



CD15nx CORONA DISCHARGE OZONE SYSTEM



RESIDENTIAL POOLS



BOTTLED WATER FILL LINES



AQUARIUMS



WATER FEATURES



COMMERCIAL POOLS



CD15nx

APPLICATIONS

- Waste Water
- Commercial Pools & Spas
- Residential Swimming Pools
- Potable Water
- Bottled Water Production Lines
- Aquariums
- Water Features
- Larger Volume Water Stores

CD15nx Corona Discharge Ozone System

The CD15nx is the most advanced ozone generator available today. Designed with the industry's first Diagnostics LCD display which provides a seamless user interface to control and monitor ozone production and system diagnostics.

The CD15nx allows for universal power input and produces fifteen grams per hour (15g/h) at five percent concentration by weight (5%), with oxygen feed gas.

The new drive circuitry utilizes ClearWater Tech's Self-Resonating Technology, which allows the system to automatically adjust for pressure, flow, and other potential current variations to optimize ozone output and the system's electronic stability.

FEATURES

- Compact, wall-mounted design
- System Information and Diagnostics LCD display (displayed in various language)
- Z-Bar mounting system
- Stainless steel enclosure
- Single pressurized, user serviceable reaction chamber
- Built-in pressure gauge and feed gas flow meter
- Universal regulated power supply 90-250VAC 47-63HZ
- Self-Resonating Technology (SRT)
- Safety— 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



CD15nx SPECIFICATIONS

Ozone Output:	15 grams per hour @ 7.5% by weight @ 8 SCFH (oxygen) 6 grams per hour @ 10% by weight @ 10 SCFH (dry air)
Feed Gas:	Oxygen – 93% +/- 3% oxygen purity Dry-Air – 21% oxygen purity @ -60°F dew point
Feed Gas Pressure:	10 psi (0.69 bar)
Safety Protection:	Vacuum switch, pressure switch, thermal switch, fault sensor, fused
Ozone Control:	Manual Push Button 0-100% Remote 4-20mA 0-100% Input Signal (4mA=0%, 20mA=100%)
Output Signal 4-20mA:	Isolated 4-20mA proportional to ozone output, non-powered
Master Alarm Signal:	Normally open relay contact – 100mA max
Output Signal 24VDC:	24VDC 300mA max output
Auxiliary Switched Power:	Power output dependent of system main power input – 660 watts max
External Loop:	Dry-contact interface – ozone shutdown (volt-free contact)
Ambient Operating Conditions:	95° F (35° C) Max, 0-90% R.H. non-condensing, continuous
Power Rating:	90-250VAC 47-63HZ, 2.1 – 0.8 Amps (unit only) Note: If an oxygen concentrator is powered by the CD15nx, add the current draw of both systems for total current draw
Dimensions:	21.0" h X 10.2" w X 9.8" d (533 h X 260 w X 249 d mm)
Weight:	32 pounds (14.51 kg)
Display Languages:	English, Spanish, French

CD15nx – Ozone Generator

