

Pumping from a Draft

1. Stop the apparatus as close to the water source as possible in order to reduce the vertical lift from the source to the pump.
2. Put the apparatus in Neutral and apply the Parking Brake.
3. Gather the following items:
 - Hard Hose Sections
 - Strainer
 - Rubber Mallet or Bowling Pin
 - Spanner Wrench
 - Coupling for the main intake valve (if needed)
4. Use two people to assemble the hard hose sections . Begin with the end piece and attach the strainer. Assemble remaining pieces hand tightening the couplings and then use the rubber mallet/bowling pin to make sure the couplings are extra tight (A loose connection will let in air and keep the prime from happening).
5. Attach the other end of the assembled hard hose to the Main Inlet Valve on the apparatus (You may need to attach the coupling from step 3 before you can connect the hose).
Check to make sure the inlet valve is open.
Tighten with rubber mallet or bowling pin.
6. Place the strainer end of the hard hose into the water source. The water source should be at least 18 inches deep. A rope attached to the strainer will allow you to tie it off and keep the strainer from laying on the bottom of the water source which helps keep sand and other debris from damaging the pump.
7. Attach hose lines to the discharge gates.
8. Close all discharge gates, valves, bleeders and front suction. Do a 360 check for this step as you do not want any air getting in or escaping from these places.
9. Place the Pump Lever in the Pump position.
10. Shift the transmission into Drive.
11. Pull the Prime valve handle and look and listen for the prime to start.
12. Once the pump is primed slowly open the discharge gate and close the prime valve.
13. Run an open line into the water source to keep the pump from over heating.

Shutting Down a Draft

1. Slowly close the lines in use
2. Return pressure to Idle
3. Close discharge gates and open the Bleeder valves
4. Shift transmission to Neutral
5. Place the Pump into Road position.
6. Put all hose and tools back into the proper places on the apparatus.