

ClearWater Tech, LLC  
**MINI SERIES CORONA DISCHARGE OZONE SYSTEMS**

# CD30<sub>nx</sub>

OZONE GENERATION SYSTEM



RESIDENTIAL POOLS



BOTTLED WATER



AQUARIUMS



WATER FEATURES



COMMERCIAL POOLS



## APPLICATIONS

- Cannabis grow facilities
- Waste water
- Commercial pools and spas
- Residential swimming pools
- Potable water
- Bottled water production lines
- Aquariums
- Water features
- Larger volume water stores

## CD30<sub>nx</sub>

### CORONA DISCHARGE OZONE SYSTEMS

ClearWater Tech's CD30nx is a wall-mounted ozone system that sets the standard for the highest ozone output in an air-cooled unit. Engineered to provide optimal efficiency for demanding installations and built with powder-coated or stainless steel enclosures for longevity and durability.

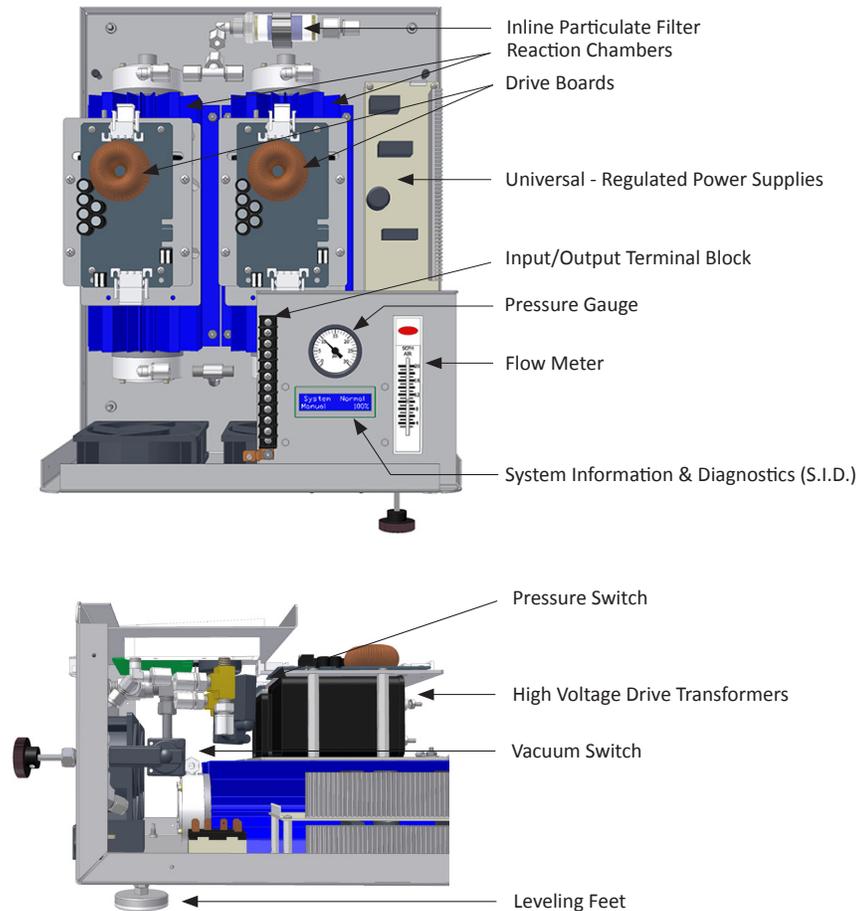
It is designed with the industries first on-board system information and diagnostics LCD display, which provides a seamless user interface to control and monitor ozone production and system diagnostics.

## FEATURES

- Compact, wall-mounted design
- System Information and Diagnostics (S.I.D.) LCD display
- Z-bar mounting system
- Stainless steel enclosure
- Dual pressurized, user serviceable reaction chambers
- Built-in pressure gauge and feed gas flow meter
- Universal regulated power supply 90-250VAC 47-63HZ
- Self-Resonating Technology - allows system to automatically adjust for pressure, flow to optimize ozone output
- Vacuum and pressure switch protected
- Thermal protection
- Auxiliary oxygen concentrator output control
- Manual ozone output control
- Remote 4-20mA ozone output control
- Proportional isolated 4-20mA output signal
- Programmable master alarm output for remote monitoring

## CD30 SPECIFICATIONS

<b>Ozone Output:</b>	30 grams per hour @ 5% by weight @ 15 SCFH (oxygen) 12 grams per hour @ 2.5% by weight @ 20 SCFH (dry air)
<b>Feed Gas:</b>	Oxygen – 93% +/- 3% oxygen purity Dry-Air – 21% oxygen purity @ -60°F dew point
<b>Feed Gas Pressure:</b>	10 psi (0.69 bar)
<b>Safety Protection:</b>	Vacuum Switch, Pressure Switch, Thermal Switch, Fault Sensor, Fused
<b>Ozone Control:</b>	Manual Push Button 0-100% Remote 4-20mA 0-100% Input Signal (4mA=0%, 20mA=100%)
<b>Output Signal 4-20mA:</b>	Isolated 4-20mA proportional to Ozone Output, non-powered
<b>Master Alarm Signal:</b>	Normally Open Relay Contact – 100mA max
<b>Output Signal 24VDC:</b>	24VDC 300mA max output
<b>Auxiliary Switched Power:</b>	Power Output Dependent of System Main Power Input – 660 watts max
<b>External Loop:</b>	Dry-Contact Interface – Ozone Shutdown (voltage-free contact)
<b>Ambient Operating Conditions:</b>	95° F (35° C) Max, 0-90% R.H. Non-Condensing, Continuous
<b>Power Rating:</b>	90-250VAC 47-63HZ, 3.3-1.2 Amps (unit only) Note: If an oxygen concentrator is powered by the CD28nx, add the current draw of both systems for total current draw
<b>Dimensions:</b>	21.0" h X 15.8" w X 9.8" d (533 h X 402 w X 249 d cm)
<b>Weight:</b>	44 pounds (19.95 kg)
<b>Display Languages:</b>	English, Spanish, French



### ClearWater Tech, LLC

Ozone Systems for Water & Air Purification

850-E Capitolio Way, San Luis Obispo, CA 93401 • sales@cwtozone.com • www.cwtozone.com • REV080720