

## Inline Sprinkler Control Valve

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Heavy-Duty Self Cleaning Design—For years of reliable service

Fail-Safe Reverse-Flow Design—Prohibits the free flow of water (due to a ruptured diaphragm) reducing potential water waste and flood damage

Manual On/Off Bypass Lever—Ideal for testing and flushing sprinkler lines

Universal—Works with residential standard 24-volt sprinkler systems

**57100 3/4" FNPT without Flow Control**

**57101 1" FNPT without Flow Control**

**57105 1" Slip without Flow Control**

## Inline Sprinkler Control Valve— With Flow Control Additional Features

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Flow Control Adjustment—Reduces sprinkler fogging and over-spray

**57102 3/4" FNPT with Flow Control**

**57103 1" FNPT with Flow Control**

## Operation Range:

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### Pressure:

3/4" & 1" 15-150 psi

**Flow Rate:** 3/4" 5 to 35 gpm

1" 5 to 40 gpm

## Electrical Specifications:

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24 VAC 50/60 cycle solenoid power requirement: 0.30 A (7.2 VA) inrush current; 0.19 A (4.6 VA) holding current

## Mechanical Specifications:

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### Dimensions:

Height: 5-1/2"

Width: 4"

Length: 4-1/2"

## Environmental Specification:

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### Temperature:

Up to 158° F (70° C)

\* Orbit recommends flow rates at or below 5 feet per second on all valve models.

Standard		
Valve Pressure Loss (psi)		
Flow gpm	3/4" psi	1" psi
5	2.5	3
10	3	3.5
15	4	4.5
20	5.5	5.5
25	9.5	7
30	13	10
35	16.5	12.5
40	-	15