

BREAK-AWAY COUPLERS & STRAINERS

Break-Away Couplings

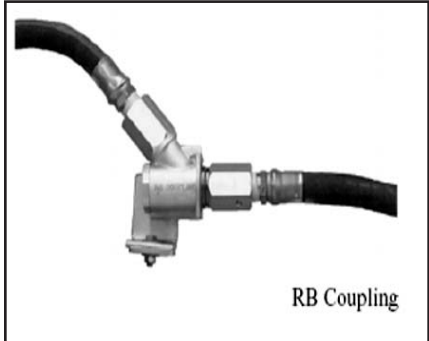
The R-B "Reliable Break-Away" couplers and Flo-Max couplers are designed to safely disconnect the nurse tank hose from any tool bar in the event of a pull-away from the nurse tank, a nurse tank rollover, or any occurrence that would cause the nurse tank hose to become taut.

When the 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 release (between 100-150cc) occurs at separation due to the trapped liquid between the two check valves.

The R-B and Flo-Max 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.

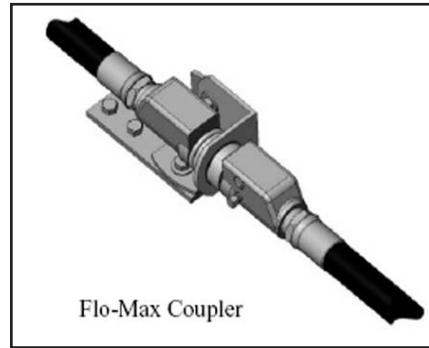
For a maximum flow with virtually no drop, the FloMax design features "swing style" check valves that provide a "Wide open through bore" in its operating position. It comes only in 1-1/4" NPT size for flow hungry applications. **Ideal for cold weather applications.**

To further enhance ease of installation, the coupler mounts directly to your existing full swivel bracket or it can be ordered with a bracket. Bracket part number is **RB1-1002**.



RB Coupling

Part Number	Body Size	Bracket
RB1-1000	1" FNPT	No
RB1-1001	1" FNPT	Yes
RB114-1000	1-1/4" FNPT	No
RB114-1001	1-1/4" FNPT	Yes
FM125-1000	1-1/4" FNPT	No
FM125-1004	1-1/4" FNPT	Yes



Flo-Max Coupler

RB Breakaway Parts

Part Number	Description	For Use On
RB1-2003	Bracket Retaining Ring	RB1-1002*
RB1-0024	Guide Nut and O-Ring Repair Kit	RB-1
RB1.25-0024	Guide Nut and O-Ring Repair Kit	RB-1.25
P5-169-RO	Sealing O-Ring	RB-1
P5-163-RO	Sealing O-Ring	RB-1.25

*Bracket for both RB1 and RB1.25



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Strainers

Protect valves, pumps, and other equipment against damage from dirt and foreign material. The strainers can be installed either horizontally or vertically. Body is ductile iron with a stainless steel screen (20 mesh standard).

Size	Part Number	Size	Part Number
1/4" FNPT	200710	1-1/4" FNPT	200720
1/2" FNPT	200714	1-1/2" FNPT	200722
3/4" FNPT	200716	2" FNPT	200723
1" FNPT	200718	3" FNPT	200726

