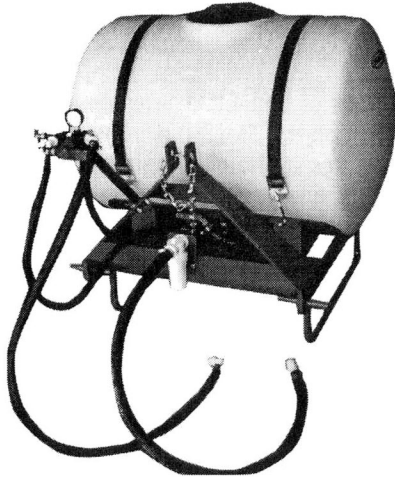


**5300584**

**MODEL 122A**

**Roller Pump Plumbing System w/BoomJet Nozzle**  
Assembly / Operation Instructions / Parts



Plumbing System Shown On A 110 Gallon 3-Point

**GENERAL INFORMATION**

The purpose of this manual is to assist you in operating your sprayer. Please read it carefully as it furnishes information which will help you operate and maintain your Sprayer.

**WARRANTY / PARTS / SERVICE**

Your authorized dealer is the best source of replacement parts and service. To obtain prompt, efficient service, always remember to give the following information.

1. Correct part description and part number.
2. Model number of your sprayer.
3. Serial number of your sprayer.

Part number and descriptions can be obtained from the illustrated parts list section of this manual. Whenever you need parts or repair service, contact your distributor / dealer first. For warranty work always take your original sales slip, or other evidence of purchase date, to your distributor / dealer.

**ASSEMBLY**

The sprayers which do not need agitation will use the 3/4" bottom tank outlet for the bypass line return. If agitators are used, then the bypass return may be plumbed to the top of the tank. The agitators may be located in the 3/4" tank outlet. Always use a good quality thread sealant when threading the fittings together to prevent leaks. Use care when starting the nylon fittings together so as not to cross thread or strip the fittings.

Assemble the pump system as per the following steps.

1. Thread the nylon fitting into the tank as shown on the exploded view drawing on page 3.
2. Mount the strainer to the trailer or carrier frame, and assemble the parts shown on the exploded view drawing on page 3.
3. Thread the nylon fittings into the ports of the pump. Be sure the 3/4 MNPT x 1" Barb (Ref. 9) fitting is threaded into the inlet port. Attach the torque chain and S-Hook to the pump.
4. Install the relief valve and parts to the directo valve as shown. The trailers and 3 point carriers provide a stand support for the valve assembly.
5. If an optional jet agitator is to be used, install the parts to the directo valve and to the tank as per the agitator kit instructions.
6. Measure the distances between the parts and cut the correct size hose to the lengths needed. Always cut the hoses an inch or so longer than necessary. The 1" hose is to be used between the tank and the pump. The 3/4" hose x 8 ft. is used between the pump and the directo valve. The 3/4" x 9 ft. hose is used between the directo valve and the boomJet nozzle. The 5/8" hose is used for the bypass line (relief valve to tank).

**REFER TO THE PARTS LIST PAGE 3 TO SEE HOW MUCH HOSE OF EACH SIZE IS SUPPLIED. BE SURE THERE IS ENOUGH HOSE TO COVER THE LENGTHS YOU HAVE MEASURED. (REF. 3, 21, 23, 24)**



BoomJet Nozzle Shown On A 110 Gallon 3-Point



by

