

Engineering Specification

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____
 SKU _____

ReliaGuard® with Standard Snap Quick-Disconnect Assemblies

Sizes: 1/2" to 1"

The ReliaGuard® with Standard Snap™ Quick-Disconnect Assembly is a moveable-grade, braided, gray PVC-coated, 304 stainless steel commercial gas connector designed for use with moveable equipment and caster-mounted equipment that is moved on a regular basis for cleaning and repair. The quick disconnect allows for easy connection and disconnection of the gas hose to the appliance to allow for maximum appliance movement.

Moveable equipment is defined in ANSI Standard Z21.69/CSA 6.16 as gas utilization equipment that may be mounted on casters or otherwise be subject to movement.

Features

Standard Snap Quick-Disconnect

Quick-Disconnect Brass body, aluminum collar

Additional Components

Restraining Device PVC coated, steel multi-strand cable and mounting hardware

Valve Full port, brass body

Elbow Malleable iron

Kits Include ReliaGuard gas hose, Standard Snap QD, full port ball valve, restraining device and 90 degree street elbows

Specifications

The ReliaGuard®

Tubing Annealed, corrugated 304 stainless steel

Braiding Multi-strand, stainless steel wire

Coating Gray PVC, melts at 350°F (177°C);
coating will not hold a flame

End Fittings Carbon steel; zinc trivalent chromate
360° rotational end fitting at both ends

Approvals & Certifications

ANSI Z21.69 / CSA 6.16 – Connectors for moveable gas appliances



ANSI Z21.41 / CSA 6.9 – Quick-disconnect devices for use with gas fuel appliances

ANSI Z21.15 / CSA 9.1 – Manually operated gas valves for appliances, appliance connectors

Meets requirements of ANSI Z223.1 / NFPA 54 National Fuel Gas Code

Not for use in temperatures less than 32°F (0°C). For indoor use only.

Max operating pressure 1/2 psi.

Refer to the catalog for additional approvals and certifications or go to www.dormont.com.

A restraining device is required for all moveable gas equipment.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Standard Snap™
Quick-Disconnect



Rotational End
Fittings Reduces
Stress at Both
Ends of the Hose

ReliaGuard®
Stainless Steel Construction
Stainless Steel Braid
Gray PVC Coating

(Cutaway shown)



Rotational End
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Dormont®
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ReliaGuard with Standard Snap Quick-Disconnect Kit Options

Ordering Information

		LENGTH		
Configuration	Size I.D.	36" (914mm)	48" (1,219mm)	60" (1,524mm)
Standard Snap Kit*	½"	RG5036	RG5048	RG5060
Standard Snap Kit*	¾"	RG7536	RG7548	RG7560
Standard Snap Kit*	1"	RG10036	RG10048	RG10060

BTU/hr Flow Capacity Natural Gas (Flow rating BTU/hr 0.64 SP. GR. @ 0.5 inch WC pressure drop)

		LENGTH		
Model	Size I.D.	36" (914mm)	48" (1,219mm)	60" (1,524mm)
RG50BP	½"	77,000	68,000	60,000
RG75BP	¾"	218,000	180,000	158,000
RG100BP	1"	379,000	334,000	294,000

* **Kits include:** ReliaGuard gas hose, Standard Snap QD, full port ball valve, restraining device and 90 degree street elbows

Typical Installation



ReliaGuard

ReliaGuard is a commercial, moveable-grade gas connector designed for use with moveable equipment.

Moveable equipment is defined in ANSI Standard Z21.69/ CSA 6.16 as gas utilization equipment that may be mounted on casters or otherwise be subject to movement.



Standard Snap

- Quick-disconnect fitting



Restraining Device

- ANSI Z21.69 Standard section 1.7.4 states: Connectors when used on caster-mounted equipment shall be installed with a restraining device, which prevents transmission of the strain to the connector



We guarantee our commercial gas connectors for 5 years of the original appliance to which it is connected.

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