### THM / VOC Removal- System Options

Floating Spray Aeration For Tanks and Clearwells

**Skid-Mounted Stations For Use Along The Line** 







### THM / VOC Removal- In The Clearwell

THM Removal at the clearwell can help down the line.

- THM removal at the clearwell can help the whole city system.
- Incoming THM levels are typically low and harder to remove.
- Due to high flow rates, it may be more cost effective to remove in distribution tanks.
- Sometimes chlorine is added later on in system defeating some of the benefits.





### THM / VOC Removal- In The Tank

Mixer, Ventilation, Spray Aeration

- Active removal.
- Provides THM volatilization.
- Systems can be reliably designed to provide a desired removal rate.
- Multiple spray aeration units can be installed to treat higher volumes.
- Larger blowers can be installed at ground level.

# SN SERIES- In-Tank Spray Aeration Components

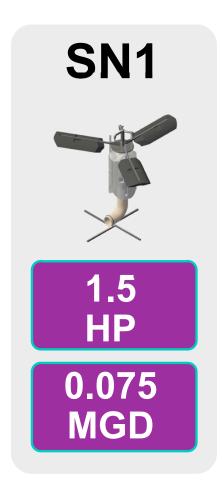
- Floating Spray Aeration
- Tank Mixing
- Tank or Ground Mounted Ventilation System

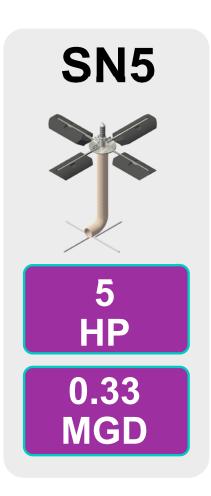
For all types of tanks & clearwells. Scalable to treat higher volumes.





## SN SERIES- Equipment Models









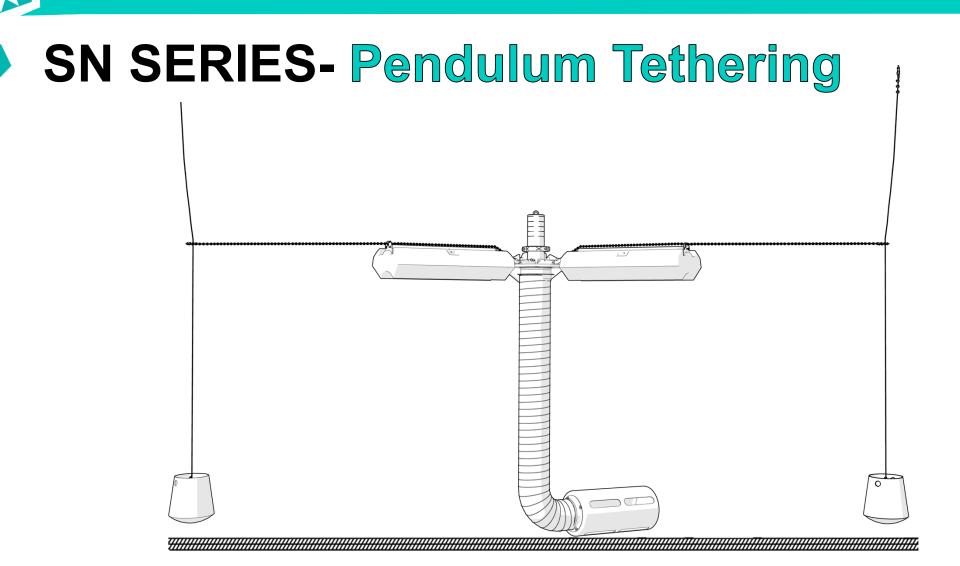


## SN SERIES- Collapsible Design

- No need to take the tank out of service.
- Fits through a 24" X 24" or larger hatch.
- Multiple spray aeration units can be installed through a single hatch.
- Simple tethering system is included.









# SN SERIES-In-Tank Spray Aeration

100% Proven.

Performance Guaranteed.

- No need to drain the tank.
- No disruption in service.
- Portable and scalable.
- Factory placement.
- Minimal headspace needed
- Fits thru 24" D or larger hatch
- No need for a hatch above
- No maintenance required



# SN SERIES-In-Tank Spray Aeration



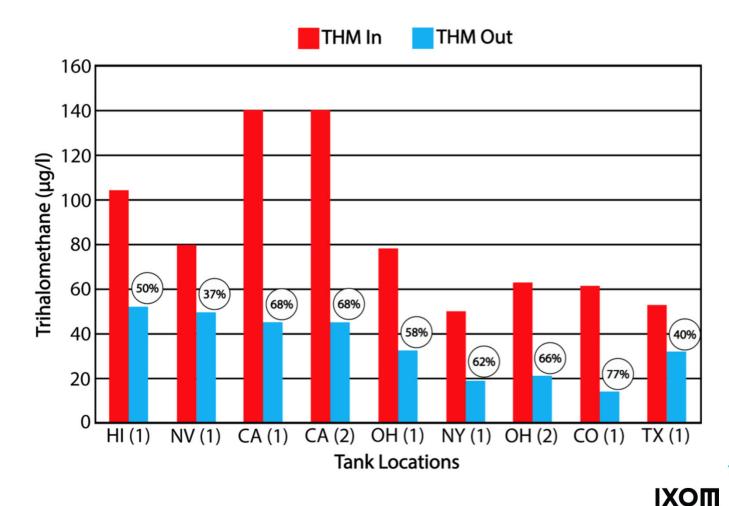
# **SN SERIES-Multiple Spray Aeration Units**





### THM / VOC Removal- Proven Results

Spray aeration systems can be designed for virtually all reservoirs and any desired trihalomethane reduction result.



### **Ventilation Options – F4 Blowers**

F4 Blower can be tank mounted.





### **Ventilation Options- F4 Blowers**







# **Ventilation Options- F8 / F11**

### **Blowers**







# Ventilation Options- F8 / F11 Blowers





### **Control Panels**



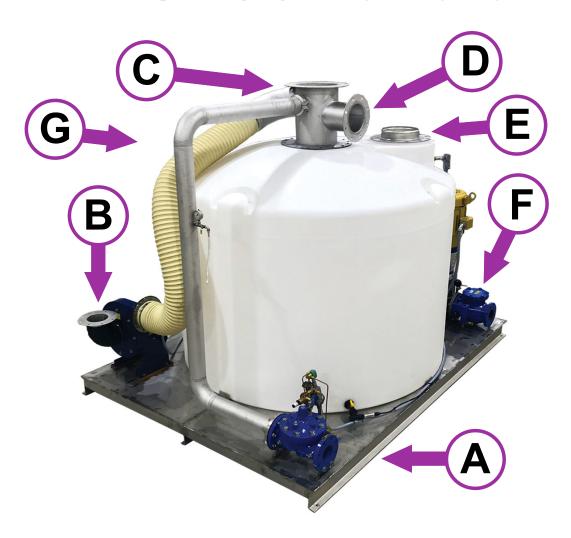


For use in remote areas of the water distribution system.

- Flow is never impeded to the users.
- For a "looped" area, one skid unit is required for each side of the loop.
- The system treats virtually all water that flows to the users, and can be designed for virtually any GPM and MGD in the affected region.



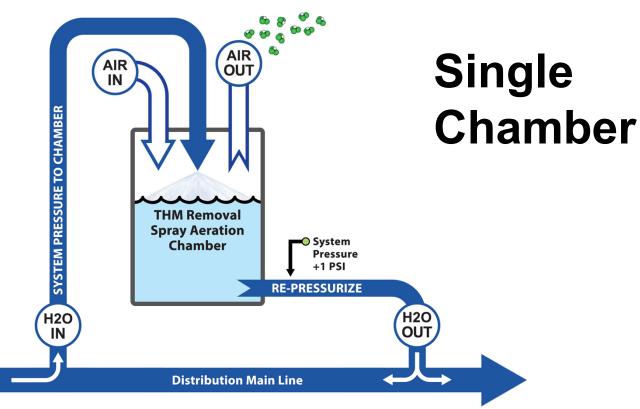




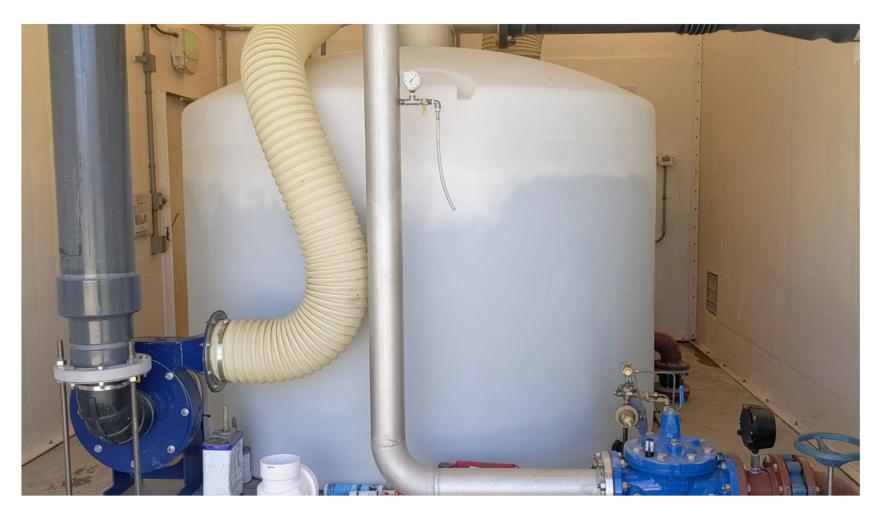
- A Inlet uses system pressure to power spray aeration.
- **B** Blower Intake
- (C) Air-Water Interface
- (D) Overflow
- (E) Air Exhaust
- (F) Outlet Pump
- G Control Panel included (not shown)

IXOII

Configurations









#### **Customer Responsibilities**

- Construct a pad and enclosure.
- Perform electrical and water main tie-ins.











### Contact Us!

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