

Link do produktu: <https://bizongarage.pl/dynamic-safety-vent-valve-12an-orb-to-12an-male-high-fill-radium-engineering-p-4124.html>

## Dynamic Safety Vent Valve 12AN ORB to 12AN Male High Fill Radium Engineering



Cena brutto	<b>288,99 zł</b>
Cena netto	<b>234,95 zł</b>
Dostępność	<b>Na zamówienie</b>
Numer katalogowy	<b>331498169</b>
Kod producenta	<b>USA-RAD-20-0935</b>

### Opis produktu

#### "QUICK FILL" DYNAMIC SAFETY VENT VALVES

These internal DSV valves can be used for fuel tanks that have 12AN ORB female threads (including the Radium FCST/FCST-X). The advanced tank venting and high flowing 12AN male fitting permits dry break applications that use dump cans for quick refueling. The 1-piece machined part is manufactured from billet 6061 aluminum and type-II anodized. Included are 2 ball valves, FKM O-ring, and a stainless steel retaining ring. The DSV determines when the tank is full as the upper sealing ball valve floats to the top shutting off the air (vent) source. This safely prevents fuel from traveling up and out of the fuel cell vent line. The DSV serves 2 main purposes, fuel fill shut off and roll over protection.

#### ROLL OVER PROTECTION

In case of an accident in which the wheels are up-ended, the ball valve sinks sealing the vent. This safely prevents fuel from leaking out of the fuel cell vent line.

#### FUEL FILL SHUT OFF

Dry breaks are unique in that they seal the fill line during refueling. When the tank becomes full and the DSV valve shuts off the vent, a small amount of pressure will build in the fuel cell. This low air pressure is determined by the height of the dump can with respect to the lowest part of the fuel cell (a larger distance will result in higher head pressure). The dump can will begin to "chug". This is by design as it informs the operator that the fuel cell is full and the dry break can now be released. The residual air pressure will make its way out of the vented dry break receiver and permit the fuel level to rise slightly in the tank.

#### 20-0935 DSV, 12AN ORB TO 12AN MALE, HIGH FILL

This short quick fill dynamic safety vent valve shuts off the refueling process late. After the DSV float valve shuts off the vent, pressure will begin to build in the fuel cell. Once the dry break is released, air pressure will bleed out of the fill vent and fuel will quickly fill the empty void in the fuel cell.