



## Compact Series I with VFD Drive

## systems



Self-Contained unit with self-cleaning filter and onboard ozone recirculation. Up to 60 gallons of filtered water per minute. Filtration down to 25 microns absolute. NEMA IV Rated Variable Speed Drive controls pump motor. Epoxy coated aluminum filter housing. Ozone recirculation system optional with oxygen concentrator, ozone generator, ozone injector. Ozone removes VOC's, organics, biologicals and hydrocarbons from the treatment water providing disinfection, odor and color removal.

### Specifications:

*Frame and piping are 304 stainless steel  
Filter Element is 316 stainless steel  
Hardware is stainless steel or other non-corroding material*

#### Filtration system

- \* H: 52" W: 44" D: 34" weight 475lb (shipping weight 625 lb)
- \* Input power: 208/230/480 volt, 3 phase @ 8.5 / 8 / 4.1 amp max
- \* Control Power: 115 vac, 15 amp max
- \* On/Off Control: Switch selectable Off/On or remote
- \* Primary Pump: 3 HP pump, 60 GPM @ 50 PSI VFD Driven
- \* Particulate Separator: Self-Purging Vortex Filter
- \* Inlet filtration: Cleanable Basket Strainer
- \* Primary Filtration: 25-micron self-cleaning filter, stainless steel element
- \* Water Inlet: 2" FNPT
- \* Filtered Water Outlet: 2" FNPT
- \* Air Requirement: 90 PSI 3/8 min hose diameter
- \* Backwash Cycle Time: 8 seconds
- \* Ballast Tank: Fiberglass wound with synthetic bladder

#### Ozone Recirculation System (optional on all free standing series)

- \* On/Off Control: Preprogrammed ramp up/down with soft start via VFD
- \* Recirculation pump: Recirculation via primary pump in low speed mode
- \* Ozone injection: 11 or 22 Gr/Hr fed into water via Mazzei injector (adjustable)
- \* Ozone Generation: High efficiency corona discharge with 98% purity O<sup>2</sup> feed.
- \* Ozonated water outlet: 1" PVC

#### Options:

- \* Auto Bypass
- \* Ozone generator with oxygen concentrator
- \* Munox enzymatic odor control (biological method of removing surfactant and oils)