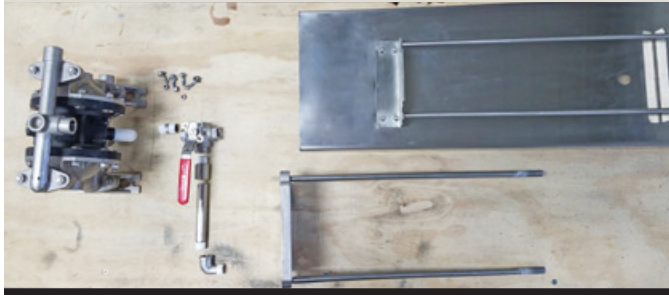


Installing an Air Diaphragm Pump

ON A SMOKY LAKE 7" STAINLESS STEEL FILTER PRESS

Here is our starting point.



You will need these tools.

- Adjustable Wrench
- Channel Locks
- 3/32" Allen Wrench
- 7/16" Socket
- Plumbers Tape



1 Wrap plumber's tape around all threaded connections to prevent binding and enhance seal.



2 With the handle facing you, attach the nipple to the right port and the slip fitting to the bottom port on the T-valve.



3 Attach the female end of the 90° elbow to the male end of the pipe.



4 Attach the male end of the 90° elbow to the port on the left side of the bookend plate.



5 Loosen the L-shaped bracket on the platform.



6 Attach the bookend plate to the L-shaped bracket on the platform. Use the three nuts and bolts that originally came with your Filter Press.

7 Connect the T-valve to the port at the top of the pump. The handle of the valve should be facing the inlet side of the pump/filter press.

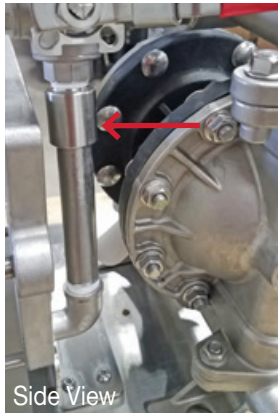


8 Set the pump on the platform. The slip fitting that you had attached to the bottom of the T-valve in step two should fit over the top of the pipe from step four. It will be very snug. If necessary, apply a food grade lubricant to assist with installation. Note that the pipe will need to be positioned at an angle in order to attach.



9 Attach the feet of the pump to the platform using the four bolts, nuts and washers provided.

10 Retighten the four bolts on the L-shaped bracket. (These are the bolts you had loosened in step five.)



Side View



Overhead View

