

# Pressure Regulator Valves

*Provides Constant Outlet Pressure*

## APPLICATIONS

- All irrigation systems

## SPECIFICATIONS

- 3/4" low flow model: 0.25 to 4.4 GPM
- 3/4" high flow model: 4.5 to 17.6 GPM
- 1 1/2" model: 11 to 35 GPM
- Other models available up to 500 GPM
- Maximum operating pressure: 145 psi

## FEATURES & BENEFITS

### Easy inline assembly

Low flow model - female inlet/outlet. 3/4" high flow model - female inlet and male outlet.

### Sealed regulating module

Available on 3/4" high flow and 1 1/2" pressure regulator.

### Built-in indicator on 3/4" high flow and larger models

Indicates when proper outlet pressure is achieved.

### Pressure Regulator Ordering Information

Description	psi	GPM	Model Number	Item Number
Low Flow Inline 3/4" FPT Inlet x FPT Outlet	15	0.25 to 4.4	PRV075LF15V2K	00135-000480
	20		PRV075LF20V2K	00135-000490
	25		PRV075LF25V2K	00135-000500
	35		PRV075LF35V2K	00135-000510
	42		PRV075LF42V2K	00135-000520
High Flow 3/4" FPT Inlet x MPT Outlet	15	4.5 to 17.6	PRV075HF15V2K	00135-000430
	20		PRV075HF20V2K	00135-000440
	25		PRV075HF25V2K	00135-000450
	35		PRV075HF35V2K	00135-000460
	45		PRV075HF45V2K	00135-000470
1 1/2" MPT x MPT	15	11 to 35	PRV15015V2K	00135-000530
	20		PRV15020V2K	00135-000540
	25		PRV15025V2K	00135-000550
	35		PRV15035V2K	00135-000560
	45		PRV15045V2K	00135-000570
Replacement Pressure Regulating Module	15		PRVU15V2K	00135-000595
	20		PRVU20V2K	00135-000600
	25		PRVU25V2K	00135-000610
	35		PRVU35V2K	00135-000620
	45		PRVU45V2K	00135-000630



**3/4" Low Flow**



**3/4" High Flow**

*Exploded view of 3/4" High Flow Valve with replaceable Pressure Regulating module.*



**1 1/2"**

# In-Line Check Valve

## APPLICATIONS

- Prevents back flow 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

## SPECIFICATIONS

- Flow rate: 50 - 370 GPH (0.8 - 6.2 GPM)
- Closing pressure: 5.8 psi (13.4 feet column of water)
- Opening pressure: 10.2 psi

*Prevents Water Backflow or Drainage*



## FEATURES & BENEFITS

**Manufactured from durable materials**

For reliable operation.

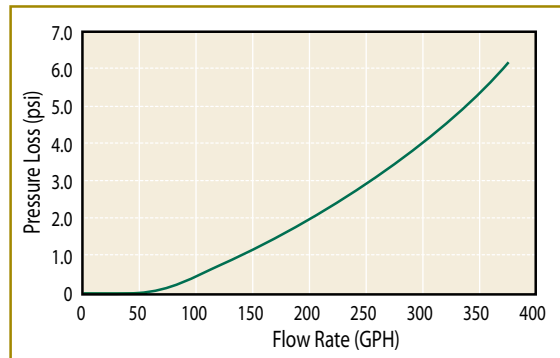
**Large inlet opening**

Reduces headloss.

**Wide flow range**

For use in a number of applications.

**In-Line Check Valve Flow Rate vs. Pressure Loss (psi)**



**In-Line Check Valve Ordering Information**

Description	Model Number	Item Number
In-Line Check Valve with 1/2" MPT	TLCV050M1-B	32000-003536

**In-Line Check Valve - Pressure Loss (psi)**

Model	Connection	Flow Rate vs. Pressure Loss (psi)								
		GPM	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.7
		GPH	50	100	150	200	250	300	350	400
TLCV050M1-B	1/2" MPT	psi	0.12	0.46	1.03	1.83	2.85	4.09	5.56	-