

### 1] Screen

**Mesh:** 60 mesh SS Woven Wire Cloth with perforated sheet backing  
**Type:** 304SS  
**Surface Area:** 50 sq. ft  
**Max Pressure:** Atmospheric  
**Rating:** ANSI/ ASTM A555-79  
**Process Connections:** 2" 150# Flange 316 Stainless Steel

### 2] Frame

**Bearings:** Seal Master RFB2102 Enclosed Flanged  
**Frame supports:** 304 Stainless Steel tubing  
**Collection tubs:** 304 Stainless Steel sheet  
**Base:** Epoxy Coated A36 Carbon Steel  
**Pump/Pipe Supports:** Epoxy Coated Galvanized Unistrut

### 3] Flushing

**Flush Piping Connections:** 2" 150# Flange 316 Stainless Steel  
**Pipe Clamps:** Victaulic Zero-Flex Style 07 EPDM  
**Spray Nozzles:** IMEG-2 ¼" 1.5gpm, 1000psi, Flat Nozzles  
**Flushing Frequency:** Timer Configurable  
**Valve:** FloTite 300 series  
**Actuator:** Indelac MR Nema 4 Electric actuator series  
**Pump:** Hydracell D35 1000psi, 22.5gpm  
**Motor:** Baldor 480VAC 20HP, 1150 RPM  
**Motor Speed Controller:** Allen Bradley Power Flex 40 480VAC, 3phase, 50/60Hz  
**Pressure Relief:** Kunkle 911 Series ¾" by 1" Outlet, Set Pressure 900psi  
**Relief Piping Connections:** 1" 300# Flange 316 Stainless Steel  
**Pressure Gauges:** Pump Outlet WIKA 233.54 or ASHCROFT 1009 (1500psi)

### 4] Electrical Specifications:

**Enclosures:** Hoffman NEMA 4 Powdercoat Finish  
**Switches:** Allen Bradley Start/ Stop 8000H  
**Timers:** ATC Long Range Model 365 Timer  
**Rotation Motor:** SEW Eurodrive RSeries 234 Speed Ratio, 1HP, 1750 RPM  
**Motor Speed Controller:** Allen Bradley Power Flex 40 480VAC, 3phase, 50/60Hz  
**Sump Pump:** Grundfos KP350 Series w/ float switch, 1HP, 1phase, 50/60Hz

### 5] Operating Site Conditions:

**Equipment Rating:** NEMA 4, Indoor/Outdoor protect from sunlight & rain.  
**Ambient Temperature:** 5 - 37°C  
**Storage Temperature:** 2 - 70°C (Protect pipes from Freezing)

**Max Relative Humidity:**  
**Elevation:**

<95%, non-condensing  
3300 ft maximum without derating