



**The CQG06 Series** high purity couplings feature our patented pressure-balanced, non-spill design. Molded virgin polypropylene and a 100% springless flow path provide broad chemical resistance and exceptionally high flow capacity, allowing instant disconnects (and reconnects), even under pressure.

Features	Benefits
Non-spill design	Ultimate protection from chemicals and fumes
Pressure-balanced	Failsafe disconnect, even under pressure; easy to reconnect at high pressure
Springless flow path design	Eliminates source of metallic contaminants

### Specifications

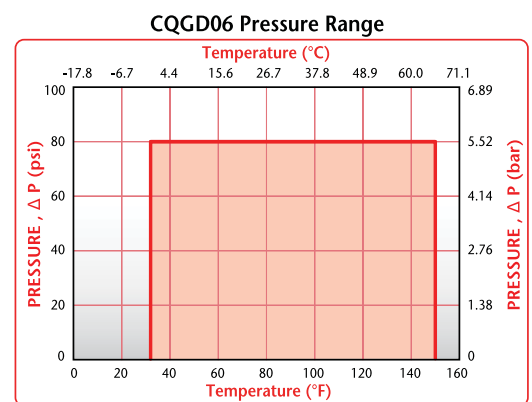
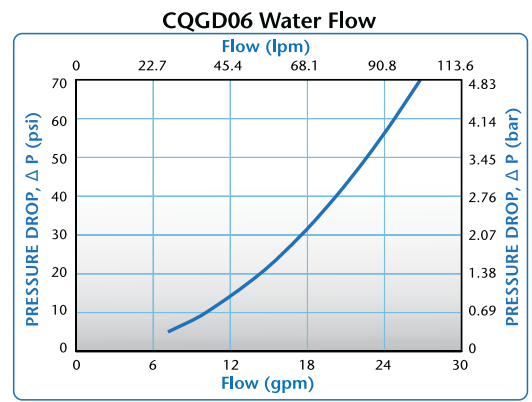
- Pressure:** 0 - 80 psig (0 - 5.5 bar)
- Temperature:** 32°F to 150°F (0°C to 66°C)
- Materials:**
  - Main components:** Natural, virgin polypropylene
  - Seals:** Viton® FKM (Simriz FFKM optional)
  - Springs (non-wetted):** Hastelloy® C
  - Flare nuts:** PVDF
  - Lubricants:** None used
- Dual Containment Nut and Panel Mount Fitting:** Virgin, natural polypropylene
- Flare nuts:** PVDF
- Panel nuts:** HDPE
- Panel mount o-rings:** Viton FKM

**Spillage/air inclusion:** <0.1 cc (ml)/disconnect (reconnect)

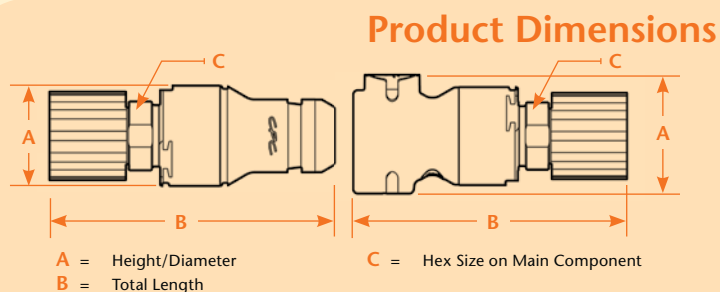
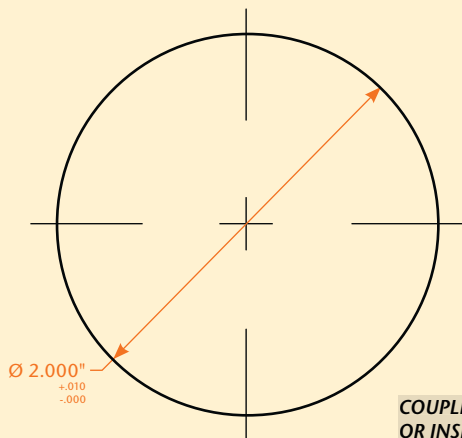
**Panel Mount:** Optional adapter kit

**Tubing Sizes:** 3/8" to 3/4" flare; 3/8" to 3/4" NPT

Visit [www.colder.com](http://www.colder.com) for information about CQH and CQV modified product options.



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.



COUPLING BODIES OR INSERTS	PANEL OPENING	MAX. PANEL THICKNESS	MIN. PANEL THICKNESS
	see drawing	.50	.12

## Coupling Bodies

### POLYPROPYLENE

TERMINATION	TUBING/THREAD SIZE	TERMINATION TYPE	SHUTOFF	A	B	C
IN-LINE BODIES	3/8" OD	Flare compression	CQGD06100106	1.96	4.21	
	1/2" OD	Flare compression	CQGD06100108	1.96	4.42	
	3/4" OD	Flare compression	CQGD06100112	1.96	4.49	
	1/2" Taper	Male NPT	CQGD06100208	1.96	3.81	1.00



## Coupling Inserts

### POLYPROPYLENE

TERMINATION	TUBING/THREAD SIZE	TERMINATION TYPE	SHUTOFF	A	B	C
IN-LINE INSERTS	3/8" OD	Flare compression	CQGD06200106	1.62	4.35	
	1/2" OD	Flare compression	CQGD06200108	1.62	4.45	
	3/4" OD	Flare compression	CQGD06200112	1.62	4.63	
	3/8" Taper	Male NPT	CQGD06200206‡	1.62	3.81	1.00
	1/2" Taper	Male NPT	CQGD06200208	1.62	3.95	1.00
	3/4" Taper	Male NPT	CQGD06200212‡	1.62	4.15	1.00



All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters.

## Panel Mount Adaptor

### POLYETHYLENE

DESCRIPTION	PART NO.
Panel mount adaptor kit (fits both bodies & inserts)	CQG06PMKIT01



The ChemQuik® Dual Containment System is an easy way to "double contain" critical chemical lines, protecting plant and personnel in case a primary process line ruptures or "sweats". The system provides a protective secondary line to catch any fluid and routes it to a safe location.

These fittings work with any ChemQuik coupling with fine thread flare terminations or a common flare style fitting. In addition, the panel mount version can be mounted into a pump cabinet or other panel mount connection point. The primary line can then be routed from the coupling directly to a pump, connected to a ChemQuik coupling or to a fitting at the panel mount fitting.

The "weep port" serves to vent the area between the primary and secondary lines so that pressure cannot build up in case of a primary line rupture. The leaking fluid can then be routed to a containment vessel or to a leak detector.

## ChemQuik® Dual Containment Flare Nuts



### POLYPROPYLENE

FLARE NUT	DESCRIPTION	FLARE FITTING	DESCRIPTION
CQDCNUT0408	Dual containment nut, 1/4" OD process line x 1/2" OD secondary containment line.	CQPMDCNUT0408	Panel mount dual containment nut, 1/4" OD Process line x 1/2" OD secondary containment line.
CQDCNUT0612	Dual containment nut, 3/8" OD process line x 3/4" OD secondary containment line.	CQPMDCNUT0612	Panel mount dual containment nut, 3/8" OD Process line x 3/4" OD secondary containment line.
CQDCNUT0812	Dual containment nut, 1/2" OD process line x 3/4" OD secondary containment line.	CQPMDCNUT0812	Panel mount dual containment nut, 1/2" OD Process line x 3/4" OD secondary containment line.
CQDCNUT1216	Dual containment nut, 3/4" OD process line x 1" OD secondary containment line.	CQPMDCNUT1216	Panel mount dual containment nut, 3/4" OD Process line x 1" OD secondary containment line.