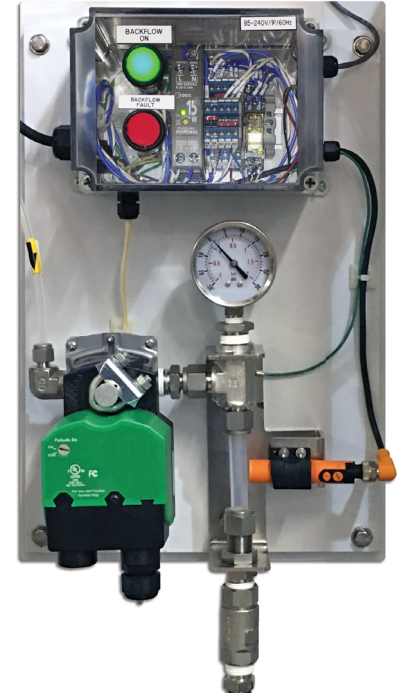


BACKFLOW PREVENTION DEVICE

COST EFFECTIVE, SIMPLE-TO-OPERATE SAFETY & PROTECTION DEVICE

The backflow of water into the gas side of an ozone generator can cause major damage to the ozone generation and gas preparation equipment, crippling it and leading to costly down-time and repairs. In certain situations, water can begin flowing backwards towards the ozone generation equipment under low pressure. Low back pressures (a few inches or centimeters of water head) cause a standard check valve to not fully seat. It only slows the flow rate down to a few drops of water per minute. This allows water entry into the gas side of the ozone generator. Ozone also deteriorates soft-seat check valves over time, causing them to leak.

The OWS Backflow Prevention Device is a cost-effective, simple-to-operate safety and protection device that will help protect your ozone generation and gas preparation equipment from water backflow, increase reliability, and maximize your up-time. Most of our backflow prevention models use an electronic detection system (no moving parts that fail) which senses backflowing water and immediately sends a signal to turn off ozone production, close the protective valve and activate the backflow fault indicator light thus protecting the upstream equipment from damage. All models employ an ozone resistant check valve to slow backwards flow rate, to allow for minimal response time. Most models use a high contact pressure, full ported, ball valve to provide final protection.



Key Facts

- Protects Ozone Generator from Backflow Water Damage
- Auto Shutoff Signal to Close Positive Closure Valve
- Manufactured in USA by OWS to the Highest Industry Standards
- All Components Rated for High Ozone Concentration
- Fail Closed In the Event Of Power Loss
- Redundant Backflow Prevention (Electrical and Mechanical) for Added Safety and Protection

MODEL	DESCRIPTION
OWS-XEBFD	1/2"; No interlocks, no electrical, backflow is preferentially diverted to a liquid drain valve.
OWS-EBFD	1/2"; Runs on 100-240vac or 24vdc. Positive closure valve, 45 second open or close.
OWS-BFD	1/2"-1"; Runs on 100-240vac or 24vdc. Requires dry compressed air, 65psi min, 100psi max. Positive closure valve, ~1 second open or close.

Ozone Water Systems is a global provider of turn-key ozone systems. OWS designs, installs, and services all sizes of disinfection and advanced oxidation processes (small and large). Here are just a few markets that utilize our industry leading ozonation systems:



Aquaculture



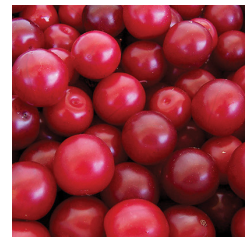
Water Treatment



Pharmaceutical



Food & Beverage



Cold Storage

 **ZONE WATER SYSTEMS, INC.**
Quality. Pure & Simple.