

SPECIFICATIONS

- Tablet recommendations: NSF®Std. 60 listed solid calcium hypochlorite only
- Performance: Typical 50 – 2,000 GPM wells and fresh water supply at dosing levels up to 2 PPM
- Chlorine delivery: 0 – 3.0 pounds of chlorine per hour. Delivery will vary depending on size and manufacture of calcium hypochlorite tablet.
- Solution metering pump:
 - Type: Diaphragm, positive displacement, variable stroke and variable speed
 - Performance: 0 – 2.75 GPM
- Chlorine delivery controls:
 - Manual: Pump speed with variable control, panel mounted
 - Automatic flow pacing: Automatically adjusts pump speed when supplied with 4-20mA signal from process flow meter or chlorine analyzer
 - Solution Strength: Solution concentration can be varied by adjustment of Vortex by-pass water. (8 GPM feed water remains unchanged)
- Tablet Capacity: 80 lbs.
- Water required: 8 GPM clear, potable at pressures of 30 – 75 PSI (Feed water pressures above 75 PSI requires an optional inlet pressure regulator)
- Frame: Laser cut, hot dip galvanized steel
- Leveling legs: (4) stainless steel adjustable with leveling bubble
- Dimensions:
- Weight:

ELECTRICAL SPECIFICATIONS

- Enclosure: UL®listed NEMA 4X
- Power supply: 110 VAC @ 5 amps
- Pump Motor: 1/3 hp, variable speed TEFC, 90 VDC
- SCADA READY

MATERIALS OF CONSTRUCTION

- Frame: Laser cut, hot dip galvanized steel with hot dip galvanized fasteners
- Tablet feeder (eroder): PVC
- Mixing chamber: HDPE tank with all PVC internal components including lid
- Solution tank: 33 gallon, HDPE 24”L x 18”Wx 18”H
- Piping: Sch. 80 PVC
 - Inlet water supply at bulkhead: 1” Sch. 80 PVC
 - System Outlet: ½” FNPT
 - All piping is Sch. 80 PVC or 1” nylon reinforced PVC clear tubing
- Relief valve: Sch. 80 PVC
- Flow limiting valve: PVC

- All pipe and hose fittings: Sch. 80 PVC
- Bulkhead Fittings: HDPE spin welded and Sch. 80 PVC
- Pump Suction Strainer: PVC
- Pump:
 - Fluid end: PVC,
 - Valves: Ceramic with Viton® trim
 - Diaphragms: Teflon®/EPDM

OPTIONAL EQUIPMENT

- Chlorine analyzer, chart recorder, back-up injection pump, inlet pressure regulator, inlet strainer

CERTIFICATIONS

- Entire system is NSF 61 listed, Hammonds is ISO 9001:2015 , UL certified electrical