

1/2" and 3/4" Hunter Check Valve Product Installation and Adjustment

Installation

1. Flush the system until water from the lateral line runs clean.
2. Use only Teflon paste or tape on all threaded connections. Note: Do not use Pipe Dope or solvent cement on threaded connections. Apply the Teflon around the male adapter or nipple threads, then insert it into the HCV. Tighten by hand and then, using a wrench, turn the adapter/nipple ½ turn to ensure a good seal. Overtightening of fittings may break the valve.
3. Glue the male adapters to the pipe, or thread the nipple into the PVC fitting.
4. Connect either the spray head or rotor to the HCV also using Teflon paste or tape.



Adjustment of Check Height

Hunter manufactures the HCV with the check valve set to compensate for 12 feet of elevation change. However, the valve is designed to hold back varying amounts of water to accommodate changes of anywhere between 5 and 32 feet. Adjustments for different check heights can easily be made either with the sprinkler in place* or before the sprinkler is installed. Simply insert a large flat-blade screwdriver in the outlet side of the check valve and turn the plastic screw. Clockwise turns will increase the check height, counter-clockwise will reduce it. The photo shows the adjustment method without the sprinkler installed.



** To adjust the check valve when the sprinkler is already in place: unthread the body cap, pull out the sprinkler's internal parts, stick the screwdriver straight through body and the inlet, and you will get right to the adjustment on the check valve. If you have a check valve installed below ground, this eliminates the need to unthread the sprinkler should you want to adjust the check height at a later time.*