

Twin Hydrocyclone

Reclaim System



Self-Contained unit on stainless steel stand with twin HydroCyclones to filter out sand and grit from car wash water. Corrosion resistant Stainless steel piping and frame.

3 HP Supplies up to 70 gallons of filtered water per minute. 5 HP to 100 GPM

Unit has on board bio odor control and air injector that can also be used with ozone.

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 are powder coated rust resistant steel
Hardware is stainless steel or other non-corroding material

Specifications:

Filtration system

- * H: 52" W: 44" D: 34" weight 405lb (shipping weight 495 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, 70 GPM @ 50 PSI VFD Driven
- * Particulate Separators: Self-Purging Vortex HydroCyclone Filters (QTY 2)
- * Inlet filtration: Cleanable Basket Super-Strainer™
- * Water Inlet: 3" FNPT
- * Filtered Water Outlet: 1 1/2" FNPT
- * Air Requirement: none
- * Backwash Cycle Time: continuous

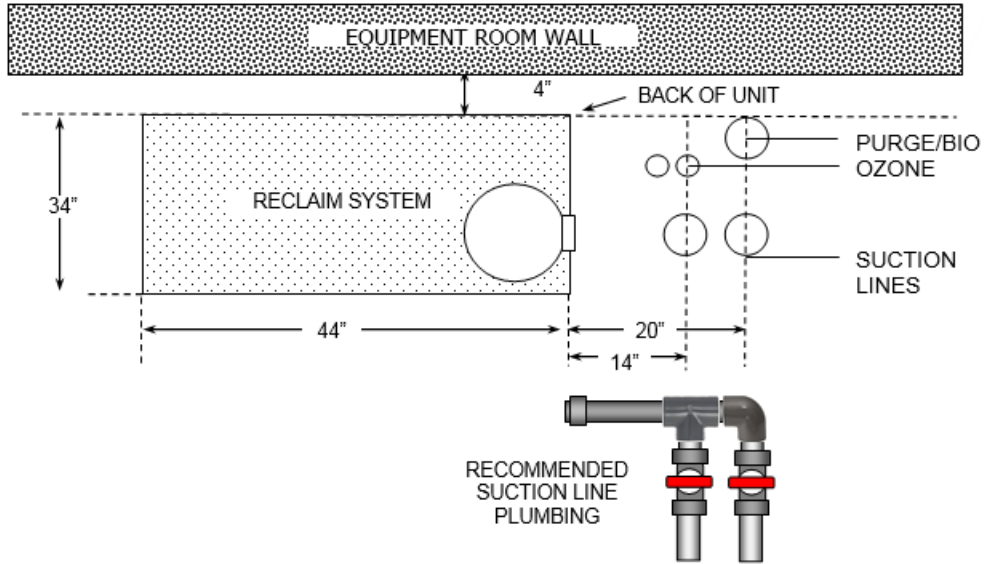
Ozone Recirculation System (optional on all series)

- * Provides 98% transfer rate of ozone to reaction tank
- * No external pump needed
- * On/Off Control: continuous operation with pump control
- * Ozone injection: 11 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 (plumb to 1 1/4" ozone line)

Options:

- * Auto Bypass
- * Ozone generator with oxygen concentrator

Simple Reclaim System Plumbing Stub-ups



Simple Reclaim System Flow Diagram

