

TRANSFER PUMP

INSTRUCTIONS FOR THE SUPER TRANSFER PUMP

1. Pump (water may be present in the pump and lines due to testing at factory)
2. Instructions.
3. Inlet thicker wall hose (1), outlet hose (1)
4. Prefilter (1).
5. Spanner Wrench to lose prefilter clear lid (for cleaning)



Important precautions

- Close supervision is necessary when using the pump.
- Do not immerse cords, pump or any electrical wire or device in water or other liquid.

- Periodically check that all hoses are properly inserted into fittings specially before starting filtering.
- Do not run liquids hotter than 110 Degrees Fahrenheit (43 Degrees Centigrade) through the pump.
- Never pull on hoses to disconnect. Damage may occur to inner hose or pump head.
- Never dismantle motor, call before touching any motor parts.

Pump Specifications

- Self Priming pump
- Automatic Shut-Off switch at 45 PSI.
- Thermally protected motor.
- Maximum liquid temperature 130 Degrees Fahrenheit (54 Degrees Centigrade).
- Can run dry for short periods of time.
- Max Flow rate: 3.0 G.P.M. free flow.
- Min Flow rate: 0.8 G.P.M. free flow.
- Pump can run without interruption for over 90 minutes.
- On/Off switch
- Adjustable flow rate
- 110 Volt, 0.5 Amps.

Prefilter

The prefilter must be connected before the wine reaches the pump (inlet).

Your pump comes with a 40 mesh strainer (prefilter), if you notice that the flow rate decreases, check that the prefilter is clean. If not, unscrew prefilter cap and clean inside prefilter.

-DO NOT OPERATE PUMP WITHOUT THE PREFILTER. Since this may clog the pump head, and costly or permanent damaged may occur.



- Small particles may clog the pump head (even when using the prefilter); however, these small particles won't stop the pump from working and won't present any problem for the pump. To clean the pump head, please read troubleshooting section # 3.

To remove the clear Lid you should first remove the Prefilter from the Pump, so you won't snap the fitting. Please check our website for further instructions on how to remove the Prefilter from the pump.

Once you remove the Prefilter from the pump, put it in hot water (not boiling) for 15 minutes, then it should be easy to remove, however when removing the lid, do not apply pressure to the hose barb fitting. Before you put it back together, apply some Vaseline, or Food grade lubricant between the clear lid and the prefilter body. Please note that we have provided a Spanner wrench that would help to remove the clear lid.

Suggestions

Before you operate your pump, familiarize yourself with the connections; test the equipment that you are going to use with water. So you can adjust all connections, and get acquainted with the pump.

Sanitizing

- Run a sulphite solution (or any sanitizing solution) through the hoses and the pump motor, for a few minutes.

Then rinse the sulphite (or any sanitizing solution) off and out of everything.

Storing your pump

1. Always clean your pump, running clear water through it once finished. Running clear water for about 3 minutes will flush your pump...

2. It is advisable to store your pump in a dry place, and make sure all hoses, prefilter and pump head are free of water (run pump dry for 5 seconds to empty pump head).

3. Disconnect the pump from power outlet.

Warning: Do not let any water to get into the motor section.

Troubleshooting

- Pump head/fittings are leaking:

- Check connections between the pump head and the fittings.

- Check connection between fittings and hoses. If fitting is leaking, use Teflon tape to adjust the fitting to pump head.

- Pump will not start:

- Check that pump is connected to a power source.

- Check if power outlet has energy, using another electric device.

- Tap softly the pump head (near the fittings), and give it a try. If does not work, give it a tap next to the rear switch (not the switch).

- Pump will not prime (suck) or sucking power is minimum:

- Check for clogged strainer (prefilter) or hoses.

- Inlet or outlet hose restricted (kinked).

- Put pump at lower level than water (clear water), and fill up inlet hoses with water.

- Run clear water through pump for 5 minutes. That way it will clean pump head, and sucking power will be restored.
- Check that prefilter cap is tightly closed. (Hand tight).
- Over time the valves that move the wine may wear a little and the pump may not start the filtering action (sucking), this is normal. Getting the pump going is simple: fill the intake hose with water (prime the pump) and the pump should pump immediately. At one point in time, pump head need to be replaced.
- Pump at low speed seems to jerk around (motor stops and starts). This is normal. The dimmer switch travels very little form full to minimum speed.