

# Prozone Hybrid Systems Comparison

Superior Ozone Performance to Competitors Spa CD Model

## ***The Prozone Hybrid System:***

Does not produce nitrous compounds

Does not degenerate ozone with temperature

Works in all temperatures and thrives in high humidity

Runs cooler than a CD system

Electrode does not crack or over-saturate

Strong polycarbonate and aluminum housing

UR recognized for all spa installations using

Underwriter's Laboratories C of A installation

Mechanically Interchangeable with Competitors Spa CD Model

## Electrical

Low voltage, VUV systems have No Open Arc

CD systems convert voltage from 110V to 7,500V



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# Summary of Ozone Generation

Performance Parameter	Hybrid™ Technology	Competitors Type II CD	Competitors Very Ultra Violet
Steady Output	Yes	Erratic	No
Produces Harmful Byproducts	No	Yes	No
Produces Nitric Acid	No	Yes	No
Chemical Production – Technology Impact	Pure, Atmospheric Ozone	Ground Level Ozone and NOX Compounds	Pure, Atmospheric Ozone
Impact of Increasing Humidity	AOP Increases	System Shuts Down	Output Decreases
Impact of Increasing Temp	None	Output Decreases	Output decreases
High Voltage	No	Yes- 7,500 or more	No
Power Consumption	Low	Low	Low
Open Arc	No	Yes	No
Low Voltage	Yes – less than 50 volts	No	Yes
System Life	20,000 Hours	9,0000 Hours	9,000 Hours
Produces AOP	Yes	No	Some
Ozone Output	90 mg/hour	50 mg/hour	30 mg/hour
Warranty	2 yr	6 months to 1yr	1yr

**Prozone's patented Hybrid Ozone systems combine VUV, corona and UV-C. Hybrid systems provide higher concentration of ozone generation without the corrosive by-products of traditional corona discharge systems. The result is a new technology that produces reliable output while taking advantage of VUV inherent simplicity, ruggedness and pure ozone production.**



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