

# Engineering Specification

Job Name _____	Contractor _____
Job Location _____	Approval _____
Engineer _____	Contractor's P.O. No. _____
Approval _____	Representative _____
	SKU _____

## Double Swivel MAX® Safety Quik® Quick-Disconnect Valve Assemblies

Sizes: 1/2" to 1"

Double Swivel MAX/Safety Quik Quick-Disconnect Valve Assemblies combine flexible movement and one-handed Quick-Disconnect functionality with a unique safety shut-off. By preventing users from accidentally turning on the gas while the appliance is not connected to the supply line, the Double Swivel MAX/Safety Quik Assemblies protect your employees and your business. 360° movement of Swivel MAX at both ends of the assemblies allows appliances to safely be positioned closer to the wall – increasing your kitchen aisle space and prolonging the life of your connectors.

### Features

#### Swivel MAX®

- Multi-plane Fitting ..... Aluminum body, plated steel fitting
- Movement ..... 360° rotational end fitting

#### Safety Quik® Quick-Disconnect Valve

- Quick-Disconnect ..... Flat face, push-to-connect; brass body
- Protection Valve ..... Full port brass ball valve
- Thermal Shut-off ..... Shuts off gas flow within a temperature range of 250°F - 300°F (121°C - 149°C)

### Specifications

#### The Dormont Blue Hose™

- Tubing ..... Annealed, 304 stainless steel
- Braiding ..... Multi-strand, stainless steel wire
- Coating ..... Blue antimicrobial PVC, melts at 350°F (177°C)  
coating will not hold a flame
- End Fittings ..... Carbon steel; zinc trivalent chromate
- Stress Guard® ..... 360° rotational end fitting at both ends

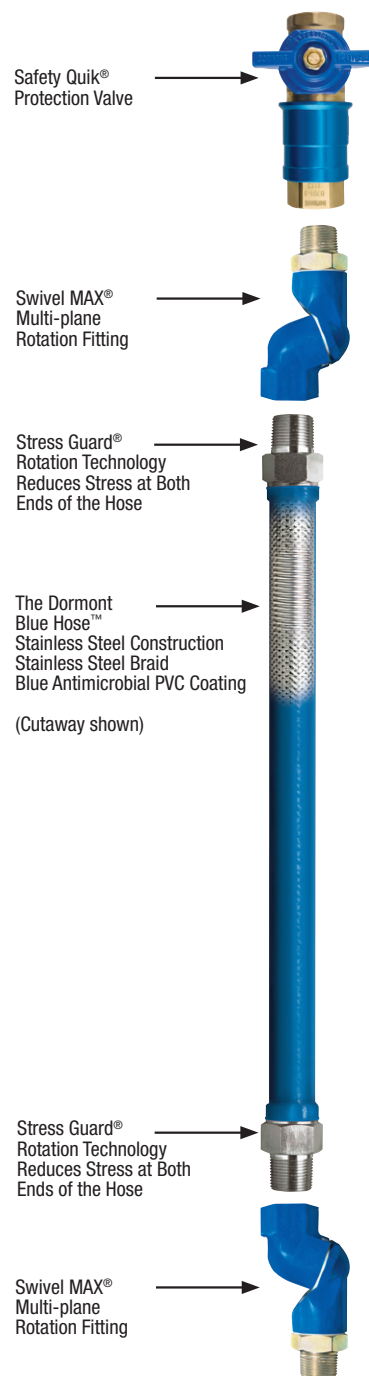
#### Additional Components

- Restraining Device ..... PVC-coated, steel multi-strand cable and mounting hardware
- Elbow ..... Malleable iron

**Safety System™** The Dormont Safety System™ is the first and only complete gas equipment connection system specifically engineered for the commercial kitchen. The Safety System consists of the famous Dormont Blue Hose and a variety of accessories designed for improved safety and performance in commercial kitchens. Because they are manufactured in the USA under an ISO qualified production process and to multiple design certifications, you can Connect with Confidence with the Dormont Safety System.

### 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.



Dormont product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Dormont Technical Service. Dormont reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Dormont products previously or subsequently sold. Refer to the owner's manual for warranty information.

## Approvals & Certifications

NSF/ANSI 169 – Special purpose food equipment and devices



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

UL 567 – Pipe connections for flammable and combustible liquids and LP gas

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

ANSI Z21.90/CSA 6.24 – Gas convenience outlets

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

Not for use in temperatures less than 32° (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](http://www.dormont.com).

**A restraining device is required for all moveable gas equipment.**

## Double Swivel MAX® with Safety Quik® Quick-Disconnect Valve Deluxe Kit Assembly

### Ordering Information

CONFIGURATION	SIZE I.D.	LENGTH				
		24" (607MM)	36" (914MM)	48" (1,219MM)	60" (1,524MM)	72" (1,829MM)
Deluxe Kit*	½"	1650KITCF2S24	1650KITCF2S36	1650KITCF2S48	1650KITCF2S60	1650KITCF2S72
Hose Assembly**		1650BPCF2S24	1650BPCF2S36	1650BPCF2S48	1650BPCF2S60	1650BPCF2S72
Deluxe Kit*	¾"	1675KITCF2S24	1675KITCF2S36	1675KITCF2S48	1675KITCF2S60	1675KITCF2S72
Hose Assembly**		1675BPCF2S24	1675BPCF2S36	1675BPCF2S48	1675BPCF2S60	1675BPCF2S72
Deluxe Kit*	1"	16100KITCF2S24	16100KITCF2S36	16100KITCF2S48	16100KITCF2S60	16100KITCF2S72
Hose Assembly**		16100BPCF2S24	16100BPCF2S36	16100BPCF2S48	16100BPCF2S60	16100BPCF2S72

### BTU/hr Flow Capacity Natural Gas

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

MODEL	SIZE I.D.	LENGTH				
		24" (607MM)	36" (914MM)	48" (1,219MM)	60" (1,524MM)	72" (1,829MM)
1650BPCF2S	½"	77,000	69,000	60,000	54,000	48,000
1675BPCF2S	¾"	205,000	193,000	160,000	140,000	124,000
16100BPCF2S	1"	366,000	336,000	295,000	261,000	247,000

**\*Deluxe Kits include:** The Dormont Blue Hose, Double Swivel MAX, Safety Quik, restraining device

**\*\*Hose Assembly include:** The Dormont Blue Hose, Double Swivel Max, Safety Quik

## Typical Installation



## Options

### The Dormont Blue Hose®

The Dormont Blue Hose 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.



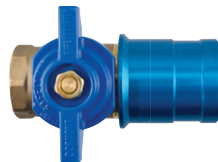
### SwivelMAX

- Reduces stress on connector
- Increases kitchen aisle space by allowing connector to be positioned closer to the wall)



### Safety Quik

- Prevents user from turning on gas while appliance is disconnected
- Thermal shutoff within a temperature range of 250°F - 300°F (121°C - 149°C)



### 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



### Safety-Set®

#### Benefits

- Can be used with all caster-mounted equipment including cooking appliances, warming carts, salad bars, and refrigerators
- Crush Resistant
- Resistant to oils and greases
- Open-floor design allows appliance to rest level on the floor to ensure even cooking



#### Features

- Compatible with 4", 5", and 6" casters
- Certified to NSF/ANSI Standard 169 – Special Purpose Food Equipment & Devices
- Flexible, tough injection molded Thermoplastic Polyurethane (TPU)
- Able to withstand 1,000 PSI of crush pressure

#### Ordering Instructions:

The Safety-Set wheel positioning product can be ordered individually or with the Blue Hose Kit.

The Safety-Set model name is "PS" and the ordering number is 0241002.

When ordering the Safety-Set with the Blue Hose kit, simply add the letters "PS" to the end of the model number.



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

# Dormont®

A WATTS Brand

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