



TROJAN SPECIALTY PRODUCTS

INSTALLATION

&

MAINTENANCE

INSTRUCTIONS

TROJAN HOG WATERERS

INSTALLATION OF MODEL'S 93 AND 33 WATERERS

1. Flush water line thoroughly,
2. Connect water line to adapter on back side of bowl and fasten bowl and/or base solidly. Do not use the water supply to support the cup.
3. Turn on water and test valve by pushing trip plate by hand.

MAINTENANCE OF MODELS 93 AND 33

In the event your Trojan waterer needs service, you will appreciate the "Up-Front Valve".

1. Examine trip plate to make sure it operates freely in all positions. It may need cleaning or a new hinge pin.
2. Shut off water and remove trip plate. Remove valve for repair or replacement (To continue water service while repairing this valve, install another valve following steps D, E, and G below).

VALVE REPAIR

Unscrew strainer to expose the orifice and valve rubber. Inspect the rubber closely to be sure it is clean and is not cracked.

2. Be sure there is no sediment or other material in any of the valve parts that would interfere with the free movement of the valve stem, or the seating of the valve rubber, It may be necessary to replay the valve rubber and/or the spring.
3. Check to see if the hole in the side of the orifice sleeve is open. (With low pressure systems of 10 PSI or less, the water flow rate can be increased by removing the orifice sleeve).
4. Before reinstalling valve, flush water line to remove any scale or sediment that may have accumulated. Sand in the pipe could indicate the need of a filter in the line.
5. Screw valve into adapter with LIGHT pressure only; just more than finger tight is usually enough. Too much tightening will not hurt the valve, but may deform the 0-ring to the point that it may leak.
6. Replace trip plate and tighten. Make sure the trip plate is hanging straight down.

INSTALLATION OF MODEL'S 63 AND 13 GRAVITY WATERERS

1. Cut two holes in barrel or tank to match large hole (1") in bowl and trip plate bolt (3/8").
2. Remove nut and packing washer from the trip plate.
3. Insert valve pipe through barrel or tank from inside and screw into bowl making sure that the trip plate bolt lines up with the small hole in the barrel or tank.
4. Adjust valve pipe for proper operation by screwing into bowl until trip plate operates valve rod but does not hold the valve open when released.
5. Tighten nut on valve pipe against packing washer on the inside of barrel or tank.

WARRANTY FOR TROJAN SPECIALTY PRODUCTS

TROJAN SPECIALTY PRODUCTS, warrants product to be free of defective materials and workmanship. Defective part(s) will be repaired or replaced, at the option of TROJAN SPECIALTY PRODUCTS. This warranty specifically excludes all labor and shipping charges.

This warranty does not apply to any appearance items, to any product whose exterior has been damaged or defaced, to any product subjected to misuse, abnormal service or handling, and to any products altered or repaired with other than original equipment manufacturers parts. The period of warranty begins at original date of purchase and extends for one year.

All warranty claims must be processed thru TROJAN SPECIALTY PRODUCTS.

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