

O₃ZONE GENERATOR

The Ozone Generator kit allows you to disinfect the filter bed without the use of chemicals. It is designed to work with our Air Filter Systems.



FEATURES

- Disinfection of the media bed
- Proprietary design
- Chemical-free, environmentally safe
- Audible notification if service is required
- Easy snap-on mounting clip
- Enhances removal capacity of the media

APPLICATIONS

The Ozone Generator kit is compatible with filtration units using the following medias:

- Turbidex
- Catalytic Carbon
- Filox
- GST/Calcite

AIR FILTERS WITH OZONATION

HOW IT WORKS

During regeneration, air filters recharge the top portion of the media tank with air. This recharged air oxidizes contaminants in the water, allowing them to be filtered out through the media below. The Ozone Generator activates during the air-draw cycle of regeneration. As air is being drawn into the tank, it passes through an electrical field created by the ozone generator which converts normal oxygen (O₂) to ozone (O₃).

The generated ozone is then drawn into the tank which helps clean the unit of nuisance, slime producing bacteria. This process produces no chemical by-product and is environmentally safe.

WATER RIGHT SERIES ADVANTAGE

As with all Water Right Air Filter Systems, this advancement enhances many of the other unique features such as advanced history screens, unmatched programming capabilities, diagnostic screens, and patented "Inch Worm" technology.

INCH WORM

Inch Worm is an adjustable cycle that allows the control valve to slowly "inch" its way into backwash, allowing air to escape slowly instead of in one "rush." This slow release of air virtually eliminates the thrashing of drain lines or noisy discharge of air to drain when the valve first advances to backwash.



1

Corona Discharge



2

Oxidation



3

'Green' By-Product

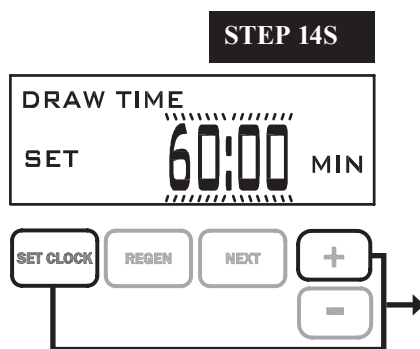


MINUTES

PROGRAMMING

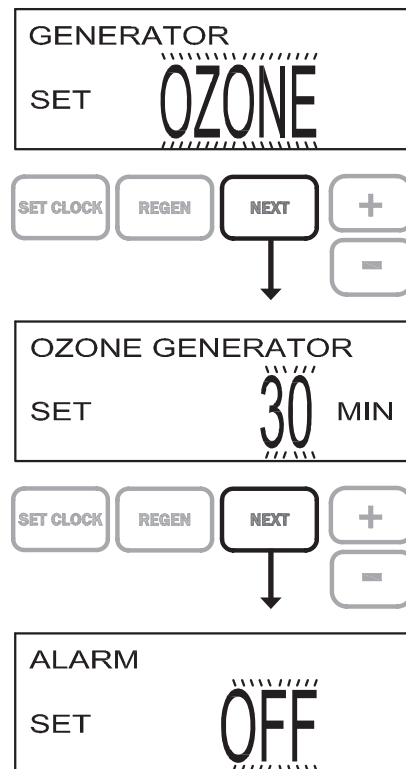
PROGRAMMING OF THE OZONE GENERATOR¹

Step 14S – From the Draw Time screen, press CLOCK and UP to select Generator Output Operation.



Press NEXT to set the duration of the Ozone Generator. Default is 30 minutes.

Press NEXT to set the Alarm to on/off. In case of a malfunction with the Ozone Generator, an alarm will be triggered.



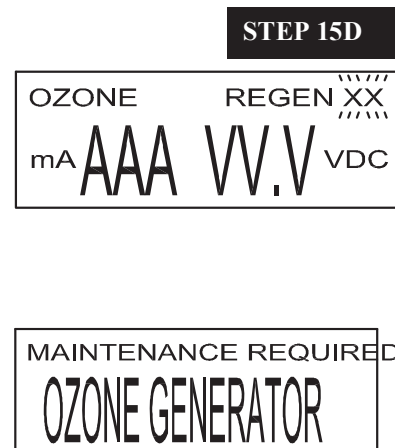
DIAGNOSTICS

STEP 15D – Ozone Current History: When Step 14S is set to OZONE, view the ozone generator performance during the last 50 regenerations. If the measurement is made during an alternate regeneration, “A” will alternate with “mA”.

SAFETY MEASURES

The ozone generator has two safety parameters. First if the 12V provided does not create an amperage over 200 mA on three consecutive regenerations an alarm will be shown on the screen. Secondly, if the ozone generator draws over 400 mA the PC board will discontinue power to the generator for the remainder of the cycle.

¹ This shows the programming of the Ozone Generator on the Impression Plus (V4022WV – software W301.01 or higher), Total Care Plus (V4062WY – software W301.01 or higher) and Evolve Plus (V4022WV – software W301.01 or higher).



Order Reference

5303010074	Ozone Generator for WR Valves
------------	-------------------------------

WARNING: Do not install kit on an air filtration system that utilizes birm.