

PROBLEM	CAUSE	SOLUTION
<b>Pump</b> Locks Up – No Flow	Pump Shuttle has centered and needs to be reset	To reset the shuttle: 1) Disconnect Compressed Air 2) Turn Flow Brush Valve to “On” position 3) Reconnect Compressed Air 4) If this does not work- Replace Pump
<b>Pump</b> No fluid flow, loud air noise from Exhaust Muffler	Air is by-passing to exhaust in the pump	Replace the pump
<b>Foot Pedal</b> Air Blowing to exhaust (50 & 100 Series Units Only)	Air lines on foot pedal are reversed	Disconnect air lines from foot pedal and reverse connection
<b>Waterborne (ENVIRO) Systems Only</b> Clogged Lines, Wash Manifold or HEATER System	Not Using Water Wave, Clarifying System Weekly or doing Annual Maintenance	System requires Annual Maintenance Procedure - Flush system with Acetone solvent  - Remove flushed Fluid and allow system to continue to pump to evaporate Acetone solvent
<b>Filtration Recycling System (Optional)</b> Pump Rapid Acceleration After recent filter change	Air is getting into the fluid lines	Check the filter canisters – make sure they are screwed on snugly (hand tightened)  Check the seals in the filter canisters: Make sure they are NEW Make sure they are seated correctly
<b>Filtration Recycling System (Optional)</b> Diminished Fluid Flow	Filters are almost loaded	Change filter(s) – either the 75 micron filter or both filters, depending on the filter change schedule (see instructions with Filter Kit)
<b>Filtration Recycling System (Optional)</b> Pump Rapid Acceleration with little to no fluid flow	Filters are loaded	Make sure containers have fluid.  Make sure suction line is in the fluid  Change filter(s) – either the 75 micron filter or both filters, depending on the filter change schedule (see instructions with Filter Kit)  See Below for Troubleshooting method

### Troubleshooting method to isolate the system (Pump) from the Filtration Recycling Systems:

Remove filters from housings, re-attach empty housings and run the gun cleaner (it will take several minutes for the housings to fill up). If the system runs normally, the problem was caused by the filters. If the system does not run correctly, the problem was caused by the pump.

### Consumable Replacement Parts:

#### Solvent & Waterborne (ENVIRO) Models:

**825159** = Splash Pad for 700 & 800 Models  
**825162** = Basin Splash Pad for 50 Models  
**825163** = Back Splash Pad (50 Series Models)

**825165** = Splash Pad (100 Series Models)  
**825165B** = Splash Pad (100 Series New Models made as of 10/1/2015)

#### Solvent Models Only:

**825244K** = Filtration Recycling System Cartridge Replacement Kit (Solvent)

#### Waterborne (ENVIRO) Models Only:

**825265K** = Filtration Recycling System Cartridge Replacement Kit (Waterborne)  
**821600-5** = Clarifier System Bag Filter Replacement Kit (5-150 micron & 5-25 micron Filters)  
**825190-6** = (6) Pack Water Wave Concentrate      **825190-12** = (12) Pack Water Wave Concentrate  
**825185-25** = (25) FLOCCER Packets                      **825185-100** = (100) FLOCCER Packets  
**825189** = 84oz FLOCCER Container