

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 OPERATOR'S MANUAL INSTRUCTIONS BEFORE USE AND/OR MISUSE OF THIS PRODUCT COULD RESULT IN EXPLOSIVE FAILURE WITH MAJOR INJURIES. Viton[®] is a registered trademark of DuPont Dow Elastomers

- ‡ 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 after each use.
- ‡ ALWAYS release pressure in sprayer before servicing.

- ‡ DO NOT alter any components on the sprayer.
- ‡ DO NOT spray flammable, caustic (i.e. acids, chlorines), corrosive or self-heating solutions with the sprayers.
- ‡ DO NOT fill sprayer with hot liquids-- 30°C/85°F MAX.
- ‡ DO NOT store liquids in the sprayer.
- ‡ See CDC.gov for dilution guidelines.

PRODUCT SPECIFICATIONS



Tank capacity	4 Gallons
Pumping system	Internal Piston Pump
Hose	Reinforced vinyl hose
Working pressure	(4-6) bar- (58-87) psi
Nozzle	Adjustable poly nozzle
Net Weight	11.8 lbs
Seal Type	Viton
Dimensions (inches)	14.57 x 8.66 x 22.44
Lifetime Consumer Warranty	

HOW TO ASSEMBLE

1. Remove the loose parts from inside the tank.

2. To properly attach the agitator to the pump, slide it on the hex shaped area and rotate it to lock in place.

3. When installed, it should be perpendicular to the hose outlet.

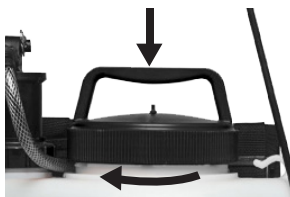


4. Place the strainer into the tank opening and screw the lid on.

To ensure a good seal, turn lid counterclockwise until it lines up with the threads. Then turn clockwise to tighten down.

5. Place the pumping lever on the lever shaft, securing it with the pin.

6. Assemble the spray wand into the shut-off and tighten manually.



7. Assemble the nozzle onto the spray wand.



MAINTENANCE AND STORAGE

- ‡ After use, the sprayer should be properly cleaned and stored away from direct sunlight to prevent UV damage.
- ‡ After removing the piston or mounting a new collar, treat both the collar and the piston with a petroleum jelly.
- ‡ Before storing for the winter, be sure that all liquid is completely drained from the tank, lines and air chamber.
- ‡ Leave flow control locked on when storing.
- ‡ Regularly inspect hose, wand, pump, tank and flow control for wear, damage or leaks.
- ‡ Avoid excessive wear by regular lubrication and a prompt and thorough cleaning after each use.

DISASSEMBLY AND CLEANING

1. Place the sprayer upright on a flat surface.
2. Remove rod connected to the pump.
3. Loosen the guide nut of the tank. Pull the pump tube out. To inspect the seal at the bottom of the pump, remove the piston holder and make sure the seal is clean and in good condition.
4. To remove the piston ring, unscrew the guide, nut, change the ring, and tighten again.



- ! After each use, clean the tank thoroughly. If some solution remains, dispose of properly and drain tank completely.
- ! Follow recommendations of chemical manufacturer for proper disposal of any remaining spray solution.
- ! Pumping causes air to be taken in and the remaining liquid to be discharged. Pump until most of the liquid and air are completely discharged through the nozzle.
- ! Refill the tank with a few quarts of soap water (a mild dish detergent is recommended) and discharge through the nozzle. If necessary, repeat this procedure several times to ensure that the sprayer is clean.
- ! If the flow control is removed, the pump can quickly be flushed.
- ! Sporadic spray distribution is caused by a clogged nozzle. If necessary, remove and clean nozzle.

TROUBLESHOOTING

Always depressurize the sprayer, remove all chemical solution and clean the sprayer before making repairs. Replacement parts can be ordered by calling our Customer Service Hotline at 1-800-9-SPRAYER.

Problem	Solution	
1. The piston does not slide smoothly and requires more effort.	Lubricate the piston and the seal with petroleum jelly.	
2. When pumping the sprayer, no pressure is building up.	Check the piston seal and make sure it's generously lubricated. If it's damaged, a new one must be purchased. (Recommended lubrication is petroleum jelly)	
3. Shut-off sticks or is hard to use.	Lubricate all seals, replace if necessary. (Recommended lubrication is petroleum jelly)	
4. Liquid leaks between the flow control and the wand.	Make sure the nut is tightened down, replace seals if necessary.	

LIMITED WARRANTY Root-Lowell Manufacturing Co. warrant the original purchaser only that this product will continue to function as intended if used in accordance with the operating instructions for as long as the original purchaser owns the product. If the product fails to function as intended- DO NOT RETURN TO THE STORE-call our Consumer Hotline at 1-800-253-4642 (toll free) for fast service. We will, at our option, repair or replace any non-functioning parts without charge- shipping 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, or normal wear or o-rings or seals. NOTE: Rubber seals and gaskets require periodic maintenance, and are not warrantable once they come in contact with chemicals. ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR CONSUMER USE, ARE SOLELY LIMITED TO THE DURATION SPECIFIED ABOVE. ROOT-LOWELL MANUFACTURING CO.'S LIABILITY IS LIMITED SOLELY TO THE REPAIRS OR REPLACEMENT OF THE NON-FUNCTIONING PRODUCT OR PART. ROOT-LOWELL MANUFACTURING CO. EXCLUDES LIABILITY UNDER THIS WARRANT 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.

Root-Lowell Manufacturing Co.
1000 Foreman Rd.
Lowell, MI 493312 USA