



1/2" Air Relief Valve for Dripline Installations

- Reduced Maintenance – Allows air to enter the line at shut down to prevent suction of dirty water into the system
- Efficient Design – Valve allows dripline to stay charged with water improving line fill times
- Reduces System Maintenance – Allows air to escape the dripline which helps to prevent water hammer
- The Air Relief Valve prevents low head drainage

To ensure optimal performance of a sub-surface installation, it is important to include an air relief valve. The valve will allow air to escape the pipeline, thus preventing water hammer or blockage. The valve will also allow air to enter the lines as water evacuates the lines at shutdown. This prevents vacuum suction of dirty water from occurring.

- Perfect for systems up to 6.5 GPM or 390 GPH
- Small compact design (Max height 1.7")
- Made of quality rust-proof materials
- 1/2" MPT threads for easy installation
- Perfect for sub-surface drip



Model: ARV050

Maximum length of dripline that can be used with the Air Relief Valve (ARV)

	1/2" ARV	
Emitter Spacing	0.61 GPH	0.92 GPH
12"	639 ft	424 ft
18"	958 ft	636 ft
24"	1,278 ft	848 ft

Air relief valve capacity

Total Flow (GPM)	6.5
Total Flow (GPH)	390

ARV should be installed at the high points in the drip zone for proper operation and reduced risk of back siphoning.

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