



Watering Regulator Operator's Guide

Part Number Series 52410-0

Guidelines

- Recommended incoming water pressure: 30 to 35 psi [207 to 241 kPa].
- See watering system manual for installation information.

Operation

Adjust water column by turning the knob on the bottom of the regulator, see **Figure 1**.

Functional Modes:

There are three (3) selectable modes for operating the watering regulator (OFF, REGULATE, and FLUSH). These modes are selected by using the individual regulate and flush control knobs.

Setting Functional Modes:

1. Rotate the control knob to free the latch.
2. Pull up on the control knob. Control knobs: UP position is ON and DOWN position is OFF.

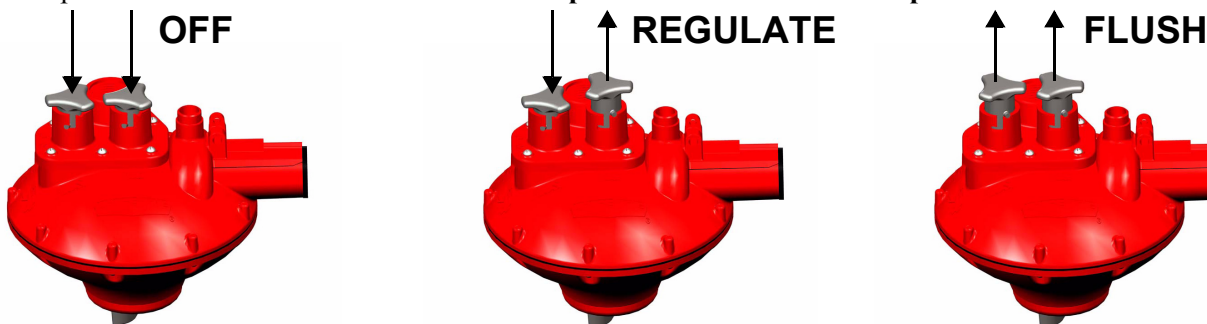


Figure 2. Functional Mode Settings

3. Always lock the control knob into position by rotating knob into the shown positions, see **Figure 3**.

PDS™ Regulators:

PDS™ regulators are to operate in the REGULATE mode, see **Figure 2**. Flushing does not require turning off the regulate control knob.

CAUTION DO NOT FLUSH DRINKER LINES WITH PDS™ CONTROL unless drinker lines are pressurized with water! Product damage may occur if this caution is not followed.

Regulators **MUST HAVE** minimum water column height set above the stand tube outlet **PRIOR** to pressurizing the PDS system with air, see **Figure 4**.

CAUTION DO NOT PRESSURIZE PDS™ SYSTEM WITH AIR BEFORE SETTING THE MINIMUM WATER COLUMN HEIGHT! Product damage will occur from water hammer if this caution is not followed.

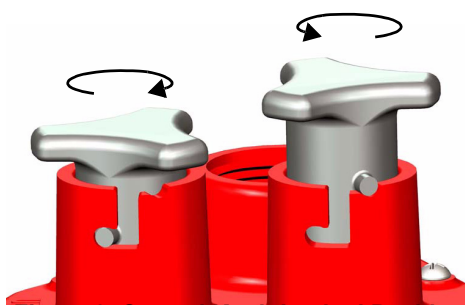


Figure 3. Control Knob Locked Position

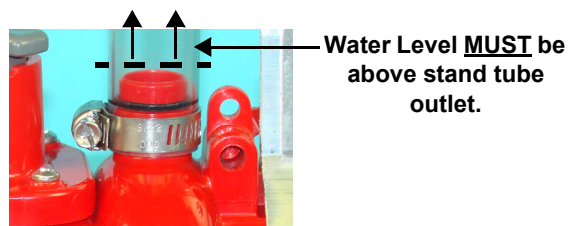


Figure 4. Minimum Water Column Height

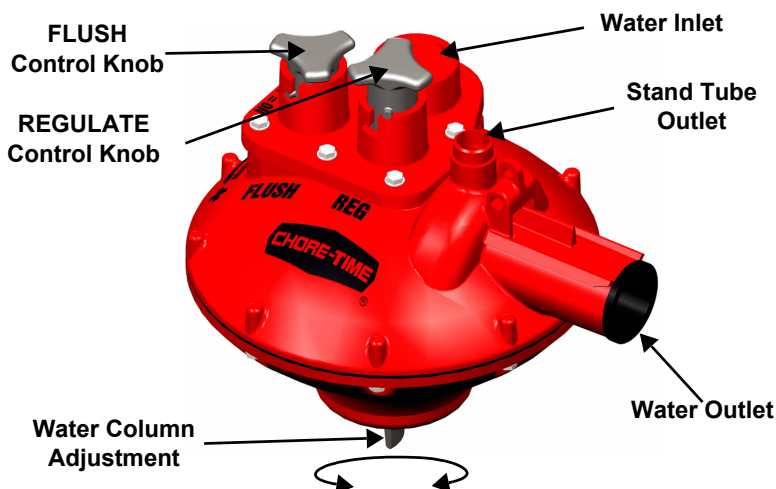


Figure 1. Watering Regulator

Stand Tube Installation



1. Place one (1) o-ring against the shoulder of the stand tube outlet. Lubricate the o-ring with water or soapy water. **DO NOT USE PETROLEUM BASED LUBRICANTS!**
2. Push the stand tube assembly over the lubricated o-ring until it hits the top of the regulator. Make sure the o-ring is properly positioned.
3. Locate the clamp below the o-ring and tighten. Make sure the stand tube is secure but do not overtighten the clamp.

Folding Stand Tube Operation

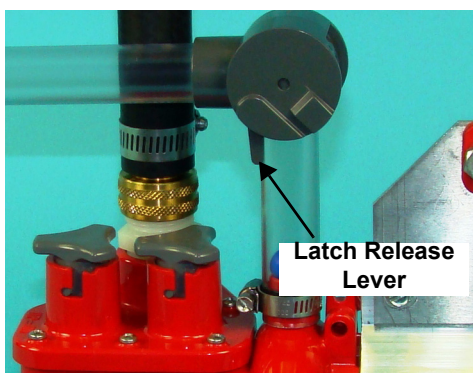
- Clean the inside and outside of the stand tube at least once a week.
- Failure to use the latch release lever could result in damage to the mechanism, voiding the warranty!



Normal operation position.

Clean the inside and outside of the stand tube at least once a week.

When in the normal operating position use a pipe brush to clean. Chore-Time part number 29465 pipe brush will pass thru the folding mechanism in the normal operation position.



Folding the stand tube

To fold down the stand tube, push the latch release lever in and fold the top section over until it stops. A click or slight catch when folding the stand tube is considered normal.

CAUTION Failure to use the latch release lever could result in damage to the mechanism, voiding the warranty.

To raise the stand tube to the normal operating position rotate the stand tube up until the latch engages. It is not necessary to use the latch release lever when raising the stand tube.



Winching preparation position

It is normal for the water in the stand tube to drain out of the folding mechanism when the stand tube is folded. This prevents potential damage from freezing.

When in the folded position the seal in the mechanism prevents water from leaking out of the water line.