

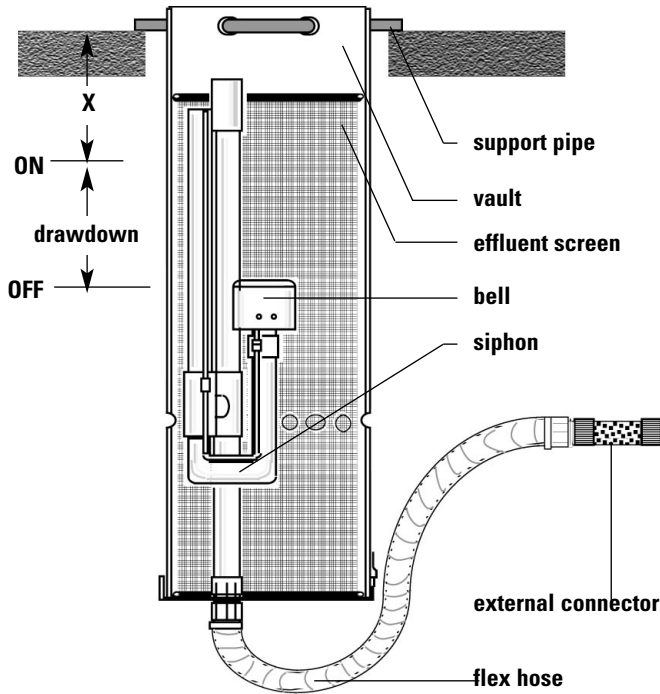
2" Dia. Dosing Siphons

Submittal
Data Sheet



Applications

Dosing Siphons are used to convert small, continuous flows into large, intermittent dosing flows for pressurizing distribution systems where geography allows for gravity discharge.



General

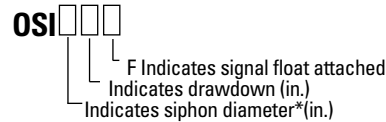
Orenco 2" Dosing Siphons are enclosed within a screened vault for dosing from within a single compartment septic tank. Included with the siphon are a vault, mesh screen, support pipe, flex hose and a textured external connector.

For more information on screened vaults (US patent #4439323), refer to the *Screened Vaults* submittal sheets.

Standard Models

OSI 204, OSI 204F, OSI 208, OSI 208F, OSI 210, OSI 210F, OSI 212, OSI 212F, OSI 214, OSI 214F

Nomenclature



*For siphons with a larger diameter than 2", refer to the *Large Dosing Siphons* submittal sheets.

Specifications

Dimensions	Model OSI 204	Model OSI 208	Model OSI 210	Model OSI 212	Model OSI 214
Siphon Diameter (in.)	2	2	2	2	2
Drawdown (in.)	4	8	10	12	14
Avg. Discharge (gpm)	30	30	34	34	38
Height of Vault (in.)	48	48	48	48	48
Diameter of Vault (in.)	15	15	12	12	12
X = ON level from tank top (in.)	12	17	17	17	17

Materials of Construction:

- Siphon & Support Pipe: PVC per ASTM D-1784, D-1785, and D-2241
- Screen Top & Base: Blue low-viscosity polyurethane
- Screen Body: Black medium density polyethylene with U.V. stabilizer
- Vault Body: PVC pipe per ASTM D-1784 and SCS 432E
- Vault Base: Resin: U.V stabilized chemical resistant polyester
- Fiberglass: Continuous strand E-glass mat
- Flex Hose: Plastic