

GUARDIAN AIR / VACUUM RELIEF AIR VENTS

3/4", 1," 2" and 3" Guardian Air/Vacuum Relief Air Vents

The Guardian Air/Vacuum Relief Air Vents are smaller, lighter and cost effective air vents. The Guardian is suitable for working pressures ranging from 2 psi to 150 psi. The 2" Guardian Air/Vacuum Relief Air Vent is ideal for placement downstream of valves primarily at manifolds, to break vacuum caused by system draining. It also works well when placed on sloping terrain to prevent collapsing of pipes caused by vacuum when pipe networks drain. Built-in Shrader Valve is for measuring local line pressure in the field quickly and easily.

Stages of Operation

1. The Guardian releases large quantities of air through an opening equal to a large size standard vent. As water enters, the float rises and forces the valve to close.
2. During normal flow, while the line is under pressure, the valve remains closed.
3. As the line empties, or during a drop in pressure, the float drops down and opens the valve. Air is admitted, breaking the vacuum created by the withdrawing water and prevents the collapse of pipelines and suction of soil into dripperlines.

Connection

- 3/4", 1" Guardian: Male connector
 2", 3" Guardian: Female connector

GUARDIAN AIR/VACUUM AIR VENTS				
PART NO.	SIZE	BODY	MAX. OPER. PRESSURE (psi)	QTY PER CARTON
65ARIA075	3/4" MPT	Nylon	150	24
65ARIA100	1" MPT	Nylon	150	24
65ARIA2	2" FPT	Nylon	150	12
65ARIA3	3" FPT	Nylon	150	6



3/4", 1"
 Guardian
 Air/Vacuum
 Relief Air Vent



2", 3"
 Guardian
 Air/Vacuum
 Relief Air Vent

GUARDIAN AIR/VACUUM AIR VENTS W/SHRADER VALVE				
PART NO.	SIZE	BODY	MAX. OPER. PRESSURE (psi)	QTY PER CARTON
65ARIA075S	3/4" MPT	Nylon	150	24
65ARIA100S	1" MPT	Nylon	150	24



3/4", 1" Guardian
 Air/Vacuum
 Relief Air Vent
 With Shrader
 Valve