

To Install:

- Remove the 4 bolts on the small end of the 2 mounting brackets (circled in Red on the page two picture)
- Place the saddle brackets around the vertical frame pole on the right side of the machine and loosely reinsert the 4 bolts
- Slide and rotate the assembly up and down the vertical frame pole until it is located in a comfortable position (the bottom saddle bracket should be approximately 1 foot above the equipment base plate)
- Fully tighten the 4 bolts

To Fill the Pump Cleaner Reservoir:

- Remove the top section of 1/4" SS Tubing by loosening the above the equipment base plate) tube fittings at each end using a 9/16" box wrench
- Unscrew the Brass Lid
- Confirm that the bottom Pump Cleaner valve is closed
- Fill reservoir with Ethanol 50%-100% full
- Screw the Brass Lid back into place
- Replace the top 1/4" SS Tubing and tighten the tube fittings at each end

To Connect the Pump Cleaner (see page 4):

- Close the Red #1 and Red #4 valves
- Slowly disconnect the fill hose (6' x 1/4" High Pressure Hose) from the Yellow Fill Port Valve, allow this line to depressurize, before fully removing
- Slowly open the Yellow Fill Port valve (approximately 1/8th to 1/4th turn) and all the pump to depressurize
- Slowly disconnect the Pump Discharge hose (18" x 1/4" High Pressure Hose) where it connects to the Red #1 Valve, allow it to depressurize before unscrewing completely
- Connect the free end of the Pump Discharge Hose to the Top Pump Cleaner fitting (as indicated in the page 3 picture)
- Reconnect the Fill Hose to the Yellow Fill Port Valve
- Disconnect the other end of the Fill Hose from the Bottle Fill Sight
- Connect the free end of the Fill Hose to the bottom Pump Cleaner fitting (as indicated in the page 4 picture)

To Use the Pump Cleaner:

- Open the Top Pump Cleaner Valve
- Open the Bottom Pump Cleaner Valve
- Confirm that the Yellow Fill Port Valve is Open
- Turn the system main power switch ON
- Set your VFD Set Point 100 psi higher than the current pressure in your Extraction Vessel - Press the Green "Run" button on the VFD
- Allow the pump to run for desired amount of time
- Press the Red "Stop" button on the VFD
- Turn the system main power switch OFF
- Close the Yellow Fill Port valve
- Close the Bottom Pump Cleaner Valve
- Close the Top Pump Cleaner Valve
- Have a container ready to catch the residual Alcohol in the hoses
- Disconnect the Pump Discharge Hose from the Top Pump Cleaner Valve
- Disconnect the Fill Hose from the Bottom Pump Cleaner Valve and place free end inside recovery container on the floor
- Slowly open the Yellow Fill Port Valve and drain the remaining Ethanol from the pump - Close the Yellow Fill Port Valve
- Reconnect the free end of the Pump Discharge Hose to the Red #1 Valve
- Reconnect the free end of the Fill Hose to the Bottle Fill Sight
- If you are ready to begin your next extraction run, slowly open the Red #4 Valve to pressurize the pump and prepare for your next extraction run
- If you are not immediately preparing for the next production run, leave the pump depressurized
- Ethanol that is in the Pump Cleaner Reservoir can be used for multiple cycles. Ethanol recovered from hoses can be added back to the Pump Cleaner Reservoir



Mounting and Installation



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Pump Cleaner Hose Connections

