DRUMQUIK® PUR

DISPENSING SYSTEM FOR PROFESSIONAL, HIGH PURITY CHEMICAL MANAGEMENT



APPLICATIONS:

- Acids, caustics and solvent delivery
- Pharmaceutical chemical handling
- Semiconductor wet process
- Flat panel production
- Photovoltaic cell manufacturing
- Laboratory chemical handling

DrumQuik® PUR is an easy-to-use product for extracting high purity chemicals from rigid containers (jerry cans, drums and IBCs) using common pumps within a closed-system design.The integrated flare outlet fitting allows easy connections to chemically resistant tubing such as PFA or FEP. The system minimizes chemical exposure and promotes employee and environmental safety. DrumQuik PUR is ideally suited to cost-sensitive one-way/single-use applications and can be disposed of, recycled along with the container or reused with a new container. DrumQuik PUR products are manufactured in a cleanroom and double bagged to maintain purity until ready for use.

FEATURES	BENEFITS
Quick connect/disconnect	Allows faster drum change-outs
All plastic construction	No metallic corrosion/contamination
Automatic shutoff valve	Stops flow when disconnected
Cleanroom manufactured	Assures high level of purity
Disposable drum insert	Minimizes chemical exposure & contamination

SPECIFICATIONS

PRESSURE:

Uncoupled: Vacuum to 45 psig, 3.1 bar
Coupled: Vacuum to 22 psig (1.5 bar)

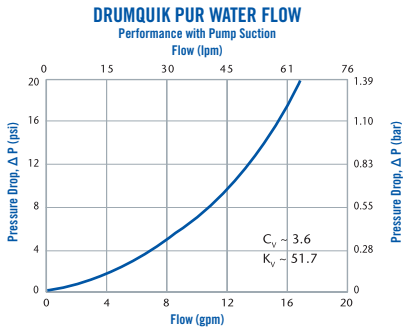
TEMPERATURE:

Drum insert: -20°F to 120°F (-20°C to 49°C)
Coupler: 0°F to 120°F (-18°C to 49°C)

MATERIALS:

Drum insert & dip-tube:
Virgin polyethylene (HDPE)
Shipping plug: Virgin polyethylene (HDPE)
Coupler: Virgin PVDF (DrumQuik PUR)
Spring (coupler only):
Virgin PEEK UHP (PPS or Teflon® encapsulated 316 stainless steel optional)
Seals: Coupler seals: FKM (Simriz® UHP FFKM Perfluoroelastomer optional) Bung seal: Polyolefin, (POE) (EPDM or FKM optional) Shipping plug seal: EPDM (FKM optional)
Torque specifications:
2" Buttress - 20ft-lbs (27 N-m)
Shipping plug - hand tight

NOTE: The torque specifications listed above are general recommendations which may need to be adjusted + or – depending on specific application.



This graph characterizes the flow of the DrumQuik PRO with the coupler vent port open to the atmosphere and a pump drawing liquid out.

SCAN

cpcworldwide.com/DrumQuikPUR

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COUPLERS - PVDF

PART NUMBER	DESCRIPTION
DQPUR120112	3/4" flare liquid port

DRUM INSERTS - HDPE

PART NUMBER	DESCRIPTION
DQPRO202BUT	2" American buttress thread

Note : See extended product range material options below

DIP TUBES - HDPE

PART NUMBER	DESCRIPTION
DQPRODT0410	13.0" (330 mm) long for 5 gal/25L jerry cans
DQPRODT0985	35.5" (905 mm) long for 55 gal/200L drums
DQPRODT1070	39.0" (990 mm) long for 275 gal/1040L IBCs
DQPRODT1274	47.0" (1194 mm) long for 330 gal/1250L IBCs

Note : The length indicated in the part number is the length as measured from the sealing surface of the container to the end of the dip-tube. This is ~80 mm longer than the actual length of the dip-tube itself.

ASSEMBLED DRUM INSERTS & DIP-TUBES

PART NUMBER	DESCRIPTION
DQPUR2BUT0410	Drum insert assembly, NAMPAC square jerry can, 20L, 330 mm long
DQPUR2BUT0985	Drum insert assembly with universal dip-tube (drum), 905 mm long
DQPUR2BUT1274	Drum insert assembly with universal dip-tube (IBC), 1194 mm long

Note : Drum insert and dip-tube have been assembled in a cleanroom. The length indicated in the part number is the length as measured from the sealing surface of the container to the end of the dip-tube. This is ~ 80 mm longer than the actual length of the dip-tube itself.

OPTIONAL SEAL AND SPRING MATERIALS

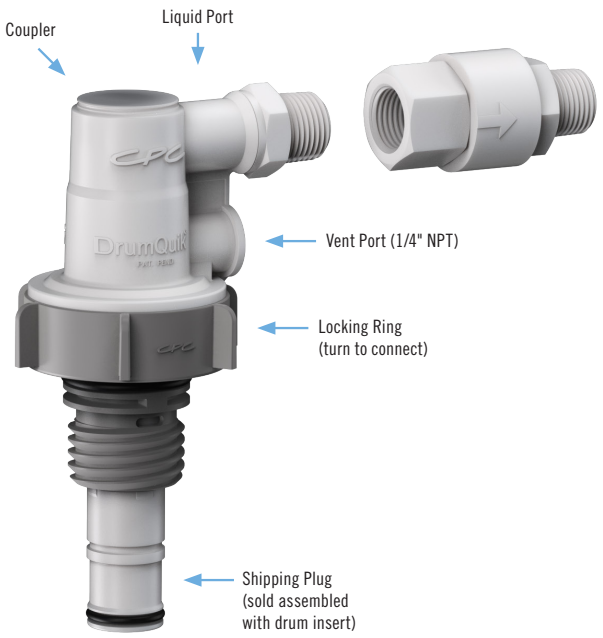
DRUM INSERT	DESCRIPTION
202	Polyolefin (POE bung seal, FKM shipping plug seal)

COUPLER P/N SUFFIX	DESCRIPTION
203	Simriz® FFKM liquid contact seals, FKM vent seal, PEEK plastic spring
208	FKM liquid contact seals, FKM vent seal, PS plastic spring
209	Simriz® FFKM liquid contact seals, FKM vent seal, PPS plastic spring
210	FKM liquid contact seals, FKM vent seal, Teflon encapsulated 316 stainless steel spring
211	Simriz® FFKM liquid contact seals, FKM vent seal, Teflon encapsulated 316 stainless steel spring

ADDITIONAL SYSTEM COMPONENTS

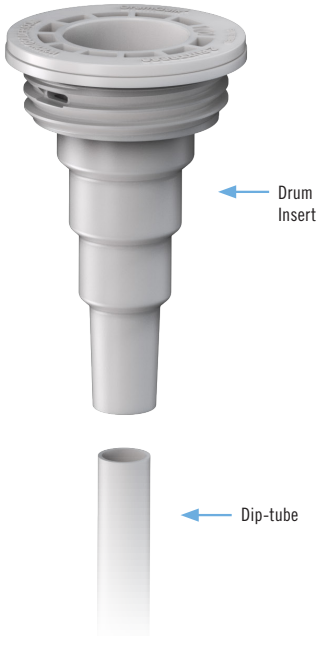
- Vent Check Valve
- Vent Check Fittings
- Backflow Check Valve
- Color Coding
- Keying Options
- Liquid Port Fittings

DRUMQUIK® PUR SYSTEM





For color coding, keying and sample kit options — see main catalog.



Visit us at www.cpcworldwide.com or call 651-645-0091 to get a free catalog CD or to find your local distributor.

WARRANTY: All sales are subject to the Colder Products Company® limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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