

Backflow Authority Review

RE: R.I.D. System Backflow Requirement

Date: 03/01/2008

To whom it may concern;

Aspiration devices such as the R.I.D. System have been previously submitted to the University of Southern California's Foundation for Cross Connection Control and Hydraulic Research in an attempt to determine the minimum recommended backflow protection required for such devices. This Foundation is considered one of the leading authorities on the subject of backflow and is responsible for analyzing and endorsing backflow prevention devices as well as approval and certification for most major backflow prevention device manufacturers.

Although the R.I.D. System is sometimes referred to as an "injection" device, it is not an "injector" in the mechanical sense of the word as it runs under water pressure already present in the irrigation lines and cannot create additional backpressure within the system as other "injectors" can. In previous testing, the Foundation has determined that the minimum backflow prevention required for aspiration type devices is a Pressure Vacuum Breaker (PVB). Therefore, it is our contention that the R.I.D. System can be used with either PVB or RPZ type backflow prevention. It is recommended that local codes be verified prior to installation.

For more information please contact:

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