

High BTU Stainless Steel Gas Connectors

The Right Connector for High BTU Applications

The ULTRAflow™ connector was specifically designed for applications with a significant BTU requirement. The ULTRAflow can supply up to 1.5 million BTU (NG) or 2.4 million (LP), depending on length. It increases productivity by eliminating the need for pipe nipples, 90's and elbows and comes pre-assembled requiring no field threading or cutting.

Increases Productivity

- Eliminates the need for pipe nipples, 90's and elbows
- Pre-fabricated gas connector means no field threading, cutting or assembly of CSST fittings and tubing

Quality Construction

- CSA design certified
- Durable 304 stainless steel
- Features a premium antimicrobial coating for increased safety, durability, and longevity

The ULTRAflow is the Ideal Solution For:

- Tankless Water Heaters
- Boilers
- Gas Meters
- Furnaces
- Commercial Water Heaters
- Gas packs/Rooftop HVAC units
- Stand-by Stationary Outdoor Generators





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Specifically designed for applications with significant BTU requirements



Tube Diameters

- 1" OD (¾" ID)
- 1¼" OD (1" ID)
- 1½" OD (1¼" ID)

Tube Lengths in Inches

12, 18, 24, 30, 36, 48, 60, and 72

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										
Series	Nominal OD (in)	Nominal ID (in)	12"	18"	24"	30"	36"	48"	60"	72"
41	1"	¾"	349,000	318,500	290,900	270,500	255,900	215,000	197,400	173,900
51	1¼"	1"	698,000	637,000	581,800	545,200	515,900	442,700	398,900	347,800
61	1½"	1¼"	1,500,000	—————	1,470,000	—————	1,200,000	1,130,000	960,000	930,000

Connector Minimum Flow Capacity – For Propane 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										
Series	Nominal OD (in)	Nominal ID (in)	12"	18"	24"	30"	36"	48"	60"	72"
41	1"	¾"	558,400	509,600	465,440	432,800	409,440	344,000	315,840	278,240
51	1¼"	1"	1,116,800	1,019,200	930,880	872,320	825,440	708,320	638,240	556,480
61	1½"	1¼"	2,400,000	—————	2,352,000	—————	1,920,000	1,808,000	1,536,000	1,488,000

NOTE: When using 0.2 water column pressure drop, capacity can be determined by multiplying the values above by 0.632 (for both natural and propane gas). For capacities at other than noted, contact Dormont at 1-800-DORMONT.

Approvals and Certifications

- 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
- IAMPO – TS9 Gas Supply Connectors for Manufactured Homes
- Approved by the Commonwealth of Massachusetts Board of State Examiners of Plumbers and Gas Fitters – *connector length may not exceed 36"*

This connector meets the requirements of:

- National Fuel Gas Code – ANSI Z223.1/NFPA 54
- International Fuel Gas Code
- Uniform Plumbing Code
- Canada/Natural Gas Installation Code: (CSA B149.1)
- Uniform Mechanical Code
- 24 CFR 328.75 (HUD)

Features and Specifications

- Tubing.....Annealed, 304 stainless steel (ASTM A240)
- Flare nuts and Adapters.....Brass or plated steel
- Optional coating Heavy-duty, antimicrobial, gray PVC Coating will not hold a flame.
- Approved for indoor and outdoor use.
- Operating temperature with adapters: -40°F to 150°F
- 100% leak tested.
- Code requires that a new gas appliance connector must be used for a new appliance, when moving an appliance to a new location, or as the result of damage (ANSI Z21.24/CSA 6.10 and ANSI Z21.75/CSA 6.27).
- Avoid repeated bending, flexing, or extreme vibration.
- Do not use on portable or continuous use generators.



ALL INSTALLATIONS MUST COMPLETELY COMPLY WITH ALL DORMONT MANUFACTURING COMPANY WARNINGS AND INSTRUCTIONS, NATIONAL, STATE AND LOCAL CODES AND ALL APPLICABLE ANSI/CSA STANDARDS.



A WATTS Brand

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