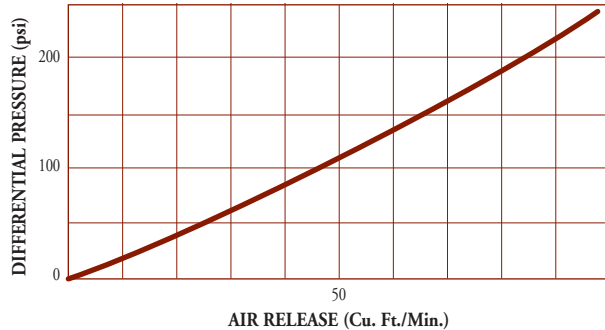




Air Vents

Proven Design Provides More Air Release Capacity Than Other Valves of Similar Sizes

2" AUTOMATIC AIR RELEASE Flow Rate Chart



Product Advantages

- Ensures maximum protection of irrigation system with proper sizing and placement.
- Hydrodynamic float design ensures valve closure as water fills the system, remains open when air pressure reaches 12 psi.
- Large capacity valves dampen water hammer preventing pipes and fittings from cracking or bursting.
- Unique patented rolling seal feature allows gradual opening, closing and self-cleaning - available on Continuous Air Relief/Vacuum Breaker.
- Made of corrosion-resistant reinforced UV protected nylon - no metal parts to rust or corrode, no need for spare parts.

Applications

- **2" Continuous Air Relief/Vacuum Breaker and Continuous Acting Air Vent**
 - For release of large volumes of air: pump and filtration stations, along mains, at the end of mainlines.
 - At high points in pipe network or upstream of manifolds.
 - Every 1,000 feet along mainlines 6 inches and larger.
- **2" Combination Air Release/Vacuum Guard and Continuous Acting Air Vent**
 - Releases air at pump priming and maintains the prime by not allowing air intake in long and/or undulating suction lines to pump stations.
 - Releases entrapped air while ensuring continuous prime at centrifugal pumps.
 - Builds up siphons with air release, maintains the siphon by continuously releasing air and not allowing air intake.
- **Guardian Air and Vacuum Relief Air Vents**
 - Commonly used downstream of valves, primarily at manifolds, to break vacuum caused by system draining.
 - On sloping terrain to prevent collapsing of pipes caused by vacuum when pipe networks drain.



2" Continuous
Air Relief/
Vacuum Breaker



2" Continuous
Air Relief/
Vacuum Breaker



2" Continuous
Air Relief/Vacuum Breaker
Stainless Steel



1" Guardian
Air Relief/
Vacuum Breaker

Specifications

- Maximum operating pressures:
 - 2" Polypropylene: 230 psi
 - 1" Guardian: 150 psi
- Five year warranty

ORDERING INFORMATION

Nominal Size	Part Number	Material
1"	65AV0101	Polypropylene
1"	65RIA1V	Polypropylene & Viton
2"	65ARI2VP	Polypropylene & Viton
2"	65ARIB2PP	Polypropylene
2"	65ARIB2SS	Stainless Steel & Viton



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