

# SELECTING A GAS CONNECTOR SYSTEM

## How to Select a Blue Hose® Gas Connector Gas Connector

**1 Determine BTU/hr required** for your gas equipment connection.

**2 Identify and consider your connection requirements.** Remember that most minimum code requirements specify a shutoff valve, compliant connector, and a restraining device. Every Dormont Gas Connector kit includes the code-compliant Blue Hose® gas connector, quick disconnect, shutoff valve, restraining cable, and necessary fittings.

Other factors to consider that may require additional acces-

sories include the location of the manifold relative to the appliance inlet, proximity of appliances to walls, frequency of cleaning behind gas equipment, and staff experience levels. Blue Hose Gas Connector kits and accessories are uniquely designed to address these and other factors.

**Examples of how accessories can meet other needs:**

- A Swivel MAX® fitting provides more connector flexibility in tight areas and less stress on the hose when moving the appliance.



- Positioning systems like Safety-Set® meet codes pertaining to fire suppression systems in kitchens.

- The enhanced safety features of the Safety Quik® protection valve are beneficial in kitchens where staff experience is low.

**3 Specify the diameter of the gas connector and accessories—and the length you need.** The diameter is typically the first set of numbers in your ordering code—and the length is typically the last two numbers. See chart below.

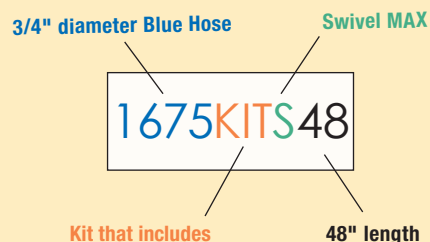
PART NUMBER EXPLANATIONS	
1650	1/2" dia. Blue Hose
1675	3/4" dia. Blue Hose
16100	1" dia. Blue Hose
16125	1-1/4" dia. Blue Hose
KIT	Kits listed on pages 6-9 show components included.
CF	Safety Quik Quick-Disconnect Valve
B	Standard Snap™ Two-Handed Quick Disconnect
S	Swivel MAX
2S	Double Swivel MAX
24	24" Connector Length
36	36" Length
48	48" Length
60	60" Length
72	72" Length
PS	Placement System (Safety-Set)
SNG	Snap'N Go® Blue Hose Hose Holstering System

The **Part Number Explanations chart** at the left will help you understand the ordering code for Dormont gas connector systems and components.

**Gas connectors are commonly ordered as kits**, which Dormont engineers have configured over the years as solutions for typical or most common kitchen applications. On the following pages, you can identify the kit configuration you need to meet your gas flow, size and need requirements.

**NOTE:** Gas Connectors are not for use in temperatures lower than 32°F (0° C) and are for indoor use only.

This ordering code example – 1675KITS48 – is one of the most commonly ordered systems from Dormont. It refers to a Gas Connector kit that includes a 3/4" dia., 48" long Blue Hose, SnapFast disconnect, restraining device, elbows, full port valve, and Swivel MAX. To include Safety-Set, add PS to the end of the kit part number.



*If you need assistance or additional information to help place your order, please do not hesitate to call Dormont Customer Service — 800-367-6668.*

# BLUE HOSE GAS CONNECTOR KITS




## Dormont Blue Hose® Gas Connector Kits with SnapFast®

Dormont's Blue Hose® Gas Connector kits include all the components you need for a code-compliant gas installation that meets national and international moveable equipment standards.

Blue Hose Gas Connectors feature Stress-Guard® rotational fittings, stainless steel corrugated tubing, stainless steel braid, and an antimicrobial PVC coating. These features give the Blue Hose exceptional characteristics pertaining to safety, performance, durability, and cleanliness.

**SnapFast®**, Dormont's exclusive one-handed quick-disconnect, makes connecting and disconnecting moveable equipment safe and easy.

- Installs easily by attaching the SnapFast nipple to the appliance inlet, and the coupler end to the Blue Hose.
- Disconnects the gas flow when you pull back the operating ring of the SnapFast coupler with just one hand.
- Reconnects easily when you push the Snapfast coupler into the nipple end.
- Includes thermal shutoff design that automatically shuts off the gas when the internal temperature exceeds 350°F (177°C).



BTU/hr*	Dia.	SnapFast	
125k	1/2"	A50	✓
255k	3/4"	A75	✓
440k	1"	A100	✓
600k	1-1/4"	A125	✓

In addition to selecting a Gas Connector kit, you can also purchase Blue Hose connectors or SnapFast fittings separately.

\* Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft3 Natural Gas at 0.5" wc pressure drop)

**NOTES:**

1. 3/4" x 48" kits are available for Quick Ship 24. See Page 23.
2. To include Safety-Set (See Page 10), add PS to the end of the kit part number.
3. SnapFast is not for use in temperatures lower than 32°F (0°C) and is for indoor use only.
4. Engineering Sheets with product specifications and technical information for Gas Connector Blue Hose connectors and accessories can be accessed on [dormont.com](http://dormont.com)

\* Indicates 3/4" Blue Hose Gas Connector Kits that include a Snap'N Go® Blue Hose Holstering System.



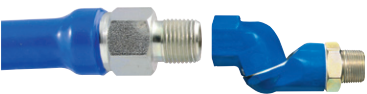
BTU/hr†	ID	PART #	Blue Hose	Snap-Fast	Valve & Elbows	Restraining Device
<b>Blue Hose® Gas Connector Kits</b>						
55k	1/2"	1650KIT72	✓	✓	✓	✓
60k	1/2"	1650KIT60	✓	✓	✓	✓
68k	1/2"	1650KIT48	✓	✓	✓	✓
77k	1/2"	1650KIT36	✓	✓	✓	✓
87k	1/2"	1650KIT24	✓	✓	✓	✓
139k	3/4"	1675KIT72*	✓	✓	✓	✓
158k	3/4"	1675KIT60*	✓	✓	✓	✓
180k	3/4"	1675KIT48*	✓	✓	✓	✓
218k	3/4"	1675KIT36*	✓	✓	✓	✓
232k	3/4"	1675KIT24*	✓	✓	✓	✓
279k	1"	16100KIT72	✓	✓	✓	✓
294k	1"	16100KIT60	✓	✓	✓	✓
334k	1"	16100KIT48	✓	✓	✓	✓
379k	1"	16100KIT36	✓	✓	✓	✓
414k	1"	16100KIT24	✓	✓	✓	✓
419k	1-1/4"	16125KIT72	✓	✓	✓	✓
476k	1-1/4"	16125KIT60	✓	✓	✓	✓
541k	1-1/4"	16125KIT48	✓	✓	✓	✓
615k	1-1/4"	16125KIT36	✓	✓	✓	✓
699k	1-1/4"	16125KIT24	✓	✓	✓	✓

## Dormont Blue Hose (Connector only)

87k	1/2"	1650BP72	✓			
93k	1/2"	1650BP60	✓			
106k	1/2"	1650BP48	✓			
120k	1/2"	1650BP36	✓			
150k	1/2"	1650BP24	✓			
175k	3/4"	1675BP72	✓			
198k	3/4"	1675BP60	✓			
225k	3/4"	1675BP48	✓			
256k	3/4"	1675BP36	✓			
291k	3/4"	1675BP24	✓			
350k	1"	16100BP72	✓			
397k	1"	16100BP60	✓			
451k	1"	16100BP48	✓			
512k	1"	16100BP36	✓			
582k	1"	16100BP24	✓			
645k	1-1/4"	16125BP72	✓			
733k	1-1/4"	16125BP60	✓			
833k	1-1/4"	16125BP48	✓			
946k	1-1/4"	16125BP36	✓			
1075k	1-1/4"	16125BP24	✓			

† Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft3 Natural Gas at 0.5" wc pressure drop)

# BLUE HOSE GAS CONNECTOR KITS



## Dormont Blue Hose Gas Connector Kits with Swivel MAX®

**The Dormont Swivel MAX®** is a 360° multi-plane rotational device that significantly increases range of motion of gas connectors and caster-mounted appliances.

- Provides full 360° range of motion.
- Reduces stress on gas connectors.
- Expands aisle space because gas equipment can be moved closer to walls.
- Can be used on one or both ends of gas connector.
- Replaces rigid street elbows in most installations.
- Can be purchased as part of kits or separately as add-on.



### Blue Hose Gas Connector Kits with Swivel MAX

BTU/hr†	ID	PART #	Blue Hose®	Snap-Fast®	Safety Quik®	Valve & Elbow	Full Port Valve	Restraining Device	Swivel MAX®	Swivel MAX (2)
51k	1/2"	1650KITS72	✓	✓		✓		✓	✓	
56k	1/2"	1650KITS60	✓	✓		✓		✓	✓	
63k	1/2"	1650KITS48	✓	✓		✓		✓	✓	
72k	1/2"	1650KITS36	✓	✓		✓		✓	✓	
81k	1/2"	1650KITS24	✓	✓		✓		✓	✓	
130k	3/4"	1675KITS72*	✓	✓		✓		✓	✓	
147k	3/4"	1675KITS60*	✓	✓		✓		✓	✓	
167k	3/4"	1675KITS48*	✓	✓		✓		✓	✓	
203k	3/4"	1675KITS36*	✓	✓		✓		✓	✓	
216k	3/4"	1675KITS24*	✓	✓		✓		✓	✓	
260k	1"	16100KITS72	✓	✓		✓		✓	✓	
274k	1"	16100KITS60	✓	✓		✓		✓	✓	
310k	1"	16100KITS48	✓	✓		✓		✓	✓	
353k	1"	16100KITS36	✓	✓		✓		✓	✓	
385k	1"	16100KITS24	✓	✓		✓		✓	✓	
460k	1-1/4"	16125KITS72	✓	✓		✓		✓	✓	
463k	1-1/4"	16125KITS60	✓	✓		✓		✓	✓	
482k	1-1/4"	16125KITS48	✓	✓		✓		✓	✓	
491k	1-1/4"	16125KITS36	✓	✓		✓		✓	✓	
535k	1-1/4"	16125KITS24	✓	✓		✓		✓	✓	

### Blue Hose Gas Connector Kits with Two Swivel MAX

48k	1/2"	1650KIT2S72	✓	✓			✓	✓		✓
54k	1/2"	1650KIT2S60	✓	✓			✓	✓		✓
60k	1/2"	1650KIT2S48	✓	✓			✓	✓		✓
69k	1/2"	1650KIT2S36	✓	✓			✓	✓		✓
77k	1/2"	1650KIT2S24	✓	✓			✓	✓		✓
124k	3/4"	1675KIT2S72*	✓	✓			✓	✓		✓
140k	3/4"	1675KIT2S60*	✓	✓			✓	✓		✓
160k	3/4"	1675KIT2S48*	✓	✓			✓	✓		✓
193k	3/4"	1675KIT2S36*	✓	✓			✓	✓		✓
205k	3/4"	1675KIT2S24*	✓	✓			✓	✓		✓
247k	1"	16100KIT2S72	✓	✓			✓	✓		✓
261k	1"	16100KIT2S60	✓	✓			✓	✓		✓
295k	1"	16100KIT2S48	✓	✓			✓	✓		✓
336k	1"	16100KIT2S36	✓	✓			✓	✓		✓
366k	1"	16100KIT2S24	✓	✓			✓	✓		✓
440k	1-1/4"	16125KIT2S72	✓	✓			✓	✓		✓
441k	1-1/4"	16125KIT2S60	✓	✓			✓	✓		✓
449k	1-1/4"	16125KIT2S48	✓	✓			✓	✓		✓
461k	1-1/4"	16125KIT2S36	✓	✓			✓	✓		✓
472k	1-1/4"	16125KIT2S24	✓	✓			✓	✓		✓

BTU/hr*	Dia.	Swivel MAX®	
216k	1/2"	SM50	✓
276k	3/4"	SM75	✓
490k	1"	SM100	✓
912k	1-1/4"	SM125	✓

\* Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft<sup>3</sup> Natural Gas at 0.5" wc pressure drop)

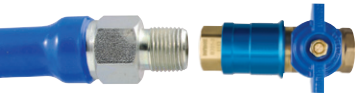
**NOTES:**

- 3/4" x 48" kits are available for Quick Ship 24. See Page 26.
- To include Safety-Set (See Page 10), add PS to the end of the kit part number.
- SnapFast and Swivel MAX are not for use in temperatures lower than 32°F (0°C) and are for indoor use only.
- Engineering Sheets with products specifications and technical information for Gas Connector Blue Hose connectors and accessories can be accessed on [dormont.com](http://dormont.com)

\* Indicates 3/4" Blue Hose Gas Connector Kits that include a Snap'N Go® Blue Hose Holstering System.

† Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft<sup>3</sup> Natural Gas at 0.5" wc pressure drop)

# BLUE HOSE GAS CONNECTOR KITS



## Dormont Blue Hose Gas Connector Kits with Safety Quik®

**Safety Quik®** is a truly unique device that does the work of both a quick-disconnect and a valve to meet the safety and operational needs of commercial kitchen professionals. It represents the ultimate in kitchen safety.

- Prevents gas connector from being disconnected until its valve is shut off.
- Will not allow valve to be opened until the connector is re-connected to Safety Quik.
- Includes internal thermal shutoff that shuts off gas flow within temperature range of 250° F to 300° F.
- Can be purchased as part of kits or as an add-on.
- Is available as part of special Safety Quik and Swivel MAX® kits.



BTU/hr†	Dia.	Safety Quik®	
250k	1/2"*	CF-50	✓
278k	3/4"	CF-75	✓
502k	1"	CF-100	✓

Safety Quik features a flat-face, push-to-connect design and brass body construction with a carbon steel safety sleeve. It incorporates a full port brass ball valve that is CSA-certified.

† Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft<sup>3</sup> Natural Gas at 0.6" wc pressure drop)

**NOTES:**

1. 3/4" x 48" kits are available for Quick Ship 24. (See Page 26)
2. To include Safety-Set (See Page 10), add PS to the end of the kit part number.
3. Safety Quik and Swivel MAX are not for use in temperatures lower than 32°F (0°C) and are for indoor use only.
4. Engineering Sheets with products specifications and technical information for Gas Connector Blue Hose connectors and accessories can be accessed on [dormont.com](http://dormont.com)
5. Safety Quik must always be installed at the gas supply end of the connector.



BTU/hr†	ID	PART #	Blue Hose®	Snap-Fast®	Safety Quik®	Elbow	Elbows (2)	Restraining Device	Swivel MAX®	Swivel MAX (2)
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### Blue Hose Gas Connectors with Safety Quik

55k	1/2"	1650KITCF72	✓		✓		✓	✓		
60k	1/2"	1650KITCF60	✓		✓		✓	✓		
68k	1/2"	1650KITCF48	✓		✓		✓	✓		
77k	1/2"	1650KITCF36	✓		✓		✓	✓		
87k	1/2"	1650KITCF24	✓		✓		✓	✓		
139k	3/4"	1675KITCF72	✓		✓		✓	✓		
158k	3/4"	1675KITCF60	✓		✓		✓	✓		
180k	3/4"	1675KITCF48	✓		✓		✓	✓		
218k	3/4"	1675KITCF36	✓		✓		✓	✓		
232k	3/4"	1675KITCF24	✓		✓		✓	✓		
279k	1"	16100KITCF72	✓		✓		✓	✓		
294k	1"	16100KITCF60	✓		✓		✓	✓		
334k	1"	16100KITCF48	✓		✓		✓	✓		
379k	1"	16100KITCF36	✓		✓		✓	✓		
414k	1"	16100KITCF24	✓		✓		✓	✓		

### Blue Hose Gas Connector Kits with Safety Quik & Swivel MAX

51k	1/2"	1650KITCFS72	✓		✓	✓		✓	✓	
56k	1/2"	1650KITCFS60	✓		✓	✓		✓	✓	
63k	1/2"	1650KITCFS48	✓		✓	✓		✓	✓	
72k	1/2"	1650KITCFS36	✓		✓	✓		✓	✓	
81k	1/2"	1650KITCFS24	✓		✓	✓		✓	✓	
130k	3/4"	1675KITCFS72	✓		✓	✓		✓	✓	
147k	3/4"	1675KITCFS60	✓		✓	✓		✓	✓	
167k	3/4"	1675KITCFS48	✓		✓	✓		✓	✓	
203k	3/4"	1675KITCFS36	✓		✓	✓		✓	✓	
216k	3/4"	1675KITCFS24	✓		✓	✓		✓	✓	
260k	1"	16100KITCFS72	✓		✓	✓		✓	✓	
274k	1"	16100KITCFS60	✓		✓	✓		✓	✓	
310k	1"	16100KITCFS48	✓		✓	✓		✓	✓	
353k	1"	16100KITCFS36	✓		✓	✓		✓	✓	
385k	1"	16100KITCFS24	✓		✓	✓		✓	✓	

† Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft<sup>3</sup> Natural Gas at 0.5" wc pressure drop)

# BLUE HOSE GAS CONNECTOR KITS



BTU/hr†	ID	PART #	Blue Hose®	Snap-Fast®	Safety Quik®	Elbow	Elbows (2)	Restraining Device	Swivel MAX	Swivel MAX (2)
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## Blue Hose Gas Connector Kits with Safety Quik & Two Swivel MAX

48k	1/2"	1650KITCF2S72	√		√			√		√
54k	1/2"	1650KITCF2S60	√		√			√		√
60k	1/2"	1650KITCF2S48	√		√			√		√
69k	1/2"	1650KITCF2S36	√		√			√		√
77k	1/2"	1650KITCF2S24	√		√			√		√
124k	3/4"	1675KITCF2S72	√		√			√		√
140k	3/4"	1675KITCF2S60	√		√			√		√
160k	3/4"	1675KITCF2S48	√		√			√		√
193k	3/4"	1675KITCF2S36	√		√			√		√
205k	3/4"	1675KITCF2S24	√		√			√		√
247k	1"	16100KITCF2S72	√		√			√		√
261k	1"	16100KITCF2S60	√		√			√		√
295k	1"	16100KITCF2S48	√		√			√		√
336k	1"	16100KITCF2S36	√		√			√		√
366k	1"	16100KITCF2S24	√		√			√		√

**NOTES:**

1. Safety Quik must always be installed at the gas supply end of the connector.
2. 3/4" x 48" kits are available for Quick Ship 24. (See Page 26)
3. To include Safety-Set (See Page 10), add PS to the end of the kit part number.
4. Safety Quik and Swivel MAX are not for use in temperatures lower than 32°F (0°C) and are for indoor use only.
5. Engineering Sheets with products specifications and technical information for Gas Connector Blue Hose connectors and accessories can be accessed on [dormont.com](http://dormont.com)

† Minimum Flow Capacity (0.64 Sp. Gr., 1000 BTU/ft3 Natural Gas at 0.5" wc pressure drop)

