

High Flow Ozone Injection System

30 GPM Ozone Injection System

The SS-30 is a fully automated stainless steel ozone injection system. Incoming water is dosed with ozone to attain dissolved ozone levels exceeding 3 PPM. A venturi coupled with a high efficiency static mixer results in mass transfer rates approaching 90%.



Features

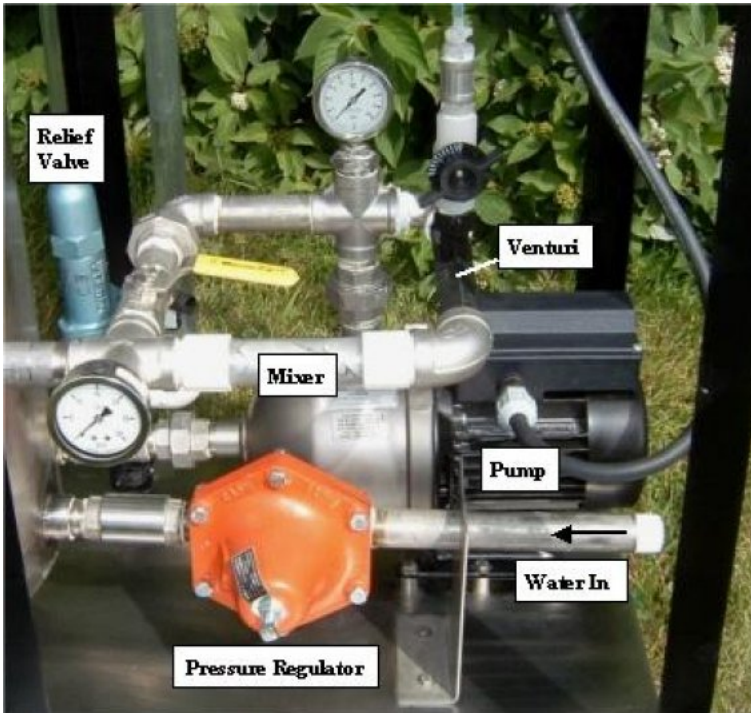
- turnkey system ready for installation
- high ozone dosage
- ozone controller ensures continuous automated operation
- simple one switch start-up & shut-down
- 60 gallon tank holds ozonated water until it is needed

Product ID: **SS-30**
Lead Time: **7 weeks**

Specifications

Ozone Production	16 gm/hr shown (up to 64 gm/hr with the addition of 3 more ozone generators)
Water Flowrate	30 GPM (112 lpm)
Safety	Ozone leak detection and shut-down
Maximum Pressure	30 PSI (2-bar)
Feedgas to Ozone Generator	dry air
Ozone Injection	Kynar Venturi followed by vortexing static mixer
Controller Features	<ul style="list-style-type: none"> Hour meter tells duration of ozone production High air dryer dewpoint interlock Air dryer shutdown if R.H. gets too high Ozone Leak detection & generator shut-down Ozone production starts once suction from venturi is detected High temperature shutdown
Inlet/Outlet Connections	1.5-in FPT

Ozone Injection Apparatus



The orange pressure regulator regulates the water pressure to acceptable tank limits. The pump constantly recirculates the ozone within the tank to maintain an ozone buffer. Using the pressure gauges, personnel can quickly observe downstream & injector pressure to ensure adequate pressure differential.

SS-30 ORP Probe



Optional ORP sensor at the outlet of SS-30 contact tank. Cable extends to Controller to regulate ozone production based on ORP reading.