PRODUCT SPECIFICATION SHEET | **SKU RKARV-400**

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



4" simple-action aluminum air release and vacuum relief vent — the largest size in the series, designed for high-capacity commercial irrigation mainlines.

Automatically expels large volumes of trapped air during system startup and admits air during shutdown to prevent vacuum damage. Cast aluminum body is lightweight relative to steel alternatives. Rated to 100 PSI with a 10 PSI sealing pressure.

SPECIFICATIONS

Size	**4"**
Connection	**FNPT**
Valve Action	**Air Expulsion & Admission**
Max Pressure	**100 PSI**
Sealing Pressure	**10 PSI**
Nominal	**4**
Clear Opening Diameter	**3.4**
Height	**9.8**
Width	**7.1**
Weight	**6.72 lbs**

FEATURES

- Dual-function operation — expels air during filling and admits air during drainage to prevent vacuum collapse
- 3.4" clear opening diameter — the largest in the series, handles maximum air volumes for fast startup on high-capacity mainlines
- Cast aluminum body — significantly 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 at 10 PSI sealing pressure
- Simple, reliable design — no complex moving parts means trouble-free performance with minimal maintenance