PRODUCT SPECIFICATION SHEET | **SKU RKARV-300**

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



3" simple-action aluminum air release and vacuum relief vent designed for larger commercial irrigation mainlines where rapid air expulsion is critical.

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 100 PSI with a 7 PSI sealing pressure.

SPECIFICATIONS

Size	**3"**
Connection	**FNPT**
Valve Action	**Air Expulsion & Admission**
Max Pressure	**100 PSI**
Sealing Pressure	**7 PSI**

FEATURES

- Dual-function operation — expels air during filling and admits air during drainage to prevent vacuum collapse
- 2.6" clear opening diameter — large orifice handles high air volumes for faster startup on large-diameter mainlines
- Cast aluminum body — lighter than steel alternatives for easier mounting at pipeline high points
- Corrosion-resistant construction — withstands outdoor agricultural environments season after season
- Synthetic rubber seal — ensures positive sealing even at low head applications (7 PSI sealing pressure)
- Simple, reliable design — no complex moving parts means trouble-free performance with minimal maintenance