

# BACKFLOW PROTECTOR BFP PRIMOZONE® OZONE SYSTEM



## INTELLIGENT BACKFLOW PROTECTION FOR OZONE INSTALLATIONS

### AVOID MAJOR DAMAGE

Accidental backflow of water that enters an ozone generator may cause major damage to the ozone reactors and power supplies and consequently result in down-time and major costs.

### ELECTRICAL WATER DETECTION

Thanks to its electrical detection system the Primozone® BFP has an extremely fast response time and is very reliable. At 3 bars working pressure it is guaranteed to shut-off immediately upon detection of water.

### AUTOMATIC SYSTEM SHUT-OFF

The Primozone BFP is designed to be completely integrated with any ozone solution. This thanks to its capacity to be enabled either via the ozone generator or a control system and its ability to shut off the complete system automatically when being triggered.

### EASY MAINTENANCE AND START

The Primozone BFP is designed for minimum maintenance and safe operations. This includes a build/in drainage for quick restart after being triggered.

### FITS ANY OZONE INSTALLATION

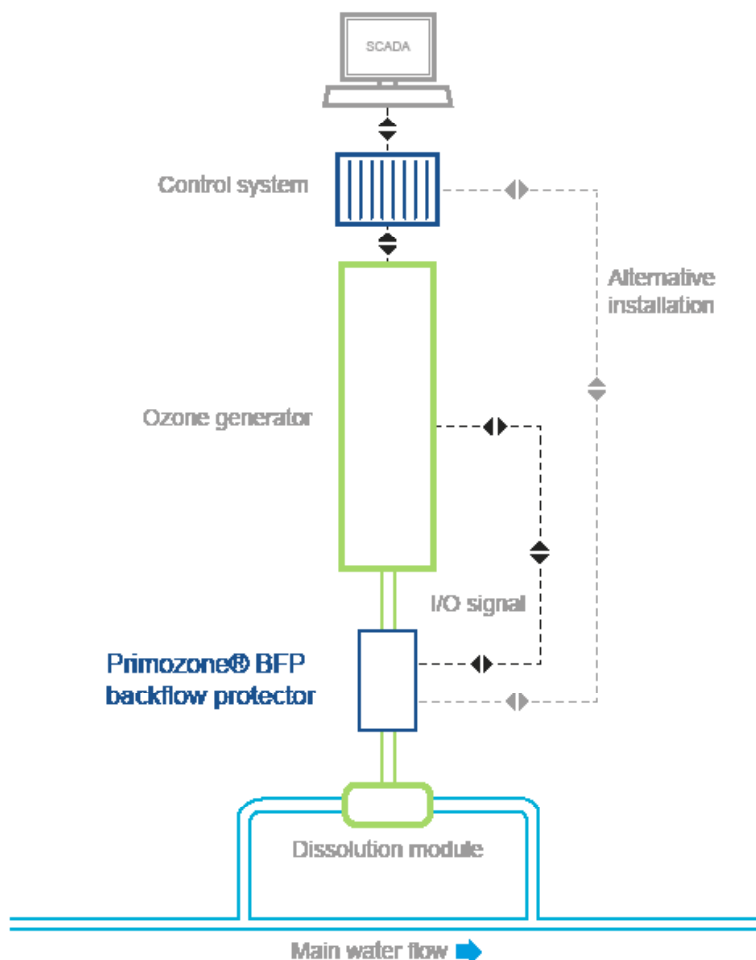
The backflow protector is sized for gas flows of up to 350 l/min (740 ft<sup>3</sup>/h) and will fit most of ozone installations. The Primozone BFP is built for seamless integration with any Primozone ozone generator and easy intergration with ozone solutions from other manufactures.



### BACKFLOW PROTECTOR

- > Fits any ozone installation
- > The backflow protector is sized for gas flows of up to 350 l/min (740 ft<sup>3</sup>/h) and will fit most ozone installations.
- > The Primozone® BFP is built for seamless integration with any Primozone ozone generator and easy integration with ozone solutions from other manufacturers.

TYPICAL INSTALLATION



PRODUCT DATA

| Model             | Max gas flow           | Voltage | Power consumption | LxWxH mm/inch         | Threaded connection | Electrical connection | Maximum overpressure | Working pressure                  |
|-------------------|------------------------|---------|-------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------------------|
| Primozone® BFP25  | 25 l/min<br>53 ft³/h   | 24 DC   | 15 W              | 410x70x170/<br>16x3x7 | 1/4"                | 5 pin M12<br>A coded  | 6 bar(g)<br>87 psig  | - 0,5 - 3 bar(g)<br>- 7 - 43 psig |
| Primozone® BFP150 | 150 l/min<br>318 ft³/h | 24 DC   | 15 W              | 410x70x170/<br>16x3x7 | 1/2"                | 5 pin M12<br>A coded  | 6 bar(g)<br>87 psig  | - 0,5 - 3 bar(g)<br>- 7 - 43 psig |
| Primozone® BFP350 | 350 l/min<br>740 ft³/h | 24 DC   | 15 W              | 410x70x170/<br>16x3x7 | 1"                  | 5 pin M12<br>A coded  | 6 bar(g)<br>87 psig  | - 0,5 - 3 bar(g)<br>- 7 - 43 psig |

[www.primozone.com](http://www.primozone.com)

Primozone began redefining ozone technology in 2000. Since 2003, Primozone Production AB has been wholly owned by Westfal-Larsen Technology of Bergen, Norway. Today Primozone's patented technology is used in water treatment installations in more than 40 countries worldwide.

Terminalvägen 2, SE-246 42  
Löddeköpinge, Sweden  
Mail: [info@primozone.com](mailto:info@primozone.com)  
Phone: +46 46 70 45 70