

systems



FilterJet 500

Self-Contained unit with stainless steel self-cleaning filtration system and onboard ozone recirculation. Supplies up to 125 gallons per minute with three-inch inlet option. Filtration down to 25 microns absolute with 10 microns optional. Ozone recirculation system is complete with oxygen concentrator, ozone generator, mazzei ozone injector and recirculation pump to provide 25 gpm of ozonated water out to your treatment tanks. Ozone removes VOC's, organics, biologicals and hydrocarbons from the treatment water providing disinfection, odor and color removal. See tanking data sheet for example treatment tanks.

Frame and piping are 304 stainless steel

Filter Elements and Housings are 304 stainless steel

Hardware is stainless steel or other non-corroding material

Specifications:

Filtration system

- * H: 70" W: 60" D: 33" weight 735 lb (shipping weight 790 lb)
- * Input power: 208/230/480 volt, 3 phase @ 13.1 / 11.5 / 5.7 amp max
- * Control Power: 115 vac, 2 amp max
- * On/Off Control: Switch selectable Off/On or remote
- * Primary Pump: 5 HP pump, 100 GPM @ 55 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

- * 208/230/480 volt, 3 phase @ 4.7 / 4.9 / 2.35 amp max
- * On/Off Control: selectable on/off/auto (auto uses PLC programmed on/off cycle)
- * Recirculation pump: centrifugal 1.5 hp, rated 30 gpm @ 30 psi
- * Ozone injection: 11 or 22 Gr/Hr fed into water via Mazzei injector (adjustable)
- * Ozone Generation: High efficiency corona discharge with 98% purity O² feed.
- * Ozonated water outlet: 1" PVC

Options:

- * Auto Bypass
- * 22 Gr/Hr ozone generator