

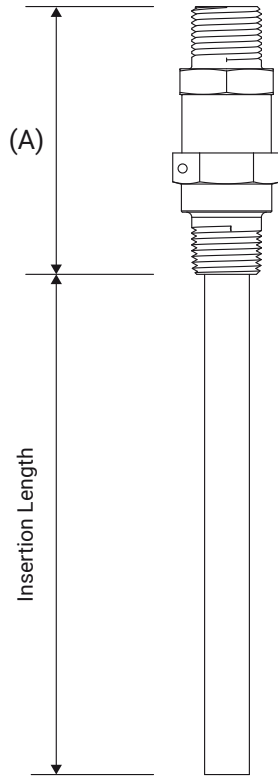
# IQ SERIES

## INJECTION QUILL, NON-RETRACTABLE WITH CHECK VALVE



### SPECIFICATIONS

SAFETY RATING	150 PSI - PVC, CPVC, PVDF 1500 PSI - ALLOY
CHECK VALVE	INTEGRATED SPRING LOADED BALL CHECK VALVE
SAF-T-SEAL TIP	N/A
QUICK DISCONNECT	NO
VALVE/PROCESS CONNECTION SIZE	1/2" (IQ-50) - 3/4" (IQ-75)
INLET CONNECTION SIZE	1/2"
SOLUTION TUBE SIZE	1/4"
SOLUTION TUBE ID (PVC, CPVC, PVDF)	0.302"
SOLUTION TUBE ID (ALLOY)	0.364"
SOLUTION TUBE OD	0.540"
(A) HOUSING LENGTH	3.23"
OVERALL LENGTH	A + INSERTION LENGTH



The IQ series non-retractable is well suited to small scale applications or those where the main can easily be depressurized to allow for servicing. The integrated check valve provides convenient isolation from the process pressure. Its size and availability in PVDF, C276, and Alloy20 make it ideal for sulfuric acid applications.



### ORDERING INFORMATION

SERIES	SEAL TYPE	INLET CONNECTION	INSERTION LENGTH	BODY MATERIAL	SPRING MATERIAL
<b>IQ-50</b>	-	-	-	-	-
	<b>V</b> = FKM <b>E</b> = EPDM <b>K</b> = KALREZ 6375	<b>5</b> = 1/2"	<b>2</b> = 2" <b>4</b> = 4" <b>6</b> = 6" <u>Alloy Models Only</u> <b>8</b> = 8" <b>10</b> = 10" <b>12</b> = 12" <b>18</b> = 18" <b>24</b> = 24"	<b>P</b> = PVC <b>C</b> = CPVC <b>K</b> = PVDF <b>A</b> = ALLOY 20 <b>H</b> = Alloy C276 <b>S</b> = 316SS	<b>H</b> = Alloy C276

### TECH NOTES

1. Spring cracking pressure is 10 PSI.
2. IQ-75 variants are only available in PVC or CPVC body materials.
3. PVC, CPVC and PVDF are not recommend nor covered by warranty when used in applications with process flow velocities greater than 6 fps.

SERIES	SEAL TYPE	INLET CONNECTION	INSERTION LENGTH	BODY MATERIAL	SPRING MATERIAL
<b>IQ-75</b>	-	-	-	-	-
	<b>V</b> = FKM <b>E</b> = EPDM <b>K</b> = KALREZ 6375	<b>5</b> = 1/2"	<b>2</b> = 2" <b>4</b> = 4" <b>6</b> = 6"	<b>P</b> = PVC <b>C</b> = CPVC	<b>H</b> = Alloy C276