PENTAIR
CLEARWATER TECH

CIP20 CORONA DISCHARGE OZONE SYSTEM

This plug-and-play, yet sophisticated ozone system, is designed and manufactured in the USA with quality materials specifically used for ozone applications.

CIP20
Corona Discharge Ozone System

The CIP20 is a plug-and-play, easy to install wall-mounted system. It delivers dissolved ozone for clean-in-place applications including wineries, breweries, and cideries.

This compact ozone system includes diagnostic LED's, a stainless steel ozone generator, and Mazzai venturi for efficient mass-transfer of ozone to water. The aluminum powder-coated enclosure also houses a water-flow switch to provide the on/off function of ozone generation, while a custom designed circuit board with micro-processor seamlessly integrates each component of the system.

APPLICATIONS

Final rinse/surface disinfection of:

- Barrels
- Tanks
- Transfer lines
- Bottling equipment
- Walls, floors, drains, pumps
- Apple washing
- Process equipment
- Barrel, tank gassing, and preservation
- Micro-oxy source (replacement of oxygen tank)
- Environmental disinfection with ozone gassing to control airborne contaminants

KEY FEATURES

- Built-in air dryer
- Compact, wall-mounted
- Powder coated enclosure
- Regulated universal power supply
- Air cooled for ease of installation
- Solid state components
- Remote 4-20 mA control or manual control
- LED light status indicators
- Built-in moisture indicator and air filter

BENEFITS

- Microbe reduction
- Odor control
- Compact design
- Plug-and-play operation
- No residual by-products
- On-site production
- No storage or containers to refill
- Simple wall-mount installation
- Environmentally friendly

OZONE PRODUCTION

Water Inlet Pressure (PSI)	Water Outlet Back Pressure (PSI)	Water Flow Rate (GPM)	Dissolved Ozone Level (PPM)
20	5	1.3	0.54
60	15	2.3	0.30
100	30	3.0	0.23

Notes:
Water inlet pressure minimum is 20-PSI, maximum is 100-PSI • Water outlet back pressure must not exceed given levels
Water flow rate may vary • Dissolved ozone level is based on given water flow rates

EarthSafe TECHNOLOGY

Pentair - ClearWater Tech
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