

FLEXIBLE GAS PIPE

DIAMONDBACK FLEXIBLE GAS PIPE

- Flexibility allows it to snake through wall studs, under floors, in long continuous runs, and around obstacles.
- Light weight makes it easier to handle and install.
- Up to 75% fewer fittings are required for the average installation, compared to black iron pipe



P2050

	P/N	DESCRIPTION	SIZE
CSST TUBING	375DFT	Flexible tubing	3/8 in.
	500DFT	Flexible tubing	1/2 in.
	750DFT	Flexible tubing	3/4 in.
	1000DFT	Flexible tubing	1 in.
	1250DFT	Flexible tubing	1-1/4 in.
MECHANICAL FITTINGS	375DMF	Mechanical fitting	3/8 in.
	500DMF	Mechanical fitting	1/2 in.
	750DMF	Mechanical fitting	3/4 in.
	1000DMF	Mechanical fitting	1 in.
	1250DMF	Mechanical fitting	1-1/4 in.
MECHANICAL COUPLING	375DC	Mechanical coupling	3/8 in.
	500DC	Mechanical coupling	1/2 in.
	750DC	Mechanical coupling	3/4 in.
	1000DC	Mechanical coupling	1 in.
TERMINATION FITTINGS	375DFF	Termination fitting-indoor iron	3/8 in.
	375DBFF	Termination fitting-outdoor brass	3/8 in.
	500DFF	Termination fitting-indoor iron	3/8 in.
	500DBFF	Termination fitting-outdoor brass	3/8 in.
	750DFF	Termination fitting-indoor iron	1/2 in.
	750DBFF	Termination fitting-outdoor brass	3/4 in.
	1000DFF	Termination fitting-indoor iron	1 in.
	1000DBFF	Termination fitting-outdoor brass	1 in.
	1250DFF	Termination fitting-indoor iron	1-1/4 in.
1250DBFF	Termination fitting-outdoor brass	1-1/4 in.	
BRACKETS	DTMB	Termination mounting bracket	618
	500DSM	(4) 1/2 in. (15) Female outlets	930
	DMB	Manifold bracket	1468
STRIKER PLATES	DSPQ	Striker Plate	3 in. x 2 in.
	DSPH	Striker Plate	3 in. x 7 in.
	DSPF	Striker Plate	3 in. x 12 in.
	DSPX	Striker Plate	6-1/2 in. x 17 in.
FLOPPY CONDUIT	375DFC	Floppy conduit fits 3/8 in.	
	375DFC-1	Floppy conduit 1 in. length fits 3/8 in.	
	500DFC	Floppy conduit fits 1/2 in.	
	500DFC-1	Floppy conduit 1 ft. length fits 3 1/2 in.	
	750DFC	Floppy conduit fits 3/4 in.	
	750DFC-1	Floppy conduit 1 ft. length fits 3/4 in.	
	1000DFC	Floppy conduit fits 1 in.	
1000DFC-1	Floppy conduit 1 ft. length fits 1 in.		
OTHER PARTS & ACCESSORIES	500DSQD	1/2 in. Sturgis quick connect 5 PSI	
	500DBV	1/2 in. Ball valve	
	750DBV	3/4 in. Ball valve	
	DTC	Tube cutter	
	375DSR	3/8 in. Split ring pkg.	
	500DSR	1/2 in. Split ring pkg.	
	750DSR	3/4 in. Split ring pkg.	
	1000DSR	1 in. Split ring pkg.	
	DFT SAMPLE	Sample Kit includes tubing fitting manual, video	
	DBS12	1 ft. tubing plus fitting	
	DFT500-1	1 ft. tubing plus fitting	

GAS CONNECTORS

DORMONT STAINLESS STEEL GAS CONNECTORS

THE MOST TRUSTED NAME IN GAS CONNECTORS

Supr-Safe stainless steel connectors, first invented by Dormont, are quick and easy to install offering substantial labor savings over traditional black pipe plumbing systems. Dormont stainless steel offers greater safety than rubber tubing, conventional brass or epoxy coated brass. Connectors are not only much stronger than rubber or brass physically, but also are substantially more resistant to corrosion.

A growing concern exists today regarding the safety of brass connectors. Epoxy coatings, used to protect them, can be chipped or cracked during shipment, installation or service — exposing the brass tubing to localized corrosion. Brass gas connectors are highly susceptible to corrosion caused by ammonia and other common cleaning chemicals. Corrosion may cause pin holes and cracks, which may result in hazardous gas leaks.

EXCLUSIVE DORMONT NO-NECK DESIGN

With ordinary connectors, the tubing's stainless steel straight neck enters the nut and after being subjected to repeated flexing, can develop stress cracks that can result in a gas leak. The Supr-Safe No-Neck design eliminates this danger because the first few tubing corrugations are enclosed within the nut. Result: increased tubing flexibility and longer normal service life.

Dormont Gas Connectors can be used with natural, manufactured, mixed and liquified petroleum gas and L.P. gas air mixtures. The added protection of stainless steel is especially useful in areas where the natural gas has a high sulfur content such as: household kitchens, laundry rooms, forced air heating units, and rooftop HVAC units.

RESIDENTIAL

All Dormont connectors are A.G.A. Design Certified for both indoor (ANSI Z21.24) and outdoor (A.G.A. 3-87) use.

Our complete line of flexible, corrugated, Supr-Safe stainless steel connectors, are designed to connect all types of gas appliances to gas utility lines. Dormont offers the widest range and largest selection of sizes in the industry. Dormont's Quality Assurance program has been registered under the ISO 9001 Standard by the British Standards Institution (BSI) and Underwriters Laboratories (UL).

Indoor 10/20/30 Series

Design certified: A.G.A. under ANSI Z21.24, Z21.45 and 3-87. Dormont residential connectors are durable, flexible, and easy to install...even in tight places. Designed with built-in safety features, Supr-Safe connectors provide for a long and trouble-free service life.

Rooftop - Outdoor 40/41 Series

Design Certified: A.G.A. Requirement No. 3-87 for gas connectors for connection of fixed appliances for outdoor installation to the gas supply. Dormont stainless steel gas connectors were the first to be design certified by the A.G.A. for outdoor use.

Features:

Wider Temperature Range...for outdoor use, stainless steel connectors can withstand temperatures between -40° F to 140° F (-40° C to 60° C).

Corrosion Resistance...Type 304 passivated steel offers superior resistance to corrosion caused by ozone, household chemicals, ammonia, and petroleum products.

Bend-Ability...Stainless steel is the strongest connector of its type available and can withstand more torque and bend cycles than brass due to the greater number and depth of corrugations.

Working Pressure...Rated for standard line pressures up to 1/2 P.S.I. (.035 Bar).

- **Safe, Solid Construction...**Tubing is made of uncoated, Type 304-stainless steel and has no soldered joints.
- **Steel Flare Nuts...**provide durability and safety. Nuts & End Fittings are made from Zinc Di-Chromale (12L14) plated.

Test Requirements (AGA/CGA)

Torsion Test — Totaline Gas Connectors are able to withstand more than 15 applications of 90 degree twists in alternate directions without leakage or damage to the tubing or fittings.

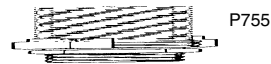
Bend Test — Totaline Gas Connectors are able to withstand more than 70 bends without leakage or damage to the tubing or fittings.

Design and Manufacture in Accordance With (Assembled Connectors):

ANSI Z21.24 and Z21.45 — Connectors meet test standards of American National Standards Institute (ANSI).

CAN/CGA — 6.10. Design certified by Canadian Gas Association for indoor use.

AGA — Design certified by American Gas Association for indoor and outdoor use. (AGA 3-87).



PART NUMBERING SYSTEM FOR GAS CONNECTORS

EXAMPLE	CHARACTER	DESCRIPTION
3	1	7/8" O.D. (1/2" I.D.)
0	2	Corrugated Tubing
31	3	1/2" M.I.P. (Tapped 3/8" F.I.P.)
32	4	1/2" F.I.P.
48	5	48" in length

CHARACTER 1: DESIGNATES DIAMETER OF CONNECTOR. (CHOOSE ONE)

PART #	
1	3/8" O.D. (1/4" I.D.)
2	1/2" O.D. (3/8" I.D.)
3	7/8" O.D. (1/2" I.D.)
4	1" O.D. (3/4" I.D.)
5	1-1/4" O.D. (1" I.D.)
6	1-1/2" O.D. (1-1/4" I.D.)

CHARACTER 2: DESIGNATES STYLE OF CONNECTOR. (CHOOSE ONE)

PART #	
0	Corrugated Tubing
1	Corrugated Tubing with Optional PVC Coating

CHARACTER 3 & 4: DESIGNATE YOUR CHOICE OF FITTING OR VALVE FOR BOTH ENDS OF CONNECTOR. (CHOOSE TWO)

PART #	
21	3/8" M.I.P. (Tapped 1/4" F.I.P.)
22	3/8" F.I.P.
23	3/8" M.I.P. Elbow
24	3/8" F.I.P. Elbow
31	1/2" M.I.P. (Tapped 3/8" F.I.P.)
32	1/2" F.I.P.
33	1/2" M.I.P. Elbow
34	1/2" F.I.P. Elbow
35	1/2" F.I.P. Straight Connector Valve
36	1/2" F.I.P. Angle Connector Valve
41	3/4" M.I.P. (Tapped 1/2" F.I.P.)
42	3/4" F.I.P.
43	3/4" M.I.P. Elbow
44	3/4" F.I.P. Elbow
45	3/4" F.I.P. Straight Connector Valve
46	3/4" F.I.P. Angle Connector Valve
51	1" M.I.P. (Tapped 3/4" F.I.P.)
52	1" F.I.P.
61	1-1/4" M.I.P. (Tapped 1" F.I.P.)
62	1-1/4" F.I.P.
99	Nut Only

CHARACTER 5: DESIGNATES NORMAL LENGTH IN INCHES. (CHOOSE ONE)

12	18	24	30	36	48	60	72
Standard Pack Qty:							
25	25	25	25	25	25	12	12

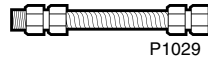
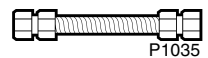
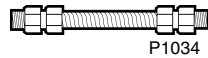
GAS CONNECTORS

DORMONT STAINLESS STEEL GAS CONNECTORS

10 SERIES - 3/8" O.D. (1/4" I.D.)

HEATER CONNECTORS With Fittings

DESCRIPTION	P/N
1/2" M.I.P. x 1/2" M.I.P.	10-3131-
3/8" M.I.P. x 1/2" M.I.P.	10-2131-
3/8" M.I.P. x 1/2" M.I.P.	10-2121-
1/2" F.I.P. x 1/2" F.I.P.	10-3232-
3/8" F.I.P. x 1/2" F.I.P.	10-2232-
3/8" F.I.P. x 3/8" F.I.P.	10-2222-
3/8" M.I.P. x 3/8" F.I.P.	10-2122-
3/8" M.I.P. x 1/2" F.I.P.	10-2132-
1/2" M.I.P. x 3/8" F.I.P.	10-3122-
1/2" M.I.P. x 1/2" F.I.P.	10-3132-



10 SERIES - 3/8" O.D. (1/4" I.D.)

HEATER CONNECTORS With Valve

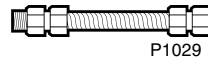
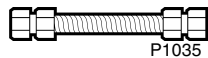
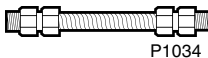
DESCRIPTION	P/N
1/2" M.I.P. x 1/2" F.I.P. (ball)	10-3135-
3/8" M.I.P. x 1/2" F.I.P. (ball)	10-2135-
1/2" F.I.P. x 1/2" F.I.P. (ball)	10-3235-
3/8" F.I.P. x 1/2" F.I.P. (ball)	10-2235-
1/2" M.I.P. x 1/2" F.I.P. (ball angle)	10-3136-
1/2" F.I.P. x 1/2" F.I.P. (ball angle)	10-3236-



20 SERIES - 1/2" O.D. (3/8" I.D.)

DRYER CONNECTORS With Fittings

DESCRIPTION	P/N
3/8" M.I.P. x 3/8" M.I.P.	20-2121-
1/2" M.I.P. x 1/2" M.I.P.	20-3131-
3/8" M.I.P. x 1/2" M.I.P.	20-2131-
3/8" F.I.P. x 3/8" F.I.P.	20-2222-
1/2" F.I.P. x 1/2" F.I.P.	20-3232-
3/8" F.I.P. x 1/2" F.I.P.	20-2232-
3/8" M.I.P. x 3/8" F.I.P.	20-2122-
3/8" M.I.P. x 1/2" F.I.P.	20-2132-
1/2" M.I.P. x 3/8" F.I.P.	20-3122-
1/2" M.I.P. x 1/2" F.I.P.	20-3132-



20 SERIES - 1/2" O.D. (3/8" I.D.)

DRYER CONNECTORS With Valve

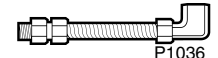
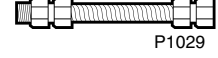
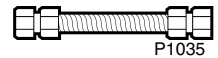
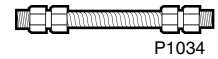
DESCRIPTION	P/N
1/2" M.I.P. x 1/2" F.I.P. (ball)	20-3135-
3/8" M.I.P. x 1/2" F.I.P. (ball)	20-2135-
1/2" F.I.P. x 1/2" F.I.P. (ball)	20-3235-
3/8" F.I.P. x 1/2" F.I.P. (ball)	20-2235-



30 SERIES - 7/8" O.D. (1/2" I.D.)

RANGE CONNECTORS With Fittings

DESCRIPTION	P/N
3/4" M.I.P. x 3/4" M.I.P.	30-4141-
1/2" M.I.P. x 3/4" M.I.P.	30-3141-
1/2" M.I.P. x 1/2" M.I.P.	30-3131-
3/4" F.I.P. x 3/4" F.I.P.	30-4242-
1/2" F.I.P. x 3/4" F.I.P.	30-3242-
1/2" F.I.P. x 1/2" F.I.P.	30-3232-
1/2" M.I.P. x 1/2" F.I.P.	30-3132-
1/2" M.I.P. x 3/4" F.I.P.	30-3142-
3/4" M.I.P. x 1/2" F.I.P.	30-4132-
3/4" M.I.P. x 3/4" F.I.P.	30-4142-
3/4" M.I.P. x 3/4" F.I.P. (elbow)	30-4144-



30 SERIES - 7/8" O.D. (1/2" I.D.)

RANGE CONNECTORS With Valve

DESCRIPTION	P/N
3/4" F.I.P. x 3/4" F.I.P. (ball)	30-4245-
1/2" F.I.P. x 3/4" F.I.P. (ball)	30-3245-
3/4" F.I.P. x 1/2" F.I.P. (ball)	30-4235-
1/2" F.I.P. x 1/2" F.I.P. (ball)	30-3235-
3/4" M.I.P. x 3/4" F.I.P. (ball)	30-4245-
1/2" M.I.P. x 3/4" F.I.P. (ball)	30-3145-
3/4" M.I.P. x 1/2" F.I.P. (ball)	30-4135-
1/2" M.I.P. x 1/2" F.I.P. (ball)	30-3135-
3/4" F.I.P. x 3/4" F.I.P. (ball angle)	30-4246-
1/2" F.I.P. x 3/4" F.I.P. (ball angle)	30-3246-
3/4" M.I.P. x 3/4" F.I.P. (ball angle)	30-4146-
1/2" M.I.P. x 3/4" F.I.P. (ball angle)	30-3146-



* Add length to gas connector when ordering (i.e., 10-3131-18)

GAS BALL VALVES

Straight Valves – F.I.P. x F.I.P. (Reduced Port)

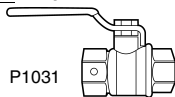
DESCRIPTION	P/N
1/2 F x 1/2 F	92-3232
3/4 F x 3/4 F	92-4242



Std pack qty: 100 pcs.

Straight Valves – F.I.P. x F.I.P. (Full Port)

DESCRIPTION	P/N
1 F x 1 F	94-5252



Std pack qty: 60 pcs.

* Also available in 3/8" and 7/16" O.D.

*Add length to part number. For example 10-3131-18 is a 10 series, 18" connector.

GAS CONNECTORS

Dormont

40 SERIES - 1" O.D. (3/4" I.D) with 3/4" Fittings M x F

P/N	Length <i>(When ordering, add length after the part number)</i>					
	24"	30"	36"	48"	60"	72"
40-41 42-	55.21	60.59	64.72	74.71	80.25	91.18
41-41 42-	60.21	65.59	71.09	82.19	89.01	101.19

50 SERIES - 1-1/4" O.D. (1" I.D) with 1" Fittings M x F

P/N	Length <i>(When ordering, add length after the part number)</i>					
	24"	30"	36"	48"	60"	72"
50-51 52-	77.88	86.19	91.57	101.06	115.04	129.91
51-51 52- (WITH PVC COATING)	82.88	90.44	97.81	108.57	123.80	139.91

60 SERIES - 1-1/2" O.D. (1-1/2" I.D) with 1-1/4" Fittings M x F

P/N	Length <i>(When ordering, add length after the part number)</i>					
	24"	30"	36"	48"	60"	72"
60-61 62-	104.92	113.67	120.02	133.66	147.40	161.14
61-61 62 (WITH PVC COATING)	112.42	122.41	129.91	144.91	159.91	174.88

Gas Ball Valves

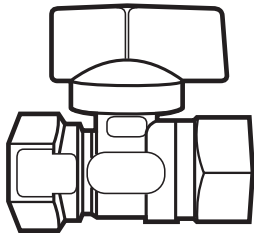
Dormont

Straight Valves - F.I.P. x F.I.P. (Reduced Port)

Part Number	Description	Pack Qty.	Carton Qty.	Approx. Carton Wt. Lbs.
92-2222	3/8" F.I.P. x 3/8" F.I.P.	100	10	3.0
92-3232	1/2" F.I.P. x 1/2" F.I.P.	100	10	3.7
92-4242	3/4" F.I.P. x 3/4" F.I.P.	100	10	5.3

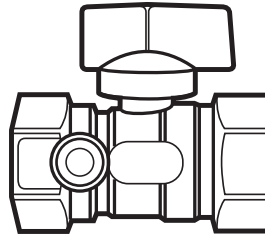
Connector Valves - Flare x F.I.P.

Part Number	Description	Pack Qty.	Carton Qty.	Approx. Carton Wt. Lbs.
91-1032	3/8" O.D. FLARE x 1/2" F.I.P.	100	10	3.2
91-2032	1/2" O.D. FLARE x 1/2" F.I.P.	100	10	3.8
91-3032	5/8" O.D. FLARE (15/16" - 16 THREAD) x 1/2" F.I.P.	100	10	4.4
91-3042	5/8" O.D. FLARE (15/16" - 16 THREAD) x 3/4" F.I.P.	100	10	5.6



P2051

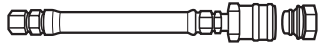
Straight Valve



P2052

Connector Valve

FLEXIBLE GAS CONNECTOR KITS



P2053

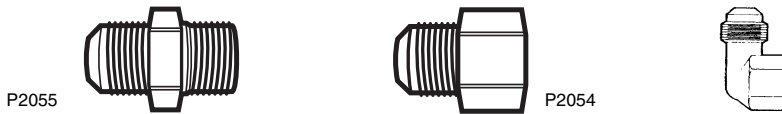
For Food Service and Commercial Uses.

- Connects the gas line to movable gas appliances
- Includes PVC coated stainless steel connector with push-to-connect disconnect coupling, coiled restraining device, 90° street elbow and necessary mounting hardware required for movable/castered gas appliance installation (less ball valve)
- Saves labor
- Allows easier clean-up
- Reduces fire hazards
- Provides flexibility within the work station
- Complies with ANSI Z21.69, ANSI Z223.1, CAN/CGA-B149, and CAN/CGA-6.16
- Used with gas ball valves R54-016, R54-015, R54-014 and R53-362

Mfg. #	BtuH Capacity	ID	Length	Order #
1650BPQR-36	92,000	1/2"	36"	R87-460
1650BPQR-48	79,000	1/2"	48"	R87-461
1675BPQR-36	169,000	3/4"	36"	R87-462
1675BPQR-48	165,000	3/4"	48"	R87-463

GAS CONNECTOR FITTINGS

Dormont



RANGE 30 SERIES (Fittings for 5/8" O.D. Connectors)

P/N	Description	Pack Qty.	Approx. Pack Wt. Lbs.
90-3031	5/8" O.D. FLARE (15/16" - 16 THREAD) x 1/2" M.I.P. (TAPPED 3/8" F.I.P.)	25	5.5
90-3041	5/8" O.D. FLARE (15/16" - 16 THREAD) x 3/4" M.I.P. (TAPPED 1/2" F.I.P.)	25	6.8
90-3032	5/8" O.D. FLARE (15/16" - 16 THREAD) x 1/2" F.I.P.	25	5.0
90-3042	5/8" O.D. FLARE (15/16" - 16 THREAD) x 3/4" F.I.P.	25	5.3
90-3042	5/8" O.D. FLARE (15/16" - 16 THREAD) x 3/4" F.I.P. ELBOW	25	6.8

DRYER 20 SERIES (Fittings for 1/2" O.D. Connectors)

P/N	Description	Pack Qty.	Approx. Pack Wt. Lbs.
90-2021	1/2" O.D. FLARE x 3/8" M.I.P. (TAPPED 1/4" F.I.P.)	25	4.0
90-2031	1/2" O.D. FLARE x 1/2" M.I.P. (TAPPED 3/8" F.I.P.)	25	5.5
90-2041	1/2" O.D. FLARE x 3/4" M.I.P. (TAPPED 1/2" F.I.P.)	25	5.5
90-2022	1/2" O.D. FLARE x 3/8" F.I.P.	25	3.3
90-2032	1/2" O.D. FLARE x 1/2" F.I.P.	25	4.3
90-2042	1/2" O.D. FLARE x 3/4" F.I.P.	25	5.5

Water Heater, Gas Log & Space Heater 10 Series (Fittings for 3/8" O.D. Connectors)

P/N	Description	Pack Qty.	Approx. Pack Wt. Lbs.
90-2021	3/8" O.D. FLARE x 3/8" M.I.P. (TAPPED 1/4" F.I.P.)	25	3.0
90-1031	3/8" O.D. FLARE x 1/2" M.I.P. (TAPPED 3/8" F.I.P.)	25	5.0
90-1022	3/8" O.D. FLARE x 3/8" F.I.P.	25	3.0
90-1032	3/8" O.D. FLARE x 1/2" F.I.P.	25	4.0
95-1021	3/8" O.D. FLARE x 3/8" M.I.P. ELBOW	25	4.2
95-1031	3/8" O.D. FLARE x 1/2" M.I.P. ELBOW	25	4.4

Firestick Pilot Lighter

Item #	Part #	Pack Qty.	PACKING	Approx. Pack Wt. Lbs.
FIRESTICK	8400	10	DISPLAY CARD	1.0
FIRESTICK/BULK	8410	75	BULK	4.5



P2057

GAS CONNECTOR FITTINGS

Dormont

40 SERIES - Fittings for 1" O.D. Connectors

P/N	Description	Pack Qty.	Approx. Pack Wt. Lbs.
90-4041	1" O.D. FLARE x 3/4" M.I.P. (TAPPED 1/2" F.I.P.)	10	2.8
90-4042	1" O.D. FLARE x 3/4" F.I.P.	10	2.3

50 SERIES - Fittings for 1-1/4" O.D. Connectors

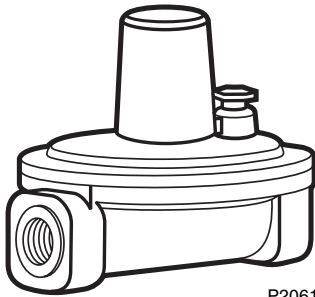
P/N	Description	Pack Qty.	Approx. Pack Wt. Lbs.
90-5051	1-1/4" O.D. FLARE x 1" M.I.P. (TAPPED 3/4" F.I.P.)	10	4.0
90-5052	1-1/4" O.D. FLARE x 1" F.I.P.	10	3.8

60 SERIES - Fittings for 1-1/2" O.D. Connectors

P/N	Description	Pack Qty.	Approx. Pack Wt. Lbs.
90-6061	1-1/2" O.D. FLARE x 1-1/4" M.I.P. (TAPPED 1" F.I.P.)	10	6.0
90-6062	1-1/2" O.D. FLARE x 1-1/4" F.I.P.	10	5.7

GAS REGULATORS

Dormont



P2061

SPECIFICATIONS - MODELS #R325/R625

Specification	Description
Gases	Natural or Liquefied Propane
Diaphragm	Nitrile Rubber
Allowable Temperature Range	-40° to 205° F (-40° to 96° C)
Housing	Aluminum Die Castings
Vent Limiter	Brass
Maximum Inlet Pressure	2 psig
Outlet Pressure Adjustment	7" to 11" W.C.
Connection Size NPT (F)	
R325	1/2" x 1/2"
R625	3/4" x 3/4"
Venting	
R325	1/8" NPT
R625	3/8" NPT
Emergency Exposure Limits	65 psig Inlet Side Only

Lever Action Regulators - 2 PSIG Systems

Part Number	Gas	Pipe Size	Maximum BTU Capacity	Inlet Pressure	Spring Range	Spring Pre-Set Point	Master Carton Quantity
R325N32-0509-06	Natural	1/2"	289,000	2 psig	5" to 9"	6	25
R325N32-0711-08	Natural	1/2"	289,000	2 psig	7" to 11"	8	25
R325P32-0711-11	Propane	1/2"	289,000	2 psig	7" to 11"	11	25
R625N42-0711-08	Natural	3/4"	490,000	2 psig	7" to 11"	8	18
R625P42-0711-11	Propane	3/4"	490,000	2 psig	7" to 11"	11	18