

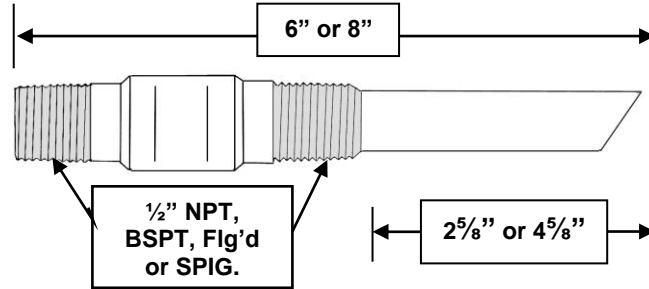


PRIMARY FLUID SYSTEMS INC.

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 TEL: (905)333-8743 FAX: (905)333-8746
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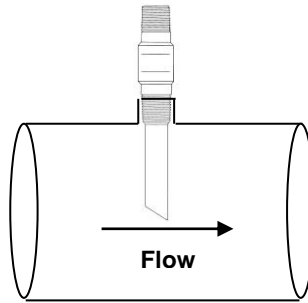
01/2024
 Rev. 1

Canadian 2024 PFS Injection Quills



Typical Installation

Fig. A



HOW TO ORDER

eg: IQ-56-CPVC-HI-25

IQ - 56 - CPVC - HI - 25

PFS INJECTION QUILL

QUILL CONNECTION

- 5 = 1/2" NPT
 - 5B = 1/2" BSPT
 - 5F = 1/2" Flg'd
 - 5S = 1/2" SPIG.
 - 7 = 3/4" NPT
 - 7B = 3/4" BSPT
 - 7F = 3/4" Flg'd
 - 7S = 3/4" SPIG.
- Other connection sizes available upon request.

INSERTION LENGTH

- 6 = 2 5/8"
 - 8 = 4 5/8"
- Longer insertions available upon request

The standard discharge orifice is 1/8"
 -25 = Optional 1/4" discharge orifice for higher capacity flow.
 Hastelloy units only available with 1/4"

OPTIONAL: (Suffix)
SPRING AND BALL MATERIALS
 H = Hastelloy "C" spring material
 I = Hastelloy "C" ball material
 TB = Titanium Grade 2 ball material
 TS = Titanium Beta "C" Spring
 K = PVDF ball material
 T = PTFE ball material

BODY MATERIALS
 PVC = Polyvinylchloride
 CPVC = CPVC Corzan
 PP = Polypropylene
 PVDF = Polyvinylidene Fluoride
 316S/S = 316 Stainless Steel
 HAST = Hastelloy "C" 276

PFS Injection Quills

Standard Features

- Built in, spring loaded check
- 6 materials of construction
- Pressure range to 3000 PSIG
- Available in 2 sizes, 6" (2⁵/₈" insertion length) or 8" (4⁵/₈" insertion length)
- Simple installation, using 1/2" or 3/4" NPT, BSP, Flg'd or Spigoted connections are available
- 3 spring material choices, 316 stainless steel (standard), Hastelloy "C" or Titanium Beta "C"
- 6 check ball material choices (see options below)

Model	OAL Length	Insertion Length	Body Material	Ball Check Material	Check Spring Material	Pressure * Max. PSIG	Temperature Max.
IQ-56-PVC IQ-76-PVC	6"	2 ⁵ / ₈ "	PVC	Ceramic	316S/S	150*	140°F(60°C)
IQ-56-CPVC IQ-76-CPVC	6"	2 ⁵ / ₈ "	CPVC	Ceramic	316S/S	150*	210°F(98°C)
IQ-56-PP IQ-76-PP	6"	2 ⁵ / ₈ "	PP	Ceramic	316S/S	150*	195°F(90°C)
IQ-56-PVDF IQ-76-PVDF	6"	2 ⁵ / ₈ "	PVDF	Ceramic	316S/S	150*	260°F(125°C)
IQ-56-316S/S IQ-76-316S/S	6"	2 ⁵ / ₈ "	316 S/S	316 S/S	316S/S	3000*	500°F(260°C)
IQ-56-HastC-25* IQ-76-HastC-25*	6"	2 ⁵ / ₈ "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)
IQ-58-PVC IQ-78-PVC	8"	4 ⁵ / ₈ "	PVC	Ceramic	316S/S	150*	140°F(60°C)
IQ-58-CPVC IQ-78-CPVC	8"	4 ⁵ / ₈ "	CPVC	Ceramic	316S/S	150*	210°F(98°C)
IQ-58-PP IQ-78-PP	8"	4 ⁵ / ₈ "	PP	Ceramic	316S/S	150*	195°F(90°C)
IQ-58-PVDF IQ-78-PVDF	8"	4 ⁵ / ₈ "	PVDF	Ceramic	316S/S	150*	260°F(125°C)
IQ-58-316S/S IQ-78-316S/S	8"	4 ⁵ / ₈ "	316S/S	316S/S	316S/S	3000*	500°F(260°C)
IQ-58-HastC-25* IQ-78-HastC-25*	8"	4 ⁵ / ₈ "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)
*MAXIMUM PSIG RATING BASED ON 73°F (23°C). SEE PAGE 4 FOR TEMPERATURE CORRECTION FACTOR *HASTELLOY QUILLS ONLY AVAILABLE WITH 1/4" DISCHARGE							

Note: Check spring is made of 316 S/S, Hastelloy "C" or Titanium Beta C material. The injection quill may be ordered less spring if not chemically compatible with product being pumped.

Hastelloy "C" springs are available from stock

Other spring materials available on special request, please contact the factory for costs

PVDF, PTFE, Hastelloy "C" and Titanium Grade 2 check balls are available from stock

PFS Injection Quills 2024 Canadian Price List

CODE A

Model	OAL Length	Insertion Length	Body Material	Ball Check Material	Check Spring Material	Pressure* Max. PSIG	Temperature Max.	List Price
IQ-56-PVC	6"	2 ⁵ / ₈ "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 229.00
IQ-76-PVC	6"	2 ⁵ / ₈ "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 279.00
IQ-56-CPVC	6"	2 ⁵ / ₈ "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 264.00
IQ-76-CPVC	6"	2 ⁵ / ₈ "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 340.00
IQ-56-PP	6"	2 ⁵ / ₈ "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 247.00
IQ-76-PP	6"	2 ⁵ / ₈ "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 321.00
IQ-56-PVDF	6"	2 ⁵ / ₈ "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 346.00
IQ-76-PVDF	6"	2 ⁵ / ₈ "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 513.00
IQ-56-316S/S	6"	2 ⁵ / ₈ "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 356.00
IQ-76-316S/S	6"	2 ⁵ / ₈ "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 761.00
IQ-56-HASTC-25*	6"	2 ⁵ / ₈ "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	\$1,193.00
IQ-76-HASTC-25*	6"	2 ⁵ / ₈ "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	Call Factory
IQ-58-PVC	8"	4 ⁵ / ₈ "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 247.00
IQ-78-PVC	8"	4 ⁵ / ₈ "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 297.00
IQ-58-CPVC	8"	4 ⁵ / ₈ "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 297.00
IQ-78-CPVC	8"	4 ⁵ / ₈ "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 372.00
IQ-58-PP	8"	4 ⁵ / ₈ "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 290.00
IQ-78-PP	8"	4 ⁵ / ₈ "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 372.00
IQ-58-PVDF	8"	4 ⁵ / ₈ "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 377.00
IQ-78-PVDF	8"	4 ⁵ / ₈ "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 544.00
IQ-58-316S/S	8"	4 ⁵ / ₈ "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 387.00
IQ-78-316S/S	8"	4 ⁵ / ₈ "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 825.00
IQ-58-HASTC-25*	8"	4 ⁵ / ₈ "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	\$1,320.00
IQ-78-HASTC-25*	8"	4 ⁵ / ₈ "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	Call Factory
*MAXIMUM PSIG RATING BASED ON 73°F (23°C). SEE PAGE 4 FOR TEMPERATURE CORRECTION FACTOR *HASTELLOY QUILLS ONLY AVAILABLE WITH 1/4" DISCHARGE								

Options

- For **Hastelloy "C" spring** material add **suffix – H** to part number and **add \$61.00** to the list
- For **Titanium Beta "C" spring** material add **suffix – TS** to part number and **add \$148.00** to the list
- For **Hastelloy "C" ball** material add **suffix – I** to part number and **add \$75.00** to the list price
- For **Titanium Grade 2 ball** material add **suffix – TB** to part number and **add \$203.00** to the list
- For **PVDF ball** material add **suffix – K** to part number and **add \$75.00** to the price
- For **PTFE ball** material add **suffix – T** to part number and **add \$75.00** to the price
- For **Flanged and Spigot** see **How to Order – consult factory** for pricing

The standard discharge orifice is 1/8", which helps increase chemical discharge velocity.

Optional 1/4" discharge orifice available for higher capacity flow add suffix -25 & add \$19.00 to the list price.

(i.e. IQ-56-PVC quill with Hastelloy spring and ball would be part # IQ-56-PVC-HI with a list price of \$229.00 plus \$136.00 = \$365.00 list)

NOTE: CRN is available on certain Quills at an extra charge. Please contact factory for price and availability.

All taxes are extra **if applicable**

F.O.B. Burlington, Ont.

Ship prepaid and charge

Terms: (OAC) Net 30 days, **firm**

Prices are subject to change without notice

