



Installation Guidelines

Slope Neutralizer – Floor Applications

Follow these simple guidelines for proper installation of Ziggity Slope Neutralizers in floor applications. Do the following for each watering line.

1. Install the Ziggity watering system with the winch function in place.
2. Make certain that the Ziggity regulators are installed at the high end of the watering line and the end assemblies at the low end.
3. Winch the system to waist height. At each winch drop throughout that entire line fine tune the line height to exactly the same distance from the floor. Using a yard or meter stick makes this task much easier.
4. Remove the spring and plunger/ball from the end assembly so that the shut off function is removed.
5. Attach a discharge hose to the end assembly, install a valve at the other end, and place outside the building.
6. Turn on the water to the regulator, charge the lines with water and adjust the valve on the end hose to allow approximately 0.5 gallons or 2 liters of water to discharge per minute. Maintain this flow throughout the remaining steps.
7. At the regulator end of the line (high end) remove the first drinker in the line and install the Floor Pressure Indicator (depending on your drinker type part nr. 2407, 2408 or 2409). Adjust the regulator so that the water level touches the starting pressure mark. (lower of the two marks) You may wish to use a bucket to catch the water when doing this.
8. Move down the watering line where you estimate the fall to be approximately 4"/10 cm. Install the pressure indicator and note where the water level is. If it is below the upper pressure mark move farther down the line and try again. If the water level is above the line move back up towards the end regulator.
9. When you find the location where the water level is exactly at the 4"/10 cm (the higher of the two marks), create a 4 3/8" or 11 centimeter gap in the water-bearing pipe in order to install the Slope Neutralizer. Hint: You can avoid spilling water by raising the line above the water pressure level while cutting into the line and installing the slope neutralizer. Make certain that you lower the line back to exactly to where it was before raising it. Note (3) above.
10. Repeat steps 8 & 9 until you reach the end of the line.