Equipment: Restoration > Ozone Generator And UV Lights > EcoZone ACEP4003 Replacement Control Panel PLC For F364 ActivO 4050

EcoZone ACEP4003 Replacement Control Panel PLC For F364 ActivO 4050



Model Number: ACEP4003

EcoZone ACEP4003 Replacement Control Panel PLC For F364 ActivO 4050

Manufacturer: EcoZone

EcoZone F364 ActivO 4050 Ozone Generator Replacement Control Panel ACEP4003 PLC controller unit
(ship from overseas so please allow 2 weeks for delivery)

Item #F364

ACTIVO SPECS

Model
F364

Steambrite Supply

EcoZone ACEP4003 Replacement Control Panel PLC For F364 ActivO 4050

Weight
88.18 lbs (40 kg)

Dimensions HxWxD
39.37" x 19.69" x 15.75"
(100 x 50 x 40 cm)

Output
12 grams/hr
(12,000mg/hr) 265 CFM

Wheels
PVC

Circuit Breaker
Yes

Ozone Post Treatment System
Inbuilt catalytic converter

Minimum Cubic Feet
300 cu ft
(8.5 cu m)

Maximum Cubic Feet
17,000 cu ft
(481 cu m)

Unit is only sold in 115V to 120 volt use. It is not available in 220v to 240 volt countries.

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EcoZone ACEP4003 Replacement Control Panel PLC For F364 ActivO 4050

NOW AVAILABLE
ActivO
Ozone Generator
More powerful — and safer — ozone generation!

Ships from San Antonio TX 78233
The ActivO enables you to do fast deodorization jobs more safely and efficiently. It features both an activation cycle and a unique fully automated deactivation cycle. This deactivation cycle rapidly clears an area of ozone after the ozone treatment is completed, minimizing the time involved until it's safe to return to the area. A bold flashing light provides a continuous alert that ozone is being generated. When the light goes off, the odor is gone — and so is the ozone.
ACTIVO BENEFITS

High output of 12,000mg/hr, yet fully portable with handle and wheels

Tells in advance the treatment time required—just enter room size and ozone level
LCD reports the time required, including ozone removal
Rugged steel construction with wheels for transporting
Automatic ozone removal after treatment for safety and speed

The weight and dimensions of the box are: 47kg (103 lbs) and 94cm (37"H) x 65cm (25.5" W) x 53cm (21" Deep),

Print a brochure

The ActivO
The Activo ozone generator is the global leader in its performance class. The Activo is a rugged and fully mobile ozone generator designed for use by restoration professionals performing indoor fire and flood deodorization to eliminate odors from

EcoZone ACEP4003 Replacement Control Panel PLC For F364 ActivO 4050

smoke,mold,mildew and sewage. The Activo utilizes unique U.S patented double dielectric barrier discharge technology to achieve an industry leading ozone output of 12,000 mg/h under ambient air conditions. This high level of ozone is especially ideal in treating homes and buildings with fire damage where it is well known that remediation is best achieved with high concentrations of ozone.
Unique Deactivation Cycle
The Activo features both an activation cycle and a unique fully automated deactivation cycle. This deactivation cycle rapidly clears an area of ozone after the ozone treatment is completed, minimizing the time that an air restoration professional must spend performing air treatment. The Activo complies with UL,FCC and CSA standards.
Application Process
The Activo ozone application process requires first removing people,pets,plants and items containing natural rubber from an enclosed area. Activo operation is then achieved by using a built-in digital keypad to select room size and treatment time up to 50 hours. When the Activo is turned on, a flashing yellow light gives the operator a one minute warning to leave the room before ozone generation beings. When ozone generation starts, the buzzer sounds 10 blasts. When treatment has been completed including the ozone deactivation cycle, the Activo buzzer sounds again and the flashing light goes off. The deactivation cycle has removed the residual ozone and the area may immediately be re-occupied.

Other Typical Applications
Other typical applications of the Activo include use by hotel and restaurant personnel to remove odors from large rooms contaminated by tobacco smoke, as well as to eliminate odors found in banquet halls and garbage storage areas and after painting.

Caution
Ozone can adversely affect indoor plants,and damage materials such as rubber,electrical wire coatings, and fabrics and art work containing susceptible dyes and pigments (U.S. EPA,1996a).

Other Features

- Fully automatic activation and deactivation cycles.
- Cycle time 15 minutes to 50 hours with ozone deactivation,up to 72 hours without ozone deactivation
- Control: digital keypad and display
- Free parameter setting of room size and treatment time
- Large wheels for easy rolling;leave no tracks.
- 4” ozone output duct for optional ozone routing to remote ozone room
- works on Formaldehyde,Benzene,Ammonia,Radon too!

Warranty
1 year
Also marketed under part number: DP-ACTIO-EA

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Activo™ Application Note Residual Ozone
This activo application note answers the question as to why the ‘slight smell of ozone’ may sometimes be present after the activo has completed its operation which includes ozone removal.

The Activo Ozone Removal Process

- the Activo uses the operator’s input (the first button he pushes on the Activo control panel telling the Activo how large the enclosed room is that the Activo is treating) to calculate how long to draw air through the Activo’s catalytic converter after the ozone generation cycle is completed. The Activo draws three times the volume of air in the enclosed room through its catalytic converter.
- each time the volume of air in the room is draw through the Activo’s catalytic converter more than 90% of the ozone in the air is removed.
- since the Activo draws all the air in the room through its catalytic converter three times, the initial amount of ozone in the room is reduced to 0.1*0.1*0.1, or to about 0.1% of its initial concentration. As a result the ozone remaining in the room is less than the applicable safety standards require.
- for reference, the safe level of ozone is between 0.08 and 0.10 ppm:

EPA: environmental protection agency (EPA) national ambient air quality standard for ozone is a maximum 8 hour average concentration of 0.08 ppm.
OSHA: the occupational safety and health administration (OSHA) requires that workers not be exposed to an average concentration of more than 0.10 ppm for 8 hours.
NIOSH: the national institute of occupational safety and health (NIOSH) recommends an upper limit of 0.10ppm, not to be exceeded at any time.
The ability of the operator to smell ozone
A human being can smell ozone down to a concentration of about 0.001 ppm, or 80 to 100 times less than the minimum allowed concentration of ozone in the treated space. Hence the Activo will produce a treated volume with residual ozone concentration well within the level permitted by the standards, and yet which can sometimes still be “slightly detected” by the Activo operator.
Color and or Shade of machine is not guaranteed.

Technology

Our technology is based on unique concept of double-dielectric-barrier (micro-) discharges (dbdd) in air. The core units generates controlled non thermal-equilibrium plasma,

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where electrons are excited to high
and well defined energy levels. This results in high energy density and high homogeneity in the spatial distribution of the plasma. Due to the very high electrical efficiency of these core units (probably the highest recorded in the world), a large portion of the input power is transferred directly to electrons rather than to heating up the gas. In addition to this, these core units are highly reliable compared to any other device available in the market.

Mobile Ozone Generators

Click the image to see full sized gallery.

The Super ActivO
The Super ActivO ozone generator is the global leader in its performance class. The Super ActivO is a rugged and fully mobile ozone generator designed for use by restoration professionals performing indoor fire and flood deodorization to eliminate odors from smoke,mold,mildew and sewage. The Super ActivO utilizes unique U.S patented double dielectric barrier discharge technology to achieve an industry leading ozone output of 12,000 mg/h under ambient air conditions. This high level of ozone is especially ideal in treating homes and buildings with fire damage where it is well known that remediation is best achieved with high concentrations of ozone.
Unique Deactivation Cycle
The Super ActivO features both an activation cycle and a unique fully automated deactivation cycle. This deactivation cycle rapidly clears an area of ozone after the ozone treatment is completed, minimizing the time that an air restoration professional must spend performing air treatment. The Super ActivO complies with UL,FCC and CSA standards.
Application Process
The Super ActivO ozone application process requires first removing people,pets,plants and items containing natural rubber from an enclosed area. Super ActivO operation is then achieved by using a built-in digital keypad to select room size and treatment time up to 50 hours. When the Super ActivO is turned on, a flashing yellow light gives the operator a one minute warning to leave the room before ozone generation beings. When ozone generation starts, the buzzer sounds 10 blasts. When treatment has been completed including the ozone deactivation cycle, the Super ActivO buzzer sounds again and the flashing light goes off. The deactivation cycle has removed the residual ozone and the area may immediately be re-occupied.
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Other typical applications of the Super ActivO include use by hotel and restaurant

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Other Features

Fully automatic activation and deactivation cycles.
Cycle time 15 minutes to 50 hours with ozone deactivation,up to 72 hours eithout ozone deactivation
Control: digital keypad and display
Free parameter setting of room size and treatment time
Large wheels for easy rolling;leave no tracks.
4” ozone output duct for optional ozone routing to remote ozone room

Warranty
1 year
Owner's Manual

Factory Sales Brochure
Optional:

Clean Storm 4in x 15ft PVC Ducting for use with Air Mover Snout Adaptor or Ozone Gas Generator

Compare with other 12,000 mg Ozone units

Availability: This product was added to our catalog on Wednesday 10 February, 2016

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