

Primozone® BFP backflow protector

- intelligent backflow protection for ozone installations

Protecting your ozone equipment from back flowing water is a simple and cost effective way of ensuring up-time and problem free operations of an ozone installation. The Primozone® BFP is an intelligent solution with automatic control of both water detection and shut-off.

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 restart

The Primozone® BFP is designed for minimum maintenance and safe operations. This includes a built-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 (742 ft³/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.



TECHNICAL DATA

Model	Max gas flow	Voltage	Power consumption	LxWxH mm/inch	Threaded connection	Electrical connection	Maximum overpressure	Working pressure
Primozone® BFP25	25 l/min 53 ft³/h	24 DC	15 W	410x70x170/ 16x3x7	1/4"	5 pin M12 A coded	6 bar(g) 87 psig	- 0,5 - 3 bar(g) - 7 - 43 psig
Primozone® BFP150	150 l/min 318 ft³/h	24 DC	15 W	410x70x170/ 16x3x7	1/2"	5 pin M12 A coded	6 bar(g) 87 psig	- 0,5 - 3 bar(g) - 7 - 43 psig
Primozone® BFP350	350 l/min 742 ft³/h	24 DC	15 W	410x70x170/ 16x3x7	1"	5 pin M12 A coded	6 bar(g) 87 psig	- 0,5 - 3 bar(g) - 7 - 43 psig

TYPICAL INSTALLATION

