

**IF YOU HAVE ANY QUESTIONS OR CONCERNS, OR ARE MISSING PARTS DO NOT RETURN SPRAYER TO THE STORE!
PLEASE CALL OUR PRO HOTLINE AT 1-866-96PROSPRAY (866-967-7677)**

Year Round: Mon. – Fri., 8:00 a.m. to 7:00 p.m., ET March 1 – August 31: Sat. and Sun., 10:00 a.m. to 4:00 p.m., ET

Visit us on the internet: www.rflomaster.com

e-mail: service@rflomaster.com

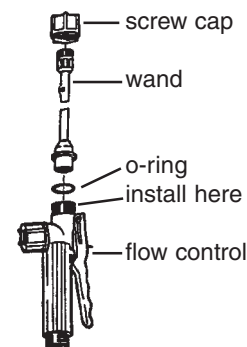
Owners' Manual PRO Sprayers 996P and 997P

WARNING!!! THIS PRODUCT IS DESIGNED TO SPRAY CHEMICALS THAT MAY BE HARMFUL AND COULD CAUSE SERIOUS PERSONAL INJURY IF INHALED OR BROUGHT INTO CONTACT WITH THE USER. FAILURE TO READ AND FOLLOW OWNERS' MANUAL INSTRUCTIONS BEFORE USE AND/OR MISUSE OF THIS PRODUCT COULD RESULT IN EXPLOSIVE FAILURE WITH MAJOR INJURIES.

- **ALWAYS** water test sprayer before each use.
- **ALWAYS** wear long sleeve shirts, long pants, goggles, gloves and durable shoes.
- **ALWAYS READ AND FOLLOW** label instructions for the chemicals to be applied.
- **AFTER USE** release pressure and clean the sprayer.
- **ALWAYS RELEASE** pressure in sprayer before servicing.
- **DO NOT** alter the sprayer or any components.
- **DO NOT** spray flammable, caustic (i.e. acids, chlorines and bleach), corrosive, heated or self-heating solutions with this sprayer.
- **DO NOT** store liquids in the sprayer.
- **NEVER** fill tank above the "2G" or "3G" line on the tank.

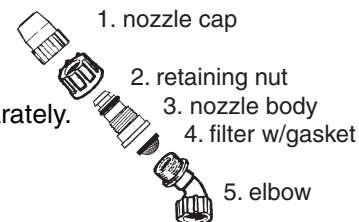
Assembly for Wand

1. Ensure that the o-ring is on the non-threaded end of the wand.
2. Insert the non-threaded end of the wand with o-ring into the open end of the flow control.
3. Tighten the screw cap.
4. Pump handle is fitted with a wand retainer for easy storage.



Using the Adjustable Nozzle

To change the spraying pattern, first make sure the retaining nut (2) is screwed tightly to the elbow (5). If it is not tight, the nozzle cap (1) and nozzle body (3) will rotate inside the retaining nut and the nozzle will not adjust. For a straight stream pattern, rotate the nozzle cap outward. For a hollow cone pattern, rotate the nozzle cap inward towards the retaining nut. If it becomes difficult to rotate the nozzle cap, remove the nozzle cap from the nozzle body and lubricate the o-ring with petroleum jelly or similar lubricant.



Operation:

1. Turn pump handle counterclockwise to remove pump. Pump and red cap can be removed separately. Turn red cap counterclockwise to remove for cleaning inside of tank.
2. Fill tank with desired chemical solution, careful to follow chemical manufacturers' guidelines.
3. Tighten red cap and pump assembly for a good seal.
4. Pump to pressurize; squeeze flow control lever to spray.
5. Prior to every removal of the pump release pressure by pulling out on the pressure relief valve stem until all pressure is gone.

Servicing the Pump:

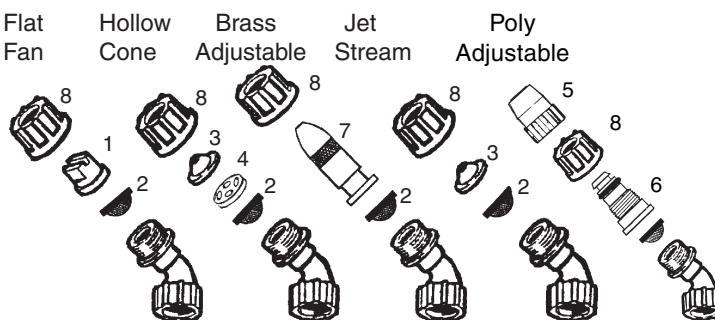
Remove pump from tank. Unlock pump handle from pump cylinder and pull all the way out. Turn pump handle counterclockwise and pull to remove pump handle from cylinder. Reverse to reassemble the pump.

Cleaning and Storing

1. Do not store chemicals in the tank. If the chemical is stored in the tank, it can clog the system as it dries and destroy the seals and other components.
2. To prolong its life, clean the sprayer after each use. After using water-based products, rinse thoroughly with soapy water then clean water, being sure to flush out the hose and flow control. After spraying solvent or oil-based products, follow the chemical manufacturers' recommended cleaning procedure, following up with a thorough rinsing and flushing of the sprayer, hose and flow control with soapy water then clean water.
3. To store the sprayer, remove the complete hose assembly (hose w/siphon tube, wand, flow control) from the tank.
4. For proper drainage and drying, lock flow control lever on.
5. Loosen pump assembly, but leave in the tank.
6. Store all components in a clean, dry area.

Spray Tip Assembly:

- | | |
|---|-------------------------|
| 1. Flat fan | 2. Filter |
| 3. Jet cap | 4. Swirl plate |
| 5. Nozzle Cap | 6. Nozzle body |
| 7. Adjustable brass (on select models only) | 8. Nozzle retaining nut |



TROUBLESHOOTING

Always depressurize the sprayer, remove all chemical solution and clean the sprayer before making repairs. Replacement parts may be purchased at the store where the sprayer was purchased or they can be ordered from our **PRO Hotline** at **1-866-967-7677**.

PROBLEM: Pump works hard or does not pressurize the tank.

CAUSE: Plunger o-ring either not lubricated or damaged.

SOLUTION: Apply petroleum jelly or similar lubricant around outside of plunger o-ring. Check for cracks or other damage and replace if necessary.

PROBLEM: Spray solution or air leaks into pump cylinder.

CAUSE: Check valve on bottom of cylinder is prevented from sealing by dirt, residue or damage.

SOLUTION: Remove the pump assembly and examine the check valve. Clean if dirty; replace if necessary.

PROBLEM: Hose leaks air at tank connection.

CAUSE: (1) Tank nut is loose or (2) hose insert o-ring is damaged.

SOLUTION: (1) Tighten hose tank nut or (2) replace hose insert o-ring.

PROBLEM: Flow control leaks.

CAUSE: Improper assembly.

SOLUTION: Refer to "Assembly for Wand" instructions.

PROBLEM: Bad spray pattern or low spray volume.

CAUSE: (1) Nozzle is clogged or (2) low pressure in sprayer.

SOLUTION: (1) Remove nozzle and clean; remove wand and clean. If wand cannot be unclogged, replace it or (2) repressurize the tank.

PROBLEM: Nozzle leaks when flow control is closed.

CAUSE: Flow control remaining open (lever is locked on).

SOLUTION: Completely disassemble flow control. Inspect all components, clean and lubricate all seals or replace flow control.

PROBLEM: Leak at tank opening.

CAUSE: (1) Pump assembly not sealed tightly into tank or (2) damaged pump cylinder gasket or o-ring.

SOLUTION: (1) Thoroughly clean pump cylinder gasket or o-ring and surrounding area and apply grease or petroleum jelly to pump gasket or o-ring or (2) Replace gasket or o-ring.

LIMITED WARRANTY

Root-Lowell Manufacturing Co. warrants to the original purchaser only that this product will continue to function as intended if used in accordance with operating instructions (under NORMAL CONSUMER USE) for as long as the original purchaser owns the product. If the product fails to function as intended—DO NOT RETURN IT TO THE STORE—call **our PRO HOTLINE AT 1-866-967-7677 (toll free) for fast service**. We will, at our option, repair or replace any non-functioning parts without charge (shipping and handling charges will apply.) Root-Lowell Manufacturing Co. shall have the option of requiring the return of the non-functioning product to the address listed below together with the proof of purchase to establish a claim under this warranty. This warranty does not apply to damage resulting from accident, misuse, neglect, alterations, operation not in accordance with instructions, commercial use, or normal wear of o-rings or seals.

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR CONSUMER USE, ARE LIMITED TO THE DURATION SPECIFIED ABOVE. ROOT-LOWELL MANUFACTURING CO.'S LIABILITY IS LIMITED SOLELY TO THE REPAIR OR REPLACEMENT OF THE NON-FUNCTIONING PRODUCT OR PART. ROOT-LOWELL MANUFACTURING CO. EXCLUDES LIABILITY UNDER THIS WARRANTY FOR ANY AND ALL INCIDENTAL AND CONSEQUENTIAL LOSS OR DAMAGE.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.