

Silent, Rugged, Reliable and Cost Effective

The true quantum leap in Ozone technology.

FEATURES

Silent - **Peak Series** ozone systems operate above 20,000 Hz which is so quiet that only fan noise can be heard. All high system voltages are produced internally within the QuadBlock® housing. This results in no audible power transformer hum.

Rugged - **Peak** systems are solid state constructed and digitally controlled. There are no "old technology" fragile glass tube components and our system control boards are finished with military grade coatings for protection against the environment.

Reliable - **Peak** systems feature hardware and software diagnostics which continually monitor and adjust system parameters. If a high voltage or a high pressure spike occurs, the system automatically self adjusts and operates at maximum efficiency.

Cost Effective - **Peak** systems feature power consumption rates that are the lowest in the industry. The US and Internationally patented QuadBlock® design limits distribution losses and features low water coolant consumption. This system requires a small footprint and minimal facility connections for operation.

BENEFITS

Small Footprint - The **Peak** system is 39" wide x 34" deep x 79" tall and arrives ready to connect water, oxygen, ozone, power and control. Load the system recipe via the large, intuitive graphic touchscreen for start up, testing and full automatic operation.

Lowest Operational Costs - **Peak** operating costs are 15-30% lower per pound of ozone generated compared to other competitors. Pinnacle achieves this efficiency through patented design as well as automatic adjusting of power (0-100%) in 1% increments to QuadBlocks when process demands change. Unlike other systems that continue operation at 100% output, reduced output or with other inherent inefficiencies, the **Peak** automatically adjusts power to optimize and maintain process set point. This reduces power costs and the need for destroying excess ozone offgas.

Low Maintenance - The **Peak** system requires no yearly maintenance except for fan filter changes. Easy to access components and self diagnostic programs continually monitor the system for faults. If a QuadBlock® fault occurs, the spare block starts operation. A faulted QuadBlock® can be replaced within 20 minutes.

Self Diagnostics always operate in the background. Technicians may use laptop computers to run diagnostic troubleshooting software locally or remotely.

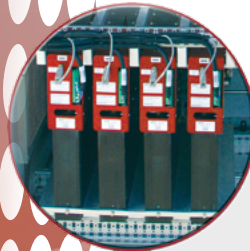
Factory Instrumentation & Control - Everything to operate the **Peak** system can be displayed on the touchscreen or via remote network system. Process control is input through ORP, Dissolved Ozone Monitoring (DOM) or 4-20 mA signal from ozone gas monitor. All hardware for Internet or Intranet system control and factory technical support is included.



Peak Series ozone systems have been designed for small to medium sized municipal, commercial, and industrial applications requiring ozone to be delivered without deviation to set point or stoppage. The **Peak** system features QuadBlock® modularity (20 lbs. of ozone per day/block) with up to six QuadBlocks installed per system. **Peak** systems include spare QuadBlock® redundancy without the requirement of a separate system. **Peak systems are available in configurations from 20 to 120 ppd @ 5% weight or 10 to 60 ppd @ 10% weight.**

The **Peak** system features hardware isolation of system QuadBlocks and electrical circuits in fault situations. System software automatically adjusts the remaining QuadBlocks and turns on the spare block(s) to operate at rated output.

Pinnacle Ozone has designed the most efficient and advanced integrated ozone system on the market today. Coupling Plasma QuadBlock® technology, silent 24,000 Hz operation, PLC control and an EZ touchscreen interface provides trouble free, reliable operation.



**low energy use,
low oxygen
needs**