



INTELLIGENT OZONE

Disinfection Systems

40, 80, 160 & 320 g/h Ozone Systems



Ozone Advantages[®]

- * Disinfection, decontamination, and aeration all in one product
- * Faster and more effective than alternatives (e.g. chlorine, UV, RO etc.)
- * No chemicals added or left behind
- * Supersaturates water with oxygen
- * Low operating costs
- * Maintains high water quality and prevents biofilm
- * Ideal for treating recirculated water, reservoirs, irrigation lines, drains, and sumps

“Ozone is one of the most powerful oxidizers used for disinfection in agricultural, industrial, and wastewater treatment industries today”



Call Us Anytime!

☎ 1-888-353-0021

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🌐 www.purifico-ozone.com



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Ozone Benefits...

Oxygen In, Oxygen Out

- * Natural air and electricity are used to make ozone
- * Ozone is injected into water
- * Pathogens and pollutants are neutralized
- * Ozone converts back to oxygen
- * Filtration captures particulate
- * Clean, pure, aerated water is ready for use

Economical

- * Economies of scale - pays itself off over short period of time
- * No consumables - eliminate cost, storage, and handling of chemicals
- * Low operating costs - ambient air and electricity are the only inputs
- * Quality recycled water - reduces water consumption and saves on disposal costs
- * Healthier plants - improving crop quality and yield will increase your revenue

Efficient and Safe

- * Broadly effective, eliminates even the hardest pathogens
- * Contaminants are broken down, precipitated, and filtered out
- * Aerating your water and substrate leads to healthier microflora and root health
- * High-volume applications for in-line or recirculating configurations
- * Advanced safety designs and alerts
- * Filtration ≥ 5 microns



System Features...

- * 40 - 320 g/h ozone output
- * USA manufactured PTI single pressurized ozone reaction cell
- * ORP controlled to monitor and adjust ozone output
- * Siemens LOGO-8 logic module PLC and colour touchscreen HMI
- * User-friendly software with programmable scheduling, setpoints, and alerts
- * Purifico's proprietary ZONE remote management / monitoring system
- Safety pressure switch controlled with built in pressure, vacuum, and flow gauges
- * Pressure, vacuum, and flood safety sensors
- * Ambient ozone sensors for employee and crop safety
- * Thermostatically controlled enclosure with ARIEL-TECH filtered fans
- * 1.0 - 3.0 hp stainless steel recirculation injection pump
- * Choose between "side-stream or "flow-through" configurations by simply opening a valve
- * Modbus and PRIVA capable
- * TCP/IP Module RJ45 QP65 Ethernet port

- * Teltonica 4G LTE, WiFi w/ auto WAN communication module and microSD

- * Plumbs into existing air supply

- * CSA or ULC certified designations at customer's request

OPTIONS

- * Upgrade to remote ATI ambient sensor
- * Nano-bubble injection for longer-lasting residuals
- * Additional residual ozone sensor for added safety



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