

Drip Zone Valve Kit Models DZK-EZF-AS and 2713APRDK Installation Instructions

Specifications

- Inlet Pipe Connection: 1" FPT
- Maximum Supply Pressure: 150 PSI
- Downstream Pressure Regulation: 30 PSI
- Flow Rate @ 30 to 150 PSI:
0.1 GPM to 35 GPM • Filtration: 150 Count
Stainless Mesh Screen
- Irrigation Control Valve:
 - Automatic, Anti-Siphon
 - Manual Bleed and Flow Control
 - 24 VAC, 60 Hz Solenoid

Kit Components

- 1" (FPT X FPT) Atmospheric Vacuum Breaker (AVB)
Irrigation Control Valve
- 1" (MPT X MPT) F Series Y-Filter, 150 Mesh
- 1" (FPT X FPT) Pressure Regulator, 30 PSI

Installation Procedure

⚠ CAUTION: When assembling the Drip Zone Valve Kit components, use 3 to 4 turns of PTFE tape on male threads. Never use pipe sealant. 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, AVB 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. From the water source, route 1" schedule 40 PVC pipe to the valve.
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 AVB 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 valve installation instructions for additional important installation and operating information.

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

Emitter (GPH)	Low Flow	Medium Flow
0.5	30–960	240–2400
1.0	15–480	120–1200
2.0	1–240	60–600

