AIM P Series
Ozone Generator Systems

With its cutting-edge design and performance, AIM P30 and AIM P50 with PlasmaBlock® technology promises to enhance ozone generation efficiency, safety, and environmental impact. This technology uses plasma reactors or electrodes to generate ozone, and it can enhance the efficiency and effectiveness of ozone generation. This safe, reliable, and quiet ozone generator can benefit many high-pressure applications.

The AIM P30 and AIM P50 ozone generators are designed to operate nominally at a rate of 20-50 grams per hour. Achieving concentrations above 5% by weight requires supplying high purity oxygen feed gas, along with the appropriate back pressure. The generator must be used with a positive pressure air preparation device and a minimum back pressure of 5 psi.

ENHANCED OZONE OUTPUT & EFFICIENCY
PlasmaBlock® technology within AIM P Series prodducts allows for the production of ozone at higher concentrations, meaning that you can generate more ozone with the same input power, making the process more energy-efficient.

HIGH OZONE PURITY
Produce high-purity ozone, which is important for many applications. The generated ozone is typically free from contaminants and impurities, ensuring the ozone's effectiveness.

CONSISTENT OZONE PRODUCTION
Delivers a more consistent ozone production rate and concentration over time. This is important for applications where a stable and reliable ozone supply is required.

PLASMAVIEW® DIAGNOSTICS
Connect your AIM P30 or AIM P50 PlasmaBlock® with the PlasmaView® or PlasmaLink® software. Monitor, troubleshoot, collect, store and analyze performance data from local or remote locations.

The AIM P Series with PlasmaBlock®
AIM P30 Generator SKU: 30386
AIM P50 Generator SKU: 30389

AIM P30 Electrical:
Power: Standby mode = 27 Watts; Ozone Enabled Mode = 240 Watts
Operating Voltage: 115 Vac or 230 Vac, 50/60 Hz regulated to 12 Vdc

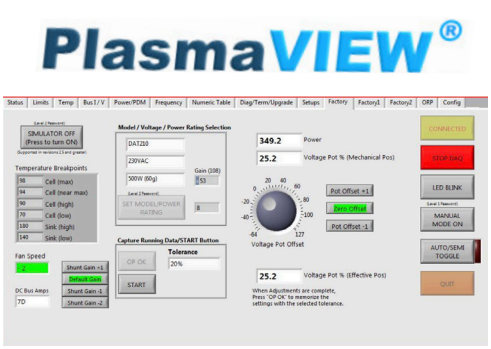
AIM P50 Electrical:
Power: Standby mode = 27 Watts; Ozone Enabled Mode = 400 Watts
Operating Voltage: 120 Vac or 240 Vac, 50/60 Hz regulated to 12 Vdc

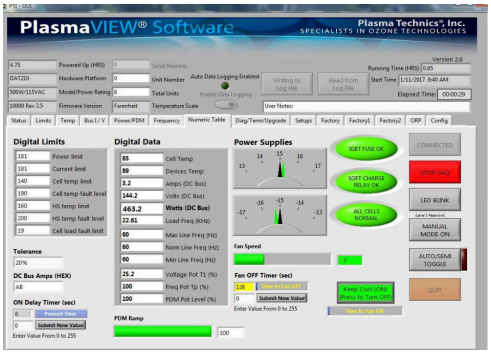
APPLICATIONS:

-Disinfection and sterilization of high purity water
-Odor and taste removal
-Organic and chemical compound degradation
-Iron and Manganese removal
-Advanced Oxidation Processes (AOPs)
-Bottled water treatment
-Aquaculture and fish farming

FEATURES:

-Completely modular unit, with little user maintenance
-Automatic air flow shut off switch to ensure a positive pressure
-Failsafe shut off
-Over voltage/current shutdown
-Air cooled performance
-LED alarm enunciation
-Powder coated aluminum chassis
-Dual voltage
-Remotely viewed, controlled and diagnosed through PlasmaView® and PlasmaLink®



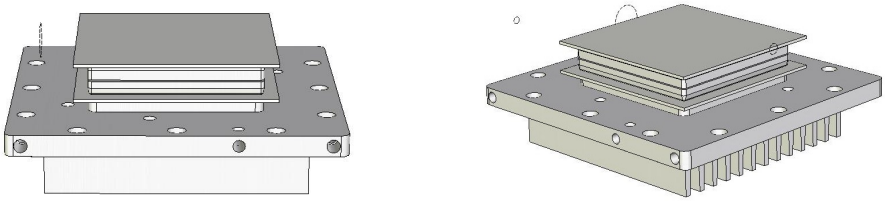


How does PlasmaBlock® Technology work?

Line voltage is converted to 4,000 vac /27khz. When applied to the Plasma Block® within the AIM P30 and AIM P50, a plasma is created inside the micro-channel™. When oxygen is passed through the micro-channel® its efficiently converted to ozone.

Features/Advantages:

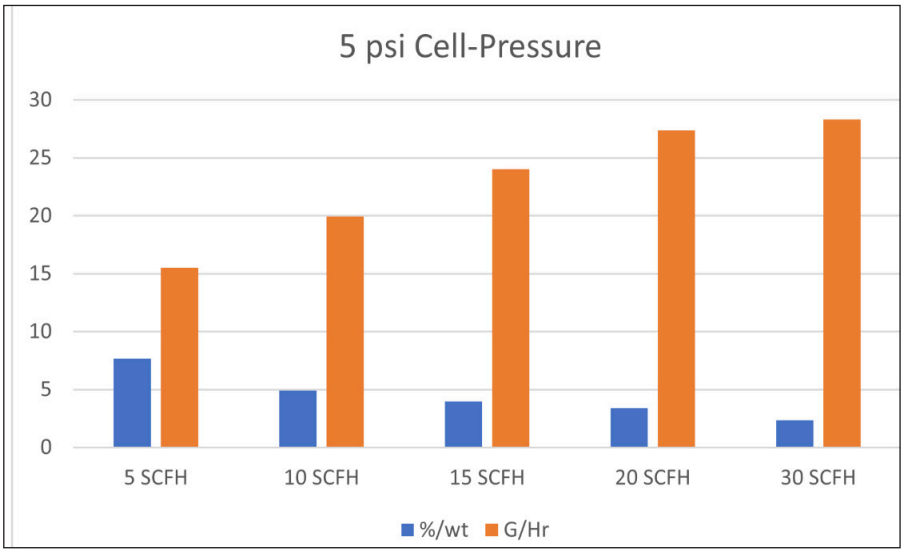
- Effective cooling system through advanced heat sink
- Robust design allows for durability and longevity
- Produces ozone at a higher purity level
- Improved control over ozone production levels
- Operates efficiently under various conditions
- Precise engineering and machining of the micro-channel



PlasmaBlock® Heat Sink within the AIM P Series

AIM P30 Generator

70˚F Ambient Temperature
84˚-86˚F Block Temperature
242 Watts
120 VAC/60Hz
Feed gas: 95% O2 Purity
2,500 ft. msl



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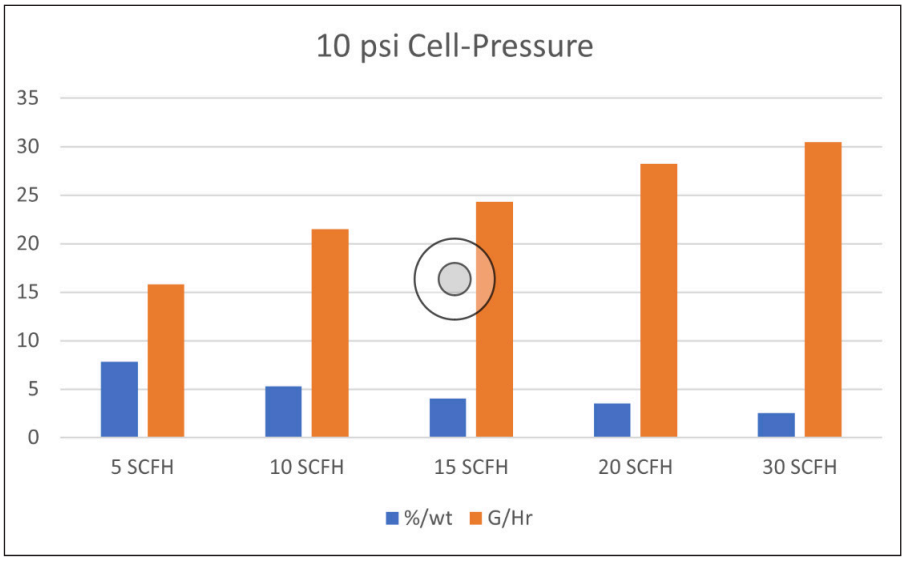
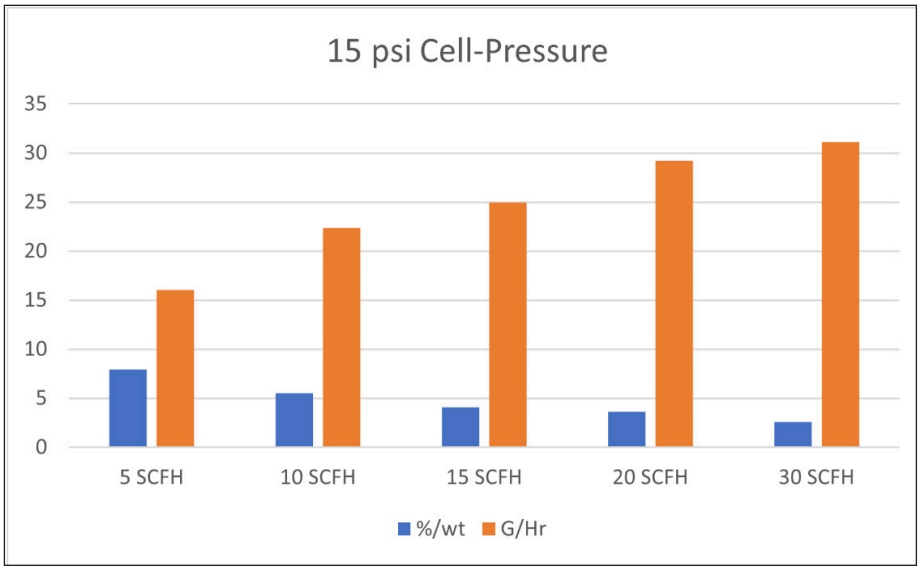
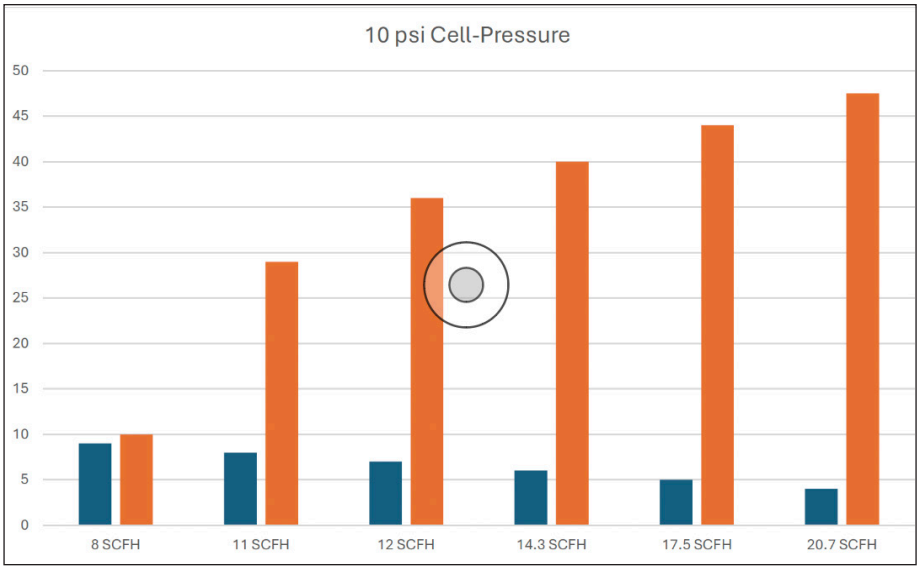


Air Cooled
70˚F Ambient Temperature
84˚-86˚F Block Temperature
242 Watts
120 VAC/60Hz
Feed gas: Compressed O2
2,500 ft msl



AIM P50 Generator

Air Cooled
70˚F Ambient Temperature
92˚-99˚F Block Temperature
400 Watts
120 VAC/60Hz
Feed gas: Compressed O2
2500 ft. msl



Air Cooled
70˚F Ambient Temperature
92˚-99˚F Block Temperature
400 Watts
120 VAC/60Hz
Feed gas: Compressed O2
2500 ft. msl