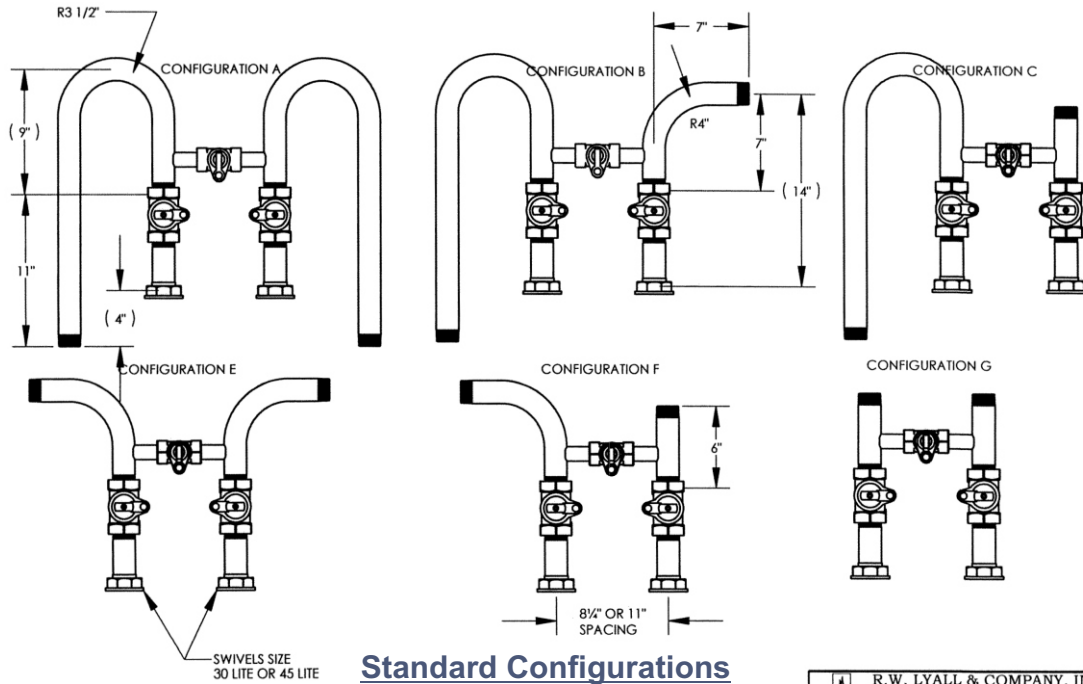





Lyall Commercial MSA's with Integral By-Pass for Diaphragm Gas Meter Applications



 R.W. LYALL & COMPANY, INC.
2645 Research Dr. Corona, Ca. U.S.A. Ph: (909) 270-1500
Fax: (909) 270-1600
U.S. Patent No: 5,689,938 & 5,501,331

Lyall Commercial MSA Capabilities

Pipe Size/Forged Swivel Size Combinations

NPS 1 X 20 LITE
NPS 1 X #1 SPRAGUE / 1" PITTSBURGH
NPS 1 X 30 LITE
NPS 1 1/4 X 30 LITE
NPS 1 1/4 X 45 LITE
NPS 1 1/4 X #3 (#4) SPRAGUE

Swaging

NPS 1 TO NPS 3/4
NPS 1 1/4 TO NPS 1

Bend Radius

NPS 3/4 - 2", 2 1/2" (STD), 3" Same Min bend as 1"
NPS 1 - 2" Min Bend Length 5" (NOT EASY), (2 1/2", Min Bend Length 5-1/2) (3" (STD) Min Bend Length 6")
NPS 1 1/4 - 3 1/2" Min Bend Length - 9"
NPS 1 1/2 - 4"

Swivel Spacing

6", 7", 8-1/4", 11", and 13"

Vent/Tap Ports Options:

Inlet and/or outlet tap port(s) can be added to your configuration vent ports Standard sizes 1/4 inch taps.
Vent-stack port connection 1"ft (check for other sizes).
Double wing-lock ball valve for vent-stack applications can also be added.

Coating Options:

Electrostatically Applied Polyester.
Zinc Plated for added protection against corrosion on the threads.
Zinc Plated with Electrostatically Applied Polyester overcoat.

Your Authorized Lyall Distributor :

Manufactured by: R.W. Lyall & Company, Inc.

PH: 800 535-9255 / FAX: 951 720-1600