Fluid Distribution System

This system consists of a compact portable pump allowing the user to transfer fluid easily to pails or machines.

The package comes with an inlet tube mounted in a standard bung plug. Two outlet hose fittings are provided, one with a check valve for the system fill line. The second fitting is attached to a short length of hose to provide a convenient way to prime the pump or fill jugs, this fitting is not provided with a check valve. A male & female fitting is mounted to the pump to simplify correct hookup.

The pump should be plugged into a ground fault receptacle to enhance operator safety. The pump motor is equipped with a self-resetting thermal protecting switch. If the motor is over heated it will shut off; when sufficiently cooled it will reset.

To operate the system assemble the inlet tube ensure the fitting is tightened with a wrench to avoid vacuum leaks. With the black compression fitting loosened insert the tube into the bunghole and snug the bung plug. Lower the tube to the bottom of the tank and finger tighten the black fitting. Attach an appropriate discharge hose to the outlet port.

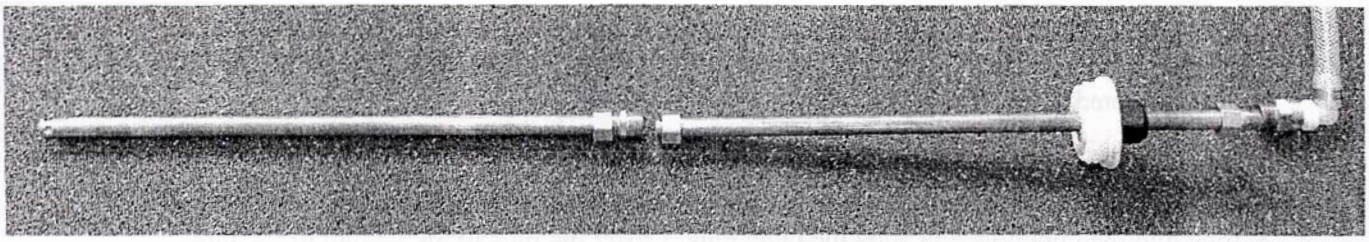
Pump controls are simple push button functions. Press the green button to start the pump, press the red button to stop. The green light should light when pumping as well as the noise of the motor. The pump is equipped with a high pressure shut off, which will stop the pump if deadheaded. The pressure switch is adjustable with a 5/64" Allen key in the end of the pump (refer to Shurflo.com S.B.# 1031).

When moving the pump or lines between use always unhook the discharge side first. Next remove the inlet side and raise hose to allow the fluid to drain back into the tank. Have a rag handy to wipe up small spills from lines and the pump.

The pump is self-priming and can be run dry. Keep the pump dry and do not operate in hazardous environments. The pump is not rated for constant operation.

FDS Pump Suction Assembly

1. Remove all 3 parts of the tube assemble from box as shown in picture below



Note: Compresssion fittings must be tight to ensure a good seal