



infinity Vapour Recovery Breakaway Valves for Dispensing System Breakaway Valves

Model No.: VRB-109 & VRB-110



Infinity Vapour recovery breakaway valves ensure proper drive-off protection for vapour recovery refueling applications. Their lightweight, compact design allow for easy installation directly between the nozzle and hose.

TECHNICAL SPECIFICATION :

Nozzle flow rate compatibility	: Up to 80 lpm
Working pressures compatibility	: 0.5 bar up to 3.5 bar
Separation force	: Between 800 N and 1,500 N force
For use with motor fuels including	: Gasoline, gasoline with up to 20% ethanol, diesel fuel
Temperature rating	: -30 °C to 65 °C
Fuel release	: < 10 ml after separation
Internal pressure	: BAV factory tested to 5.3 bar, SG factory tested to 3.5 bar
Electric conductivity	: Factory tested to < 100k Ohm

HIGHLIGHT :

- Installs directly between the hose and nozzle.
- Compatible with high hose and retractor applications.
- Heat-treated aluminium or stainless steel construction.
- Separate with axial or up to 30° angular force.
- All rubber-to-machined metal connections ensure optimal sealing surfaces.
- Non-reusable design prevents unauthorised reconnection of breakaways by unqualified personnel or end user.
- Multiple models and thread size options available to accommodate the needs of any application.
- Clearly marked flow direction ensures proper installation.
- Easily installed without specialised tools. Simply mount the break away valve or directly into the nozzle and tighten using a torque wrench to 30 Nm.

Approvals/Certifications

ATEX approved.



Ordering Information

Model No	Inlet Connection (HS)	Outlet Connection (NS)	Description
VRB-109	M34x1.5 female coaxial	M34x1.5 male coaxial	Vapour recovery breakaway valve with aluminum
VRB-110	M34x1.5 female	M34x1.5 male coaxial	Vapour recovery breakaway valve with stainless steel