

Emission Devices

Air/Vacuum Relief Valve

Primary Application

To ensure optimal performance of sub-surface installation,* it is important to include an air/vacuum 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.

Features

- Kit includes 1" air relief valve, schedule 40 PVC elbow, Male x 3/4" Female reducing bushing and 3/4" MPT Universal adapter
- Use with Rain Bird Landscape Dripline in-line emitter tubing
- Made of quality rust-proof materials
- Fits inside an SEB-6 valve box

*Rain Bird does not recommend sub-surface installation for turf-grass.

Model

- AR Valve Kit



AR Valve Kit

Landscape Dripline

Primary Application

Landscape Dripline is the next generation in pressure compensating, inline emitter tubing delivering unmatched clog-resistance for long term reliability. It can be used to irrigate ground cover, mixed plantings, slope plantings and hedge rows.

Features

- Pressure compensation ensures consistent flow from each inline emitter throughout the entire length of tubing run.
- Choice of flow rates, spacing and coil lengths provides design flexibility for a variety of non-turfgrass applications.
- Rain Bird's patented ADI emitter (Advanced Drip Inline) pressure compensates by "lengthening" the emitter's turbulent flow path instead of reducing the cross-sectional area of the emitter's flow path. The result is unsurpassed clog-resistance over the long term.
- Cylindrical shape of Rain Bird's ADI emitter "welds" to the inner circumference of the polyethylene tubing, creating a physical barrier that keeps the emitter cover and silicone wafer securely in place even when tubing is kinked in the field.
- Cylindrical design of Rain Bird's ADI emitter provides surface area for filtration throughout 360° of its outer circumference. This superior filtration, combined with ADI emitter technology, eliminates the need to install an automatic flush valve in the zone – saving both time and money.

Operating Range

- Pressure: 8-60 psi (0,6-4,0 bar)
- Temperature: Up to 100° F (43.3° C) water
Up to 125° F (51.7° C) ambient
- Flow Rates: 0.61 GPH and 0.92 GPH (2,3 l/h and 3,5 l/h)
- Filtration: 120-mesh (125-micron)

Specifications

- Outside Diameter: 0.630" (16 mm)
- Inside Diameter: 0.540" (13,7 mm)
- Wall Thickness: 0.045" (1,1 mm)

GPM/100' Chart

	12"	18"	24"
.6	1.0	.67	.50
.9	1.5	1.0	.75



ADI Emitter



Landscape Dripline



Cylindrical Shape

LD - 09 - 12 - 100

Model Landscape Dripline

Length of Tubing
100 = 100' (30,5 m)
500 = 500' (152,4 m)

Emitter Spacing
12 = 12" (30,5 cm)
18 = 18" (45,7 cm)
24 = 24" (61,0 cm)

Flow Rate
06= .61 GPH (2,3 l/h)
09= .92 GPH (3,5 l/h)

How to Specify

