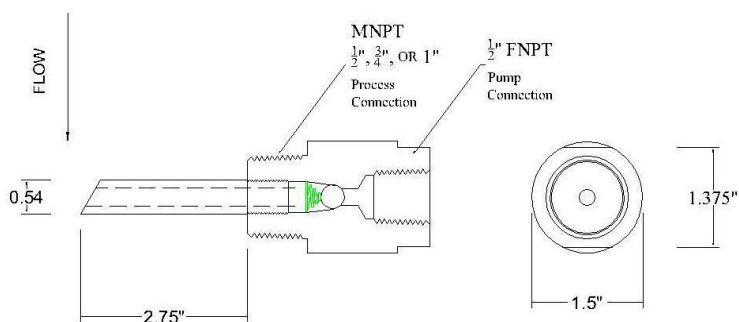




QBFM & QCFM SERIES INJECTION QUILLS

PRODUCT DATA SHEET



QCFM Model depicted above (QBFM comes without check valve)

- The Eddington QCBM & QCFM Injection Quills offer MNPT process connections and 1/2" FNPT pump side connections. Quills made from Type 316 Stainless Steel, Alloy 20, Hastelloy C276 can be used for high temperature, high pressure applications.
- We test all of our quills for a crack pressure of 10 psi. If the pump cannot deliver 10 psi then a QBFM injection quill may be appropriate.
- Quills are available in Type 316 Stainless Steel, PVC, Kynar, Alloy 20 and Hastelloy C276.
- The QCBM has no check valve and the QCFM Injection Quills have built-in ball check valves to prevent backflow through the nozzle and into the chemical feed line.
- There are two flat surfaces on the external portion of the nozzle so a wrench can be used during installation.
- Install Injection Quill with V notch facing into the flow for the most rapid dispersal of injected chemicals into the stream (see diagram above).
- Standard Injection Quill length is 2 3/4" but custom lengths up to 24" are available. For additional lengths, please add the desired length after the part number. (e.g. QCFM-316-050-18)

	Part Number			Check Valve Material		Temperature and Pressure Rating	
Material	Process Connection Size (MNPT)			Ball	Spring	Max Temp	Max Press. (psi)
	1/2"	3/4"	1"				
Type 316 SS	QCFM-316-050	QCFM-316-075	QCFM-316-100	316 SS	Type 316 SS	750°F (400°C)	3000
PVC	QCFM-PVC-050	QCFM-PVC-075	QCFM-PVC-100	Ceramic	HAST C	120°F (49°C)	150
CPVC	QCFM-CPVC-050	QCFM-CPVC-075	QCFM-CPVC-100	Ceramic	HAST C	190°F (88°C)	150
Kynar	QCFM-KY-050	QCFM-KY-075	QCFM-KY-100	Ceramic	HAST C	200°F (93.3°C)	150
Kynar w/ Teflon Check Valve	QCFM-KY-050-T	QCFM-KY-075-T	QCFM-KY-100-T	Teflon	HAST C	200°F (93.3°C)	150
Alloy 20	QCFM-C20-050	QCFM-C20-075	QCFM-C20-100	HAST C	HAST C	750°F (400°C)	3000
Hastelloy C 276	QCFM-Hastelloy-050	QCFM-Hastelloy-075	QCFM-Hastelloy-100	HAST C	HAST C	750°F (400°C)	3000
Type 316 SS	QBFM-316-050	QBFM-316-075	QBFM-316-100	No Check Valve		750°F (400°C)	3000
PVC	QBFM-PVC-050	QBFM-PVC-075	QBFM-PVC-100	No Check Valve		120°F (49°C)	150
CPVC	QBFM-CPVC-050	QBFM-CPVC-075	QBFM-CPVC-100	No Check Valve		190°F (88°C)	150
Kynar	QBFM-KY-050	QBFM-KY-075	QBFM-KY-100	No Check Valve		200°F (93.3°C)	150
Alloy 20	QBFM-C20-050	QBFM-C20-075	QBFM-C20-100	No Check Valve		750°F (400°C)	3000
Hastelloy C 276	QBFM-Hastelloy-050	QBFM-Hastelloy-075	QBFM-Hastelloy-100	No Check Valve		750°F (400°C)	3000