

## For Residential and Commercial Applications

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_  
 SKU \_\_\_\_\_

# LV Black Coated Gas Connectors

Specifically engineered for high-temperature applications such as gas logs, fireplace inserts, and freestanding fireplaces

Features a low-visibility coating that hides the connector from view

## Features and Specifications

- Tubing Annealed, 304 stainless steel (ASTM A240)
- Black coating. Maximum temperature rating: 350°F
- Flare Nuts: Steel with black plating
- Flare Adapters: Steel with Black Plating
- Approved for indoor/outdoor use with stationary gas appliances/equipment.
- 100% factory leak tested
- When installing a new appliance or when an existing appliance is moved to a new location a NEW gas connector must be used per manufacturer's installation instructions and product standards.
- Designed for occasional movement after installation. Repeated bending, flexing or extreme vibration must be avoided. Normal operation of a clothes dryer, rooftop HVAC unit or SIMILAR OUTDOOR APPLIANCE DOES NOT constitute extreme vibration or movement.

## Certifications and Approvals

- ANSI Z21.24/CSA 6.10 – Connectors for Gas Appliances
- ANSI Z21.75/CSA 6.27 – Connectors for Outdoor Appliances and Manufactured Homes
- City of New York – MEA #376-92-M
- Approved by the Commonwealth of Massachusetts Board of State Examiners of Plumbers and Gas Fitters – connector length may not exceed 48"



## Applications

- Gas logs
- Fireplace inserts
- Free-standing fireplace
- Wall heaters

Black adapters and flare nuts further reduce visibility of connector

Durable connector is made of heavy-duty 304 stainless steel

Hi-temperature black polymer coating hides the connector from view while withstanding up to 350° F

Exclusive No-Neck Design: Increase Tubing Flexibility



10A and 20A Series



### WARNING

All installations must completely comply with all Dormont manufacturing company warnings and instructions, national, state and local codes and all applicable ansi standards.

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.

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## Minimum Flow Capacity

(Connector Minimum Flow Capacity – **For Natural Gas** (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27)  
Straight Length Capacity – BTU per Hr 0.64 SG., 1000 BTU per Cu. Ft. at 0.5 inch Water Column Pressure Drop)

CONFIGURATION			CONNECTOR LENGTH [INCHES]				
SERIES	Nominal OD <i>in</i>	Nominal ID <i>in</i>	12 <i>in</i>	18 <i>in</i>	24 <i>in</i>	30 <i>in</i>	36 <i>in</i>
10A	3/8	1/4	48,000	43,800	40,000	36,400	33,400
20A	1/2	3/8	102,000	93,100	85,000	77,100	71,100

(Connector Minimum Flow Capacity – **For LP Gas** (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27)  
Straight Length Capacity – BTU per Hr 1.55 SG., 2500 BTU per Cu. Ft. at 0.5 inch Water Column Pressure Drop)

CONFIGURATION			CONNECTOR LENGTH [INCHES]				
SERIES	Nominal OD <i>in</i>	Nominal ID <i>in</i>	12 <i>in</i>	18 <i>in</i>	24 <i>in</i>	30 <i>in</i>	36 <i>in</i>
10A	3/8	1/4	76,800	76,080	64,000	58,240	53,440
20A	1/2	3/8	163,200	148,960	136,000	123,360	113,760

### NOTICE

The minimum flow capacity values in the charts are at 0.5" w.c. pressure drop (inlet pressure minus outlet pressure). If your gas system has more available pressure drop then a general rule of thumb approximate calculation is as follows:

Minimum Flow Capacity @ your pressure drop = Square Root (your pressure drop/0.5) x value from chart

Example: What is the approximate minimum flow capacity (natural gas) of the Dormont 10A Series x 24" @ 1" wc pressure drop?

Answer: Square Root (1/0.5) x 40,000 = 56,568 BTU/hr



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