

POS Series Swimming Pool Ozone Systems

Bodycare Ozone Equipment

OVERALL

We took our most popular ozone generators and combined with all the ancillary components that make up the perfect turn-key systems. The Swimming Pool Ozone Systems (POS) from Bodycare Ozone Equipment are designed in properly size and as simple as possible.

The POS series are turn-key, skid-mount, air-cooled, VUV or CD type ozone/water contacting systems specifically designed for swimming pool applications. The system incorporates complete VUV or CD type ozone generator, oil-less compressor(s), system operation & function indicating control panel, ozone injector with bypass valve, water backflow prevention device, PVC contacting vessel with degas valve, gray epoxy powder coated mild steel cabinet with stainless steel mounting base and with the main function of vacuum triggered system On/Off control & ozone safe interlock both for VUV & CD type, ORP controlled ozone output auto adjusting only for CD type. The water boost pump, ORP controller & ozone destructor are optional. POS in VUV type produces ozone in 4g/hr, 6g/hr & 8g/hr; POS in CD type produces ozone in 10g/hr, 20g/hr, 30g/hr & 40g/hr.

DESIGN FEATURES

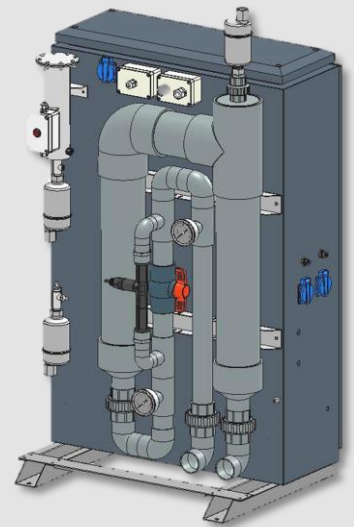
- Corona Discharge (CD) or Very UV (VUV) radiation
- Integrated PSA Module(s)
- Contacting Vessel Combined
- Degas & Auto Drain Valves
- Oil-less Compressor(s) Equipped
- Automatic Control
- Ozone Boost Pump Optional
- ORP Controller Optional
- Ozone Destructor Optional

BENEFITS

- Clearer, cleaner water
- Complete sanitation
- Superior oxidation
- No harmful by-products
- No or reduce chlorine usage
- Neutral PH of water



Front View (CD Type)



Rear View

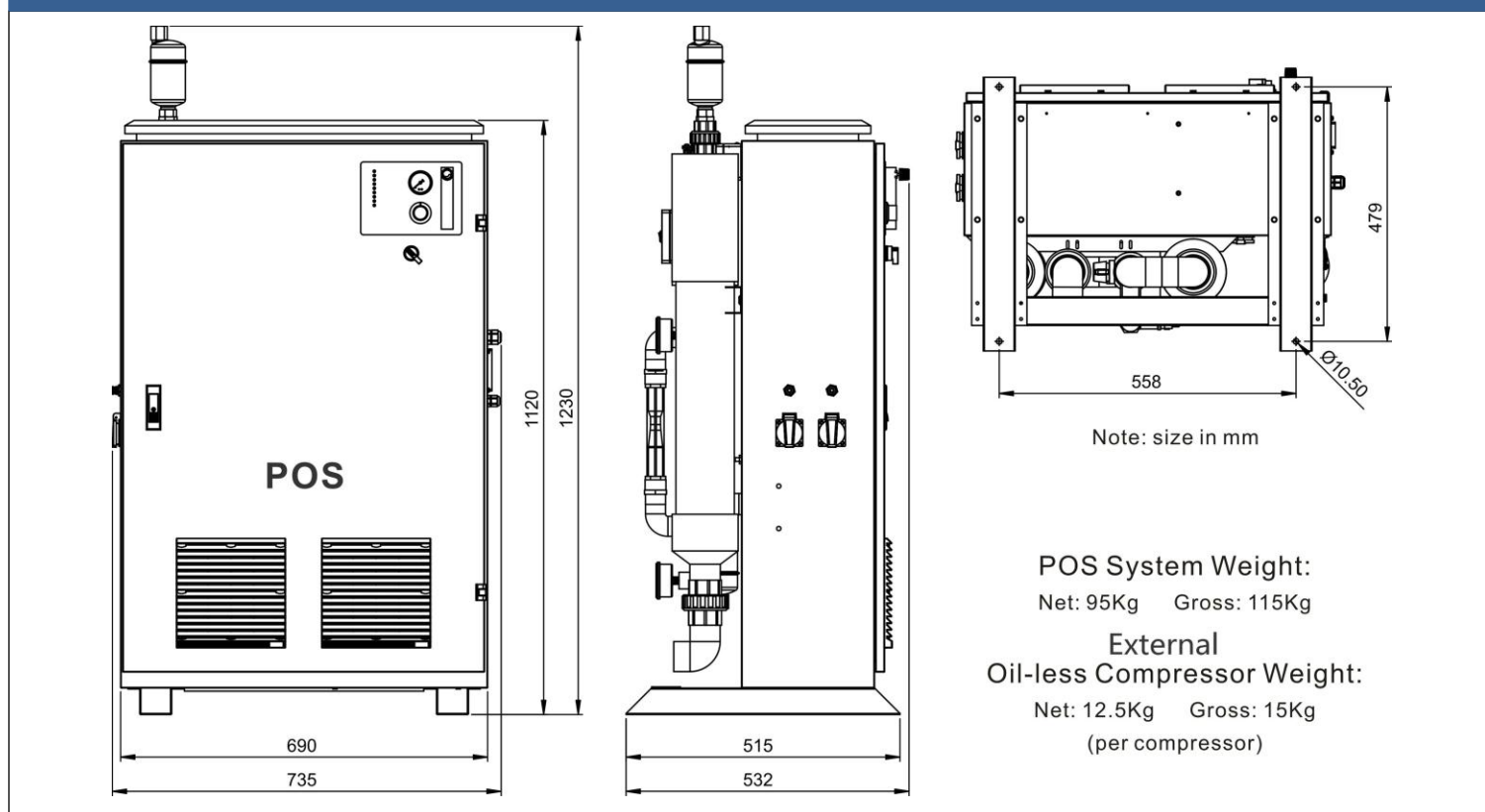
Specifications Sheet—CD Type

SPECIFICATION	POS-10	POS-20	POS-30	POS-40
Ozone Output	10g/hr	20g/hr	30g/hr	40g/hr
Matched Pool Volume *	Up to 450M ³	Up to 900M ³	Up to 1350M ³	Up to 1800M ³
Equipped Compressor Qty. (Flow @ Pressure)	One (60LPM @ 2bar)	One (60LPM @ 2bar)	Two (120LPM @ 2bar)	Two (120LPM @ 2bar)
Water Connection Size	Inlet: 1.5"/50mm Outlet: 1.5"/50mm	Inlet: 1.5"/50mm Outlet: 1.5"/50mm	Inlet: 1.5"/50mm Outlet: 1.5"/50mm	Inlet: 1.5"/50mm Outlet: 1.5"/50mm
Power Requirement ** (Single Phase)	120/240V 60/50HZ 450W	120/240V 60/50HZ 600W	120/240V 60/50HZ 1050W	120/240V 60/50HZ 1200W
Optional Water Boost Pump Requirement	5M ³ @ 20m Head	5M ³ @ 20m Head	9M ³ @ 20m Head	9M ³ @ 20m Head
ORP Controller	Option	Option	Option	Option

Note: “*” For indoor commercial pool with middle bather load & chlorine as secondary sanitizer only.

“**” Not include water boost water pump’s power consumption

Dimension & Weight—CD Type



Bodycare Ozone Equipment Factory

29-18 Jingshenxi 3RD Str. Daoyi Economic Development Dis.

Shenyang 110136, P.R. China

www.bcozone.com

bcozone@188.com

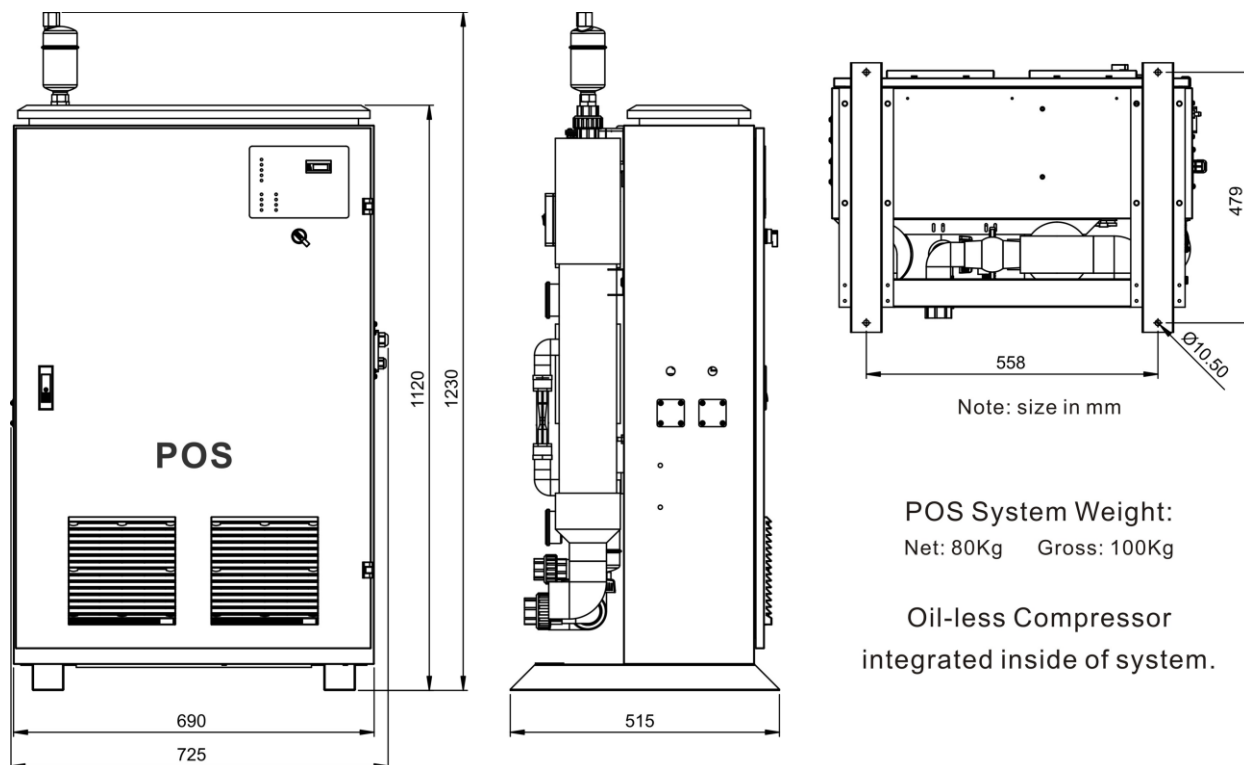
Specifications Sheet—UV Type

SPECIFICATION	POS-4UV	POS-6UV	POS-8UV
Ozone Output	4g/hr	6g/hr	8g/hr
Matched Pool Volume *	Up to 360M ³	Up to 540M ³	Up to 720M ³
Equipped Compressor Qty. (Flow @ Pressure)	One (20LPM @ 0.05bar)	Two (20LPM @ 0.05bar)	Two (20LPM @ 0.05bar)
Water Connection Size	Inlet: 1.5"/50mm Outlet: 1.5"/50mm	Inlet: 1.5"/50mm Outlet: 1.5"/50mm	Inlet: 1.5"/50mm Outlet: 1.5"/50mm
Power Requirement ** (Single Phase)	120/240V 60/50HZ 450W	120/240V 60/50HZ 550W	120/240V 60/50HZ 650W
Optional Water Boost Pump Requirement	3M ³ @ 20m Head	5M ³ @ 20m Head	5M ³ @ 20m Head
Optional ORP Controlled	n/a	n/a	n/a

Note: "*" For indoor hotel pool with middle bather load & chlorine as secondary sanitizer only.

**" Not include ozone boost water pump's power consumption.

Dimension & Weight—UV Type



Bodycare Ozone Equipment Factory

29-18 Jingshenxi 3RD Str. Daoyi Economic Development Dis.

Shenyang 110136, P.R. China

www.bcozone.com

bcozone@188.com