# Impression Series<sup>®</sup> Ozone Kit

Odor-free, fresh water from your well, every time

PRESSION

## SPECIALTY PRODUCTS





Impression Series Iron and Sulfur filters have been a staple for treating problem water for many years. These simple yet effective systems can now be fitted with an optional Ozone Generator Kit. These kits can be added to a new unit or to existing systems as needed, if the situation dictates the necessity. Ozonation aids in the cleaning of the system with no harmful byproducts.

Ozone Generator kits are compatible with Impression Series Sulfur Filters (IMS / IMPS) and Impression Series Air-Cat Filters (IAG / IPAG / IACG / IPACG).

#### **Impression Series Filters with Ozone Features:**

- Environmentally safe no chemicals
- Easy programming for optimum performance
- Patented "inch worm" technology prevents water hammer due to excessive air during regeneration
- Advanced history, diagnostic screens, and battery backup
- Low cost operation

The Impression Series Ozone Kit, IMS/IMPS, IAG/IPAG, or IACG/IPACG is not intended to aid in the mitigation of microorganisms and is not duly registered as a pesticidal device.



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#### IMS / IMPS Will:

- Reduce sulfur—rotten egg odors
- Reduce particle turbidity

#### IAG / IPAG Will:

- Reduce iron
- Reduce sulfur—rotten egg odors
- Reduce particle turbidity

#### IACG / IPACG Will:

- Reduce iron
- Reduce sulfur—rotten egg odors
- Correct mildly acidic
  water
- Reduce particle turbidity



## **Ozone Generator Kit Features**

- Easy plug-and-play installation
- Chemical-free, environmentally safe
- LED light to indicate system operation
- Audible notification if service is required

# **Impression Series Air Filters with Ozonation**

## How it Works

During the regeneration of the Impression Series Air Filters, air is drawn into the system. This air oxidizes and aids in the reduction of iron, sulfur, and/or manganese, reducing them to their natural states and are filtered from the water. It is during this air draw process, the air containing stable oxygen ( $O_2$ ) is exposed to an electrical field which converts the molecules to highly reactive ozone ( $O_3$ ).

While the oxygen causes the contaminants in the water to precipitate, the third oxygen atom readily attacks other molecules. These ozone molecules continue to attack until they are depleted. Once depleted, the ozone ( $O_3$ ) simply reverts back to simple oxygen ( $O_2$ ). This process produces no chemicals and is environmentally safe.



## The Impression Series Advantage

As with all Impression Filter Air Systems, this advancement enhances many of the other unique features such as advanced history screens, unmatched programming capabilities, diagnostic screens, and our 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 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.

Combine all these features, and that is the Impression advantage.

Your local water treatment professional:

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