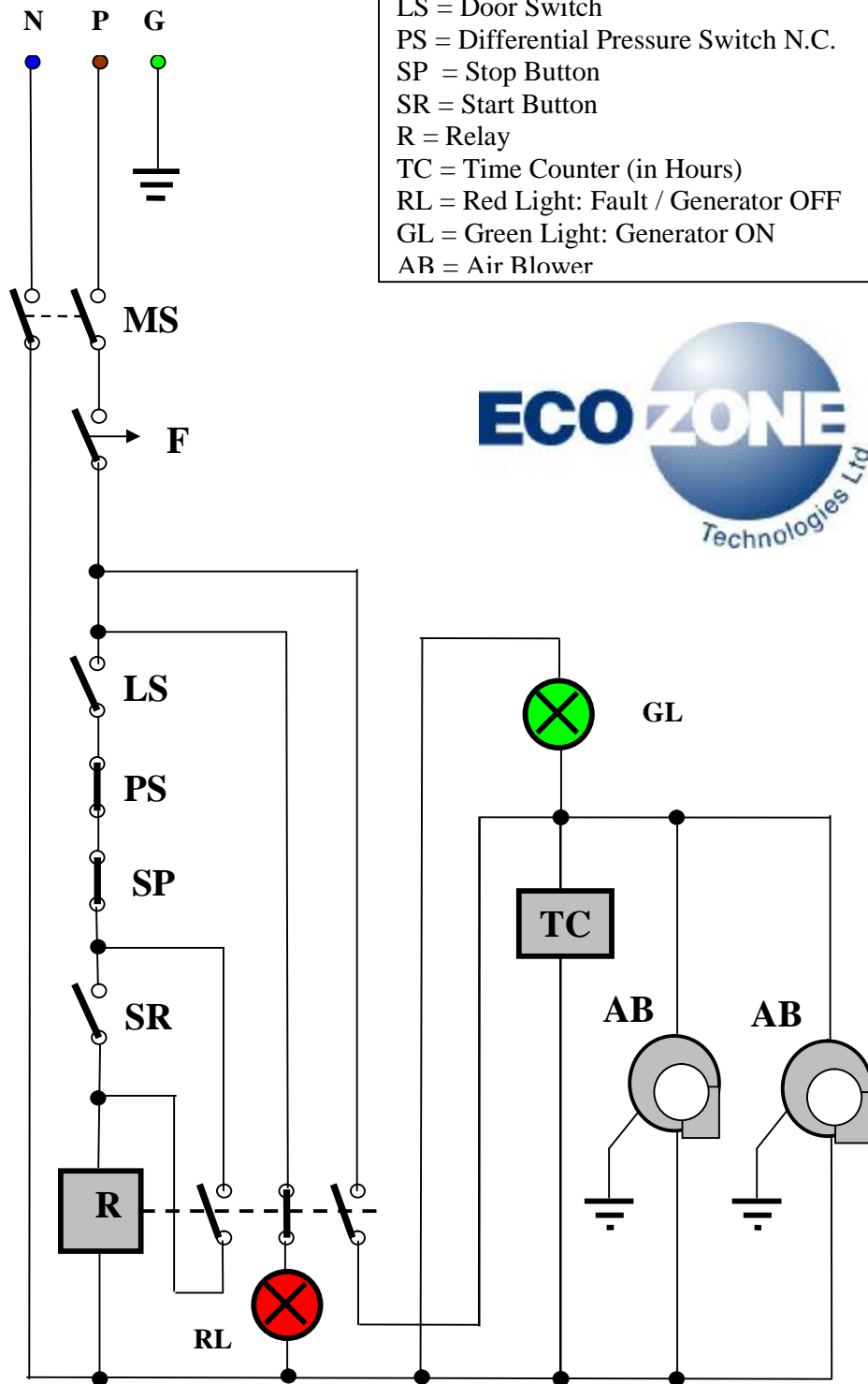
(1) Undo the 3 retaining screws on each destructor unit

(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.

Input Voltage: 230V; 50Hz

MS = Main Switch
 F = Over-Load Switch (10A)
 LS = Door Switch
 PS = Differential Pressure Switch N.C.
 SP = Stop Button
 SR = Start Button
 R = Relay
 TC = Time Counter (in Hours)
 RL = Red Light: Fault / Generator OFF
 GL = Green Light: Generator ON
 AB = Air Blower



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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