Engineering Specification

Job Name _____
Job Location _____
Engineer _____
Approval _____

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

SnapFast® Quick-Disconnect Assemblies

Sizes: ½" to 1¼"

SnapFast Quick-Disconnect Assemblies feature flexible movement and the one-handed quick-disconnect fitting with a unique thermal shut-off design that automatically shuts off the gas when the internal temperature exceeds 350°F (177°C).



Features

SnapFast® One-Handed Quick-Disconnect

Quick-Disconnect	Brass body, aluminum collar
Thermal Shut-off	Shuts off gas when internal temperatures exceed 350°F (177ºC)

Additional Components

Restraining Device	PVC coated, steel multi-strand cable and mounting hardware
Valve	Full port, brass body
Elbow	Malleable iron
*Deluxe Kits Include	The Dormont Blue Hose, valve, restraining device, elbows, SnapFast, display box

Specifications

The Dormont Blue Hose®

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

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.

Dormont® A WATTS Brand

Approvals & Certifications

NSF/ANSI 169 – Special-purpose food equipment and devices
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.

SnapFast® Quick-Disconnect Deluxe Kit Assembly

Ordering Information

CONFIGURATION	SIZE I.D.	24" (607MM)	36" (914MM)	48" (1,219MM)	60" (1,524MM)	72" (1,829MM)
Deluxe Kit*	½"	1650KIT24	1650KIT36	1650KIT48	1650KIT60	1650KIT72
Basic Kit**		1650BPQR24	1650BPQR36	1650BPQR48	1650BPQR60	1650BPQR72
Hose Assembly***		1650BPQ24	1650BPQ36	1650BPQ48	1650BPQ60	1650BPQ72
Deluxe Kit*	¾"	1675KIT24	1675KIT36	1675KIT48	1675KIT60	1675KIT72
Basic Kit**		1675BPQR24	1675BPQR36	1675BPQR48	1675BPQR60	1675BPQR72
Hose Assembly***		1675BPQ24	1675BPQ36	1675BPQ48	1675BPQ60	1675BPQ72
Deluxe Kit*	1"	16100KIT24	16100KIT36	16100KIT48	16100KIT60	16100KIT72
Basic Kit**		16100BPQR24	16100BPQR36	16100BPQR48	16100BPQR60	16100BPQR72
Hose Assembly***		16100BPQ24	16100BPQ36	16100BPQ48	16100BPQ60	16100BPQ72
Deluxe Kit*	1¼"	16125KIT24	16125KIT36	16125KIT48	16125KIT60	16125KIT72
Basic Kit**		16125BPQR24	16125BPQR36	16125BPQR48	16125BPQR60	16125BPQR72
Hose Assembly***		16125BPQ24	16125BPQ36	16125BPQ48	16125BPQ60	16125BPQ72

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.	24" (607MM)	36" (914MM)	48" (1,219MM)	60" (1,524MM)	72" (1,829MM)
1650BPQ	½"	87,000	77,000	68,000	60,000	55,000
1675BPQ	¾"	232,000	218,000	180,000	158,000	139,000
16100BPQ	1"	414,000	379,000	334,000	294,000	279,000
16125BPQ	1¼"	699,000	615,000	541,000	476,000	419,000

*** Deluxe Kits include:** The Dormont Blue Hose and restraining device, full port valve and (2) street elbows
****Basic Kits include:** The Dormont Blue Hose and restraining device, street elbow and SnapFast
*****Hose Assemblies include:** The Dormont Blue Hose, SnapFast and street elbow

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.

SnapFast



- One-handed quick-disconnect fitting
- Thermal shut-off when internal temperature exceeds 350°F (177°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 Saftey-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®

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