



# RETRACTABLE INJECTION QUILLS

## PRODUCT DATA SHEET



### New Standard Lengths Available: 8", 12", 15", 18", 21 1/2"

The Eddington Retractable Injection Quill with check valve - Part Number QR-075-SS-CV - is depicted above. Standard configurations are listed below; however, special configurations are also available. Please call for information.

| Part Number   | Process Connection | Pump Connection | Wetted Part (Quill) Material | Packing Material (700°F max) | Quill Diameter   | Injection Length | Working Pressure | Working Temperature |
|---------------|--------------------|-----------------|------------------------------|------------------------------|------------------|------------------|------------------|---------------------|
| QR-050-SS     | 1/2" MNPT          | 1/2" FNPT       | Type 316 SS                  | Graphite                     | 3/8" Dia. Tubing | 21.5"            | 300 psi          | 200°F               |
| QR-050-SS-VHT | 1/2" MNPT          | 1/2" FNPT       | Type 316 SS                  | Graphite                     | 3/8" Dia. Tubing | 21.5"            | 450 psi          | 450°F               |
| QR-075-SS     | 3/4" MNPT          | 1/2" FNPT       | Type 316 SS                  | Graphite                     | 1/4" Dia. Pipe   | 21.5"            | 300 psi          | 200°F               |
| QR-075-SS-VHT | 3/4" MNPT          | 1/2" FNPT       | Type 316 SS                  | Graphite                     | 1/4" Dia. Pipe   | 21.5"            | 450 psi          | 450°F               |
| QR-100-SS     | 1" MNPT            | 1/2" FNPT       | Type 316 SS                  | Graphite                     | 1/4" Dia. Pipe   | 21.5"            | 300 psi          | 200°F               |
| QR-100-SS-VHT | 1" MNPT            | 1/2" FNPT       | Type 316 SS                  | Graphite                     | 1/4" Dia. Pipe   | 21.5"            | 450 psi          | 450°F               |

Check Valves are available for all Eddington Retractable Injection Quills.

- Please add a -CVEM on the end of the part number to add a check valve.
- Standard check valves are 1/2" FNPT (pump connection), all components are Type 316 Stainless Steel.

## APPLICATIONS

- Injection Nozzle allows for proper injection into liquid, gas or mixed phase system.
- Nozzles can be removed for inspection without system shutdown.
- Adjustable quill permits precise positioning of quill in fluid flow and restrains stinger during insertion/removal.

## FEATURES

- Check valves are available on the pump side connection for easy installation.
- Alloy 20 and Hastelloy materials are also available.
- Available in larger sizes, up to 3" MNPT Connection.
- All Check Valves are made of 100% Type 316 Stainless Steel (no rubber seals).
- Welded safety collars on all retractable injection quills.

## SPECIALS

- Materials such as Hastelloy and Alloy 20 are available upon request.
- Different quill diameters are available upon request.
- Special insertion lengths are available upon request.