PRODUCT SPECIFICATION SHEET | **SKU RKARV-100**

1" Aluminum Air Release & Vacuum Relief Vent – Simple Action FNPT



1" simple-action aluminum air release and vacuum relief vent — essential for preventing water hammer, air locks, and pipeline collapse in pressurized irrigation systems.

Automatically expels trapped air during system startup and admits air during shutdown to prevent vacuum damage. Cast aluminum body is lightweight and corrosion-resistant. Rated to 150 PSI with a 5 PSI sealing pressure.

SPECIFICATIONS

Size	**1"**
Connection	**FNPT**
Valve Action	**Air Expulsion & Admission**
Max Pressure	**150 PSI**
Sealing Pressure	**5 PSI**

FEATURES

- Dual-function operation — expels air during filling and admits air during drainage to prevent vacuum collapse
- Cast aluminum body — lightweight for easy installation on risers and high points without added structural support
- Corrosion-resistant construction — withstands outdoor agricultural environments season after season
- Synthetic rubber seal — ensures positive sealing even at low head applications (5 PSI sealing pressure)
- Simple, reliable design — no complex moving parts means trouble-free performance with minimal maintenance

© 2026 IrrigationKing.com · (844) 259-0640 · support@irrigationking.com