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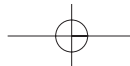
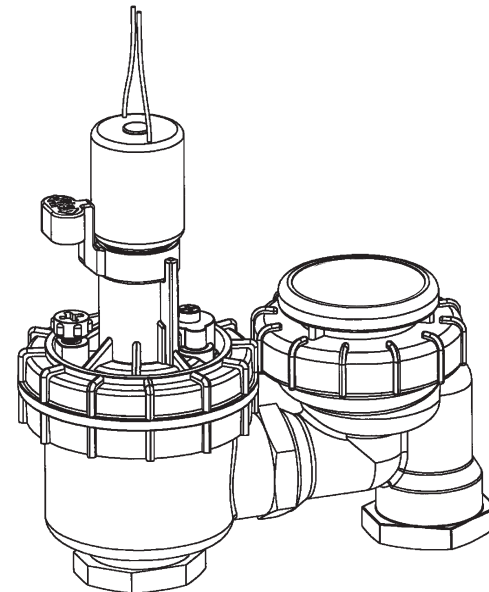
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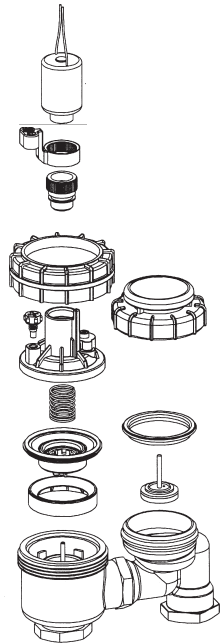
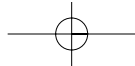
# Lawn Genie®

## Automatic Anti-Siphon Valve Installation and Operation Guide

► For Models L7034, L7010

► Please read instructions completely before attempting to install or operate the valve.





# Lawn Genie®

The L7034 (3/4") and L7010 (1") are anti-siphon valves with a flow adjustment screw, and can be operated electronically or manually.

In areas where freezing conditions occur, make provisions for draining the system. Use a shut-off valve installed on the main line feeding the sprinkler system. To assure complete drainage of the valve after water supply is shut off, electrically energize each valve for at least a few minutes (dry run). This vents any automatic valve, allowing maximum drainage.

Where local water pressure exceeds 80 psi, a pressure regulator should be used. [See Uniform Plumbing Code, Sec. 1007 (b)]. It is advisable to use a regulator with any automatic valve to assure long life as well as uniform and controllable operation.

The anti-siphon valve should be installed 6"-12" above the highest head so at no time will the anti-siphon valve be subject to back pressure or drainage. There must not be any valve downstream of the anti-siphon valve. [See Uniform Plumbing Code, Sec. 1003 (2) (7)]. Check local codes before installation.

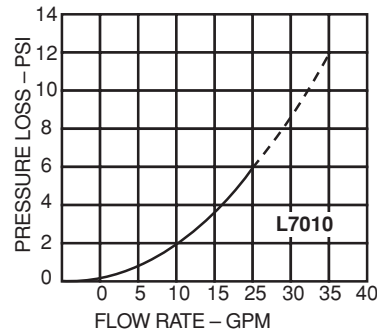
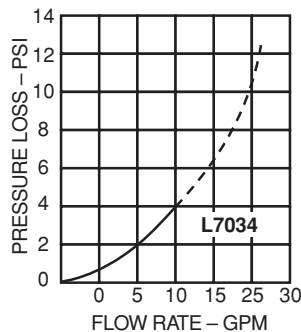
**Anti-Siphon valves must not be operated continuously for more than twelve (12) hours. (See American Society of Sanitary Engineering Standard 1001, Sec. 1.5.2.4).**

- Step 1.** Flush the line thoroughly before installing the valve. Use teflon tape on male threads.
- Step 2.** Screw the valve onto the supply pipe threads hand tight. Use a wrench only to straighten the valve into position.
- Step 3.** Screw the outlet pipe into the valve with a wrench, hold the valve by hand as the outlet pipe is tightened.
- Step 4.** Wiring to the valves can be placed underground under the pipes. Use approved underground type wire and be sure all splices are joined with wire nuts and sealed with vinyl cement or other suitable water-proofing cement. Run one common wire to each location to serve all the valves at that location. Use 18 gauge direct burial wire for runs not over 800 feet and 14 gauge wire over 800 feet. The wire is available from your dealer in 2, 3, 4, 5, 6, 7 and 8 color coded wires. Connect the solenoid to a timer that uses an approved class 2, 24V transformer as a power source.
- Step 5.** Turn the white flow control screw knob clockwise until it seats, closing the valve. Turn the water supply on. The valve will remain closed.
- Step 6.** Turn the black manual bleed screw knob counterclockwise. This will allow water to flow through the valve as the flow control is backed out. Adjust the flow control for desired flow. Tighten the manual bleed screw and the valve will close.

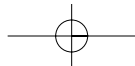
Electrical requirements are 18 V ac minimum at the solenoid.

Inrush volt-amps	@24 V ac	11.50 VA
Inrush current	@24 V ac	0.48 Amps
Holding volt-amps	@24 V ac	5.75 VA
Holding current	@24 V ac	0.24 Amps

**NOTE:** Due to varying regulations, check your local codes.



Recommended ———  
 Not Recommended - - - -



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