

R-B™ SAFETY COUPLER

Break-Away Protection For Anhydrous Ammonia Toolbars

Introducing Squibb-Taylor's Safety Device Featuring Pressure Balanced Design and Stainless Steel Construction

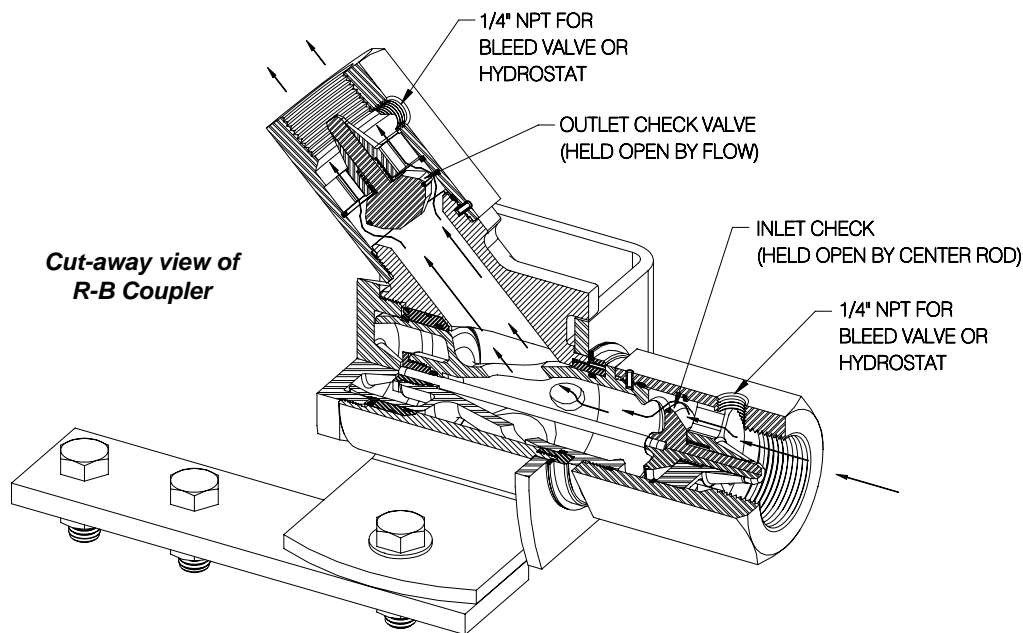
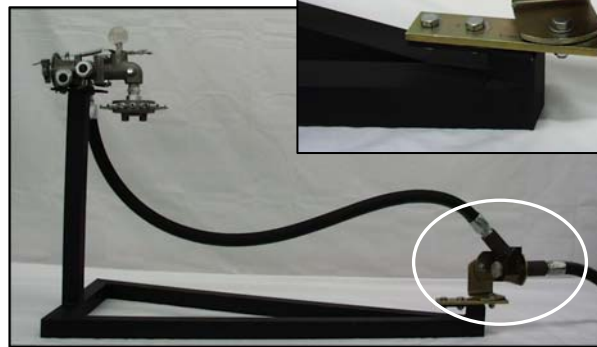
The R-B Safety Coupler is a unique new safety device that provides nurse tank break-away protection for NH₃ toolbars.

The R-B "Reliable Break-Away" couplers are designed to safely disconnect the nurse tank hose from any tool bar in the event of a pull-away from the nurse tank, a nurse tank roll over, or any occurrence that would cause the nurse tank hose to become taut.

When the R-B Coupler disconnects, two check valves immediately close. The inlet check valve, located on the male half of the coupling, remains with the nurse tank hose and protects the nurse tank from releasing NH₃ from all piping or vessels located on the tool bar. A minimal NH₃ release (between 100-150cc) occurs at separation due to trapped liquid between the two check valves.

The R-B Coupler's stainless steel construction of critical operating components eliminates corrosion to **guarantee reliable operation** in a break-away. "Replacement After 3 Years" is not a requirement for this coupler. In addition, wind-blown dirt and grit will not cause the device to jam or fail. It is designed for reliable operation to protect you when you need it.

The R-B Coupler is available 1" NPT. To further enhance ease of installation, the coupler mounts directly to your existing full swivel bracket. Installation of the R-B Coupler halves requires only 30-40 pounds of force.



The R-B also features an internal pressure balanced design, so break-away separation force is unaffected by tank pressure. The RB1-1000 (1" NPT) requires 250-300 pounds of force to activate the coupler.

After a break-away, the R-B is easily reconnected within minutes. Squibb-Taylor makes it easy to ensure safety and reduce maintenance costs with the R-B Safety Coupler.