

# Drip Zone Valve Kit Model 53749 Installation Instructions

## Kit Components

- 3/4" (FPT X FPT) Ball Valve
- 3/4" (MPT X MPT) F Series Y-Filter, 150 Mesh
- 3/4" (FPT X FPT) Toro Jar Top Valve, Anti-Siphon (AVB)
- 3/4" NPT Close Nipple
- 3/4" (FPT X FPT) Pressure Regulator, 25 PSI at 0.25–8 GPM

## Specifications

- Inlet/Outlet Pipe Connection: 3/4" Female NPT
- Maximum Supply Pressure: 150 PSI
- Downstream Pressure Regulation: 25 PSI
- Flow Rate @ 25 PSI: 0.25–8 GPM
- Filtration: 150 Count Stainless Mesh Screen
- Irrigation Control Valve:
  - Automatic, Anti-Siphon, Toro Jar Top Model
  - Manual Bleed and Flow Control
  - 24 V a.c., 60 Hz Solenoid

## Installation Procedure

**▲ CAUTION:** When assembling the Drip Zone Valve Kit components, use just 1½ to 2 turns of Teflon tape on male threads. Never use pipe dope. To achieve a leak-free thread connection, turn the male fitting until it is finger tight, then add one or two more turns. Over-tightening can cause splitting and failure of the female threads.

**▲ Important:** Ensure the Y-Filter, Jar Top Valve and Pressure Regulator are installed in the correct flow orientation. Flow direction arrows are provided on each component. Refer to **Figure 1** and **Figure 2**.

1. Using the Close Nipple, install the Ball Valve to the Jar Top Valve inlet.
2. Remove the Bonnet Ring from the Y-Filter by turning it counterclockwise. Remove the Bonnet and Filter Screen. See **Figure 1**.
3. Install the Y-Filter inlet to the Jar Top Valve outlet.
4. Install the Pressure Regulator inlet to the Y-Filter outlet.
5. Reassemble the Y-Filter components.

**Note:** Hand tighten the Bonnet Ring only – do not over-tighten.

**▲ Important:** Refer to the provided Toro Jar Top Valve, Anti-Siphon (AVB) installation instructions for additional important installation and operating information.

6. To determine the recommended minimum/maximum number of drip emitters per Jar Top valve, refer to the table below.

Emitter (GPH)	Low Flow
0.5	30–960
1.0	15–480
2.0	1–240

**🔧 For technical assistance, call 1-800-367-8676.**

