



**--Why does the pump not run all the time?**

This is a demand pump and only runs with flow; spray wand, by-pass, spray tips or leak in system

**--Why does the pump surge while using the spray wand?**

Low flow may cause the pump to surge (or cycle). This could happen when the spray wand is adjusted for a small or fine spray pattern. To overcome, slightly open the by-pass valve.

**--How do I adjust the pressure?**

Pressure should be adjusted by regulating the by-pass valve (slightly opening or closing).

**--What is the optimal operating pressure?**

40 PSI - This can be accomplished by turning on the pump and adjusting the bypass valve until the gauge reads 40 PSI (or slightly higher). The pump will run continuously. Ensure that the boom and/or handgun is not spraying while you set the pressure. The pressure will drop slightly when the boom and/or handgun is operated.

**--What pressure should the pressure gauge read?**

Please refer to the operation instructions for boom operating pressures, varying boom pressures can be achieved by regulating or adjusting the by-pass valve. Typically the spray wand will be operated between 20 and 40 PSI.

**--What is the recommended PSI to inflate the tires?**

30 PSI Max

**--My pump quit and will not restart - what should I check?**

Check all electrical connections. Ensure switch is in the on position. Check in-line fuse and/or fuse in car adapter end. Ensure correct voltage +/- 10%. 12-13 volt

**--Low flow or no flow at all - what should I check?**

Check for a clogged suction hose and/or suction strainer. Often you will need to clean the suction strainer. Check for proper voltage.

**--Is there a fuse for the sprayer?**

Yes, either an in-line fuse, a fuse located in the car adapter housing or both.

**--What size fuse should I use as a replacement?**

7.5 amp

**--What is the range of the spray wand?**

35 feet max

**--How should I clean the tank after use?**

Tank should be cleaned with Nutrasol® or similar tank cleaning agent, and then rinsed with water.

**--Is there an adjustment screw on the pump to adjust pressure?**

Yes, please refer to the operation instructions, "Adjusting the Pressure Switch".

**--How do I remove / replace fuse?**

Unscrew in-line fuse connector, or unscrew the car adapter housing.

**--Can the spray tip on the wand be replaced with a different type of tip?**

Yes, however your wand comes with a #18 tip which is standard. Brass tips generally produce better spray patterns than plastic.

**--Each time I turn on the pump my fuse blows.**

1) Excessive voltage 2) Improper adjustment of the pressure switch 3) Damaged wiring harness.

**--What is the warranty (time duration) on pump, tank, trailer pieces, and accessories?**

1 year as stated in operation instructions.

**--Pressure gauge reads 85 -90 psi before shutting off - should pump shut off at 60 psi?**

Pump 7802 2.0 GPM comes preset from the factory to shut off at 60 PSI. Should this vary please see, "Adjusting the Pressure Switch" in the operation manual. Turn on pump and hold spray wand open, slowing adjust until the pump shuts off at 60 PSI.

**--Pump continues to run and surge when not spraying.**

Ensure the by-pass is completely closed and your system has no leaks. Check by-pass hose to ensure no fluid is passing through the valve while in the closed position. If so replace valve.

**WARNING - Ensure the wiring harness does not become pinched or damaged in any way. This may damage the pump or cause the wiring harness to overheat, resulting in a melt down or fire.**