

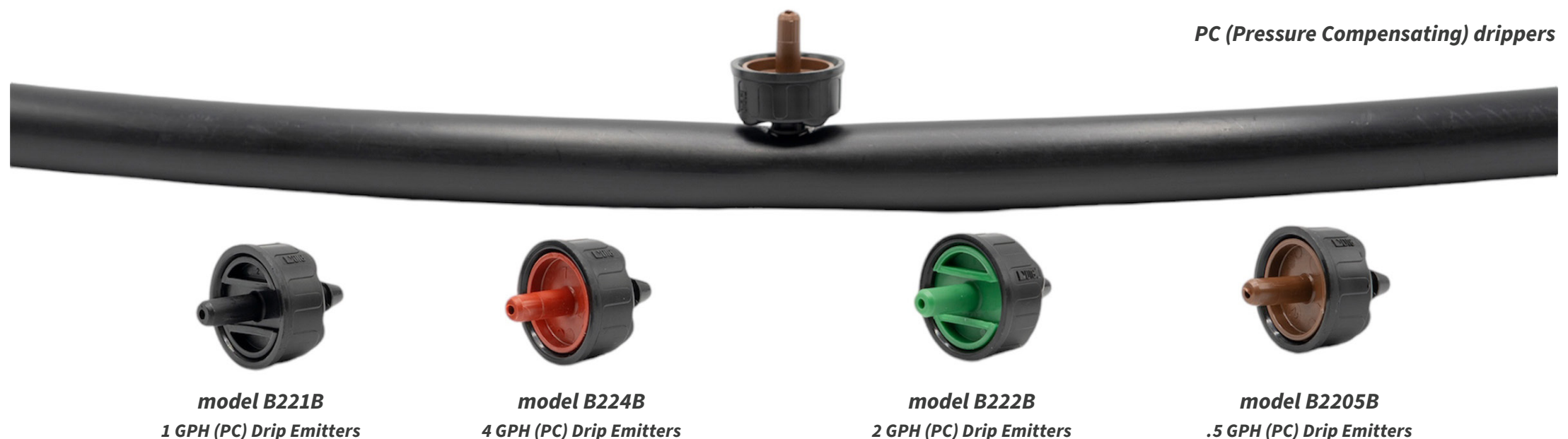
Troubleshooting **FAQ**

This troubleshooting guide addresses common issues with drip systems, such as uneven flow, leaks, and clogged drippers, and provides solutions and tips to maintain your drip irrigation system.



Why do my *drippers* or *micro sprayers* have uneven or no flow at the end of the dripline?

- **Check for blockages:** Inspect for clogged drippers or a faulty pressure regulator.
- **Flow capacity:** Ensure you haven't exceeded the maximum flow rate of 220 GPH for the dripline. Too many drippers or micro sprayers can reduce system efficiency.



Why is water leaking between *threaded fittings* in my drip system?

- **Thread compatibility:** Confirm that you're using compatible thread types. Don't mix hose threads (MHT or FHT) with pipe threads (FPT or MPT). For example, connecting a hose thread adapter to a pipe thread pressure regulator will cause leaks, and Teflon tape won't fix it. Ensure all connected components have the same thread type.

*3/4 in. Thread x Hose Nipple
Connects female pipe thread to female hose thread
model D49*



Why is water leaking from the hole in the pressure regulator?

- **Potential causes:**

1. The pressure regulator is installed before (upstream) the timer or valve.
2. There are too few drippers on the zone.
3. Debris is stuck beneath the pressure regulator's internal O-ring.
4. Static water pressure exceeds 100 psi.
5. Prolonged usage has caused internal seal to fail.

- **Solution:** Remove and clean the washer, rinse the regulator, and/or replace the regulator if necessary.

*Pressure Regulator
model D46*



*Pressure Regulator
model D46P*



Why are my drippers or micro sprayers popping out of the *drip tubing*?

- **Check the pressure:**
Attach a pressure gauge at the end of the line. If the pressure exceeds 25 PSI, the regulator may be faulty.
- **Installation tool:** Using an incorrect or worn-out punch tool could have caused improper installation of the drippers or micro sprayers

*Deluxe Hole Punch
model 16-035R*

*Drip Punch Tool
model DPT*



What causes clogged *drippers*, and how can I clear them?

- **Preventive steps:** Install a screen filter with a min. of 150 mesh to prevent clogging.

- **Clearing clogs:** Open the line and flush it with water after installing the filter. Pressurize the system, and while water is flowing, cover the dripper outlet for a few seconds to backflush it.



*Pipe Thread Filter
model D55*



*Hose Thread Filter
model D57A*



*Screen Filter
model 17-404*



How do I handle calcium deposits (white buildup) on my *drippers* and *micro sprayers*?

- **Solution:** Hard water is likely causing the buildup. One option is to install a fertilizer injector and add a cleaning solution to flush the system. Alternatively, you can remove the affected drippers or sprayers and soak them in a chlorine solution for 24 hours to dissolve the deposits.



Fertilizer Injector
model AFI-5016-HV

