

## systems

**Compact Series II 5 HP**

Self-Contained unit with stainless steel self-cleaning filtration system. Supplies up to 100 gallons of filtered water per minute. Filtration down to 25 microns absolute with permanent stainless steel filter.

Compact units utilize wall mounted oxygen concentrator and ozone generator,. Mazzei ozone injector and recirculation pump provides 19 gpm of ozonated water to your treatment tanks. Ozone removes odors, VOC's, organics, biologicals and hydrocarbons from the treatment water providing disinfection and color removal. See tanking data sheet for example treatment tanks.

**Specifications:****Filtration system**

- H: 52" W: 44" D: 34" weight 650 lbs (shipping weight 735 lbs)
- Input power: 208/230/480 volt, 3 phase @ 30 / 25 / 15 amp max
- Control Power: 115 vac, 15 amp max
- On/Off Control: Switch selectable Off/On or remote
- Primary Pump: 5 HP centrifugal pump, 100 GPM @ 60 PSI
- Particulate Separator: Self-Purging Vortex Filter
- Inlet filtration: Cleanable Basket Strainer
- Primary Filtration: 25-micron self-cleaning filter, stainless steel element
- Water Inlet: 3" FNPT
- Filtered Water Outlet: 2" FNPT
- Air Requirement: 90 PSI 3/8 min hose diameter
- Backwash Cycle Time: 8 seconds

**Ozone Recirculation System**

- Provides 98% transfer rate of ozone to reaction tank
- 208/230/480 volt, 3 phase @ 3.1 / 2.7 / 1.75 amp max
- On/Off Control: selectable on/off/auto (auto uses PLC programmed on/off cycle)
- Recirculation pump: centrifugal .75 hp, rated 30 gpm @ 30 psi
- Ozone injection: 11 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: 22 Gr/Hr ozone.

**Frame and piping are 304 stainless steel**

**Filter Elements and Housings are 304 stainless steel**

**Hardware is stainless steel or other non-corroding material**