

Volume 2



# Tips on Drip

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## **"Use a Pressure Gauge to help troubleshoot dripline issues."**

Ever had this question - "I installed dripline with check valve emitters and it doesn't work!?" Answer with, "start the troubleshooting process by checking the pressure within the dripline zone."

Have the contractor install a pressure gauge to determine that the minimum required dynamic pressure is available at the nonworking emitters. *Note: the pressure gauge photo only indicates 5 psi which is not enough pressure to open the Landscape Products EZID CV dripline as the required emitter opening pressure is 12 psi.*

If the pressure indication is low the contractor will need to identify and solve the pressure challenges. It may be necessary to increase the pressure regulator rating or center feed the drip zone to regain flow and pressure. If the available flow has been exceeded it may be necessary to remove dripline or replace with lower gallonage emitters on wider spacing.

Installing an operation indicator is an effective way to monitor and verify that a zone of drip irrigation is working. When the indicator is installed at the end of the zone it provides visual confirmation that the zone is operating properly. There are two different units available - Rain Bird's Operation Indicator (12005300) and the Pressure Indicator Stake (12051250) seen in the picture.

When faced with check valve dripline challenges always begin with an evaluation of the pressure and hydraulic details of the installation.



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**For more information or to find a distributor contact:**

Landscape Products Inc., Tolleson  
610 S. 80th Ave., Tolleson, AZ 85353

Office: 623.643.9704  
Fax: 623.643.9734