

DRIPLINE COMPONENTS

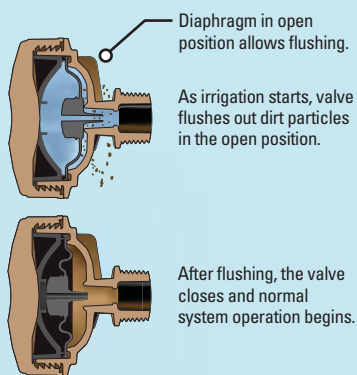
AUTOMATIC FLUSH VALVES

APPLICATIONS

- Drip irrigation systems
- Clean or dirty water

SPECIFICATIONS

- Not required with Techline® HCVXR and CV
- Flushing water volume: approximately 1 gallon per cycle
- Maximum zone flow rate per valve flush: 15 GPM
- Minimum pressure required: 1.5 psi
- Maximum operating pressure: 57 psi



FEATURES & BENEFITS

FLUSHING REDUCES SEDIMENT BUILD-UP

Eliminates clogging. Promotes long-term performance of the drip irrigation system.

AUTOMATIC CLEANING OPERATION

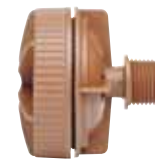
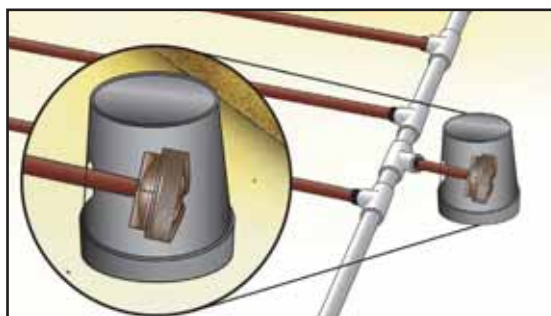
Eliminates periodic manual flushing.

UNIQUE DESIGN REACTS TO FLOW, NOT PRESSURE

Allows operation even at full line pressure.

DISASSEMBLES FOR WINTERIZATION 'BLOWOUT'

Protects your drip system.



AUTOMATIC FLUSH VALVE 1/2" MPT INLET
Model TL050MFV-1



AUTOMATIC FLUSH VALVE INSERT INLET
Model TLFV-1

MPT = Male Pipe Thread

IN-LINE CHECK VALVE

APPLICATIONS

- Prevents backflow of water and drainage of the system into low areas
- Eliminates the need for system water refill at the beginning of the next irrigation cycle
- For irrigating slopes where draining of the headers and laterals is common
- Designed to hold back up to a 13.4' column of water
- Rule of thumb: Every 1' of water exerts 0.433 psi of pressure at the base of the column. As such, a 100' column of water exerts 43.3 psi at the base.

SPECIFICATIONS

- Flow rate: 0.9 - 4.4 GPM
- Closing pressure: 5.8 psi (13.4 feet column of water)
- Opening pressure: 10.2 psi

FEATURES & BENEFITS

MANUFACTURED FROM DURABLE MATERIALS

For reliable operation.

LARGE INLET OPENING

Reduces headloss.

WIDE FLOW RANGE

For use in a number of applications.



IN-LINE CHECK VALVE 1/2" MPT
Model TLCV050M1-B

FLOW RATE VS. PRESSURE LOSS

FLOW RATE (GPM) VS. PRESSURE LOSS (psi)									
0.5	1	1.5	2	2.5	3	3.5	4	4.5	
-	0.22	0.54	0.96	1.55	2.25	2.99	4.04	-	

MPT = Male Pipe Thread