

LYALL

Fueling America's Homes and Businesses for Over 40 Years

LYCO[®] Excess Flow Valves

LYCO[®] Excess Flow Valves (EFVs) provide safety for natural gas service lines, stopping the flow of gas when the flow rate exceeds the EFV design limits.

Available in Three Different Designs:

- EFV I - ½" CTS to 1 ¼" IPS
- EFV II - ½" CTS
- CEFV - 1 ¼" IPS and 2" IPS

Design Features:

- Meets or exceeds requirements of part 49 CFR 192.381.
- The spring is protected from the high velocity gas stream.
- Resistant to clogging caused by line dust and particulate build-up.
- EFV II provides superior ½" CTS service protection with a patented design that provides the lowest pressure drop in the industry.
- Bypass feature allows auto-reset after service line repair.
- Modular design allow integration into a multitude of pipe and fitting carriers.



Application Design Sizing

Our online EFV sizing calculator software ensures the optimal EFV selection for each specific application.



Scan here for e-calculator

ADDITIONAL LYALL PRODUCTS

Transition Fittings

Anodeless Risers

Transition Risers

PE Valves

Commercial Meter Sets

Industrial Meter Sets and Spools

2665 Research Drive
Corona, CA 92882

3015 S. 163rd Street
New Berlin, WI 53151

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(800) 535-9255
Midwest and Eastern U.S.
(262) 784-8180

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rwyall.com



LYCO® Excess Flow Valves

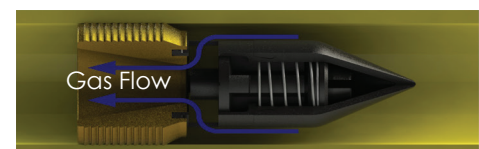


LYCO® EFV I

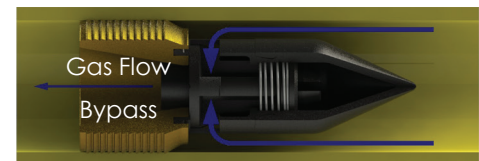
Designed primarily for ¾" IPS and 1" IPS applications.

Configuration Options:

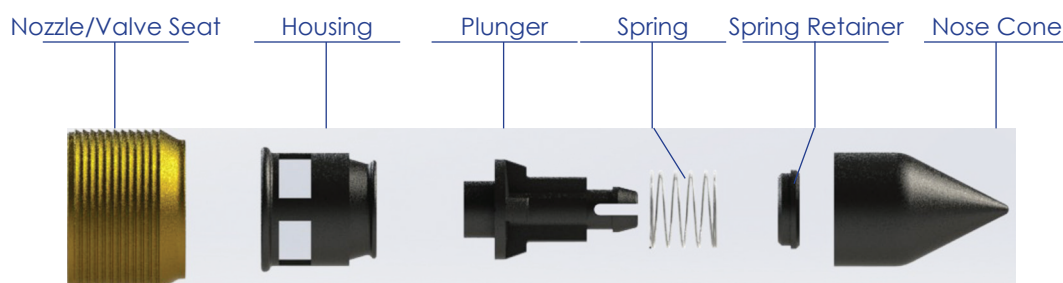
- Medium or high density PE pipe
- Steel pipe
- Extended lengths of PE pipe
- Reducers or socket fusion couplings
- LYCOFIT® Mechanical Couplings
- LYCOFIT® Mechanical and saddle fusion service tees
- **Custom configurations as required**



Open Position



Closed Position



and Businesses for Over 40 Years

LYCO® EFV II

Designed primarily for ½" CTS applications.

Configuration Options:

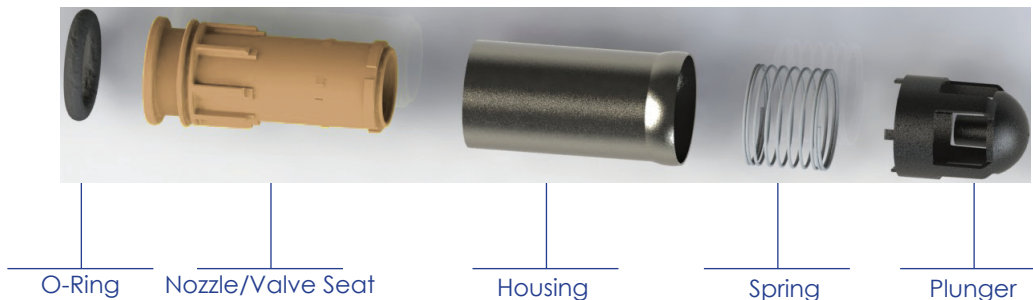
- Medium or high density PE pipe
- Extended lengths of PE pipe
- Socket fusion couplings
- Saddle fusion service tees
- **Custom configurations as required**



Open Position



Closed Position

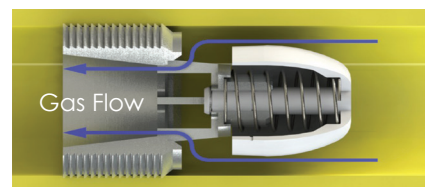


LYCO® CEFV

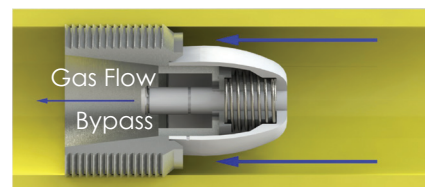
Designed primarily for 1 ¼" IPS and 2" IPS applications.

Configuration Options:

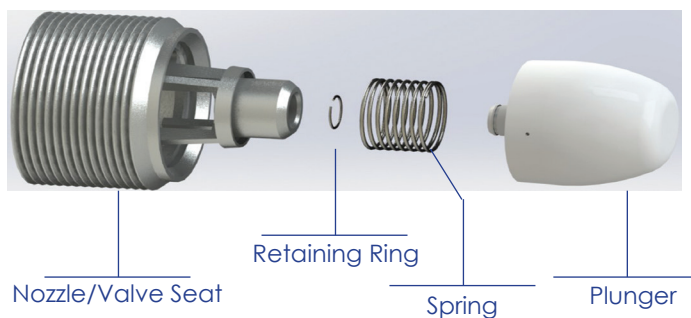
- Medium or high density PE pipe
- Extended lengths of PE pipe
- Reducers or socket fusion couplings
- **Custom configurations as required**



Open Position



Closed Position



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Product	Series	SERVICE LINE SIZE - POLYETHYLENE									STEEL	
		1/2" CTS .090	1/2" IPS DR 9.3	3/4" CTS .090	3/4" IPS DR 11	1" CTS .090	1" CTS .099 - .102	1" IPS DR 11	1 1/4" IPS DR 10-11	2" IPS DR 11	NPS 3/4" - 40	NPS 1" - 40
EFV I	350	A	A	A	S/A	S/A	S/A	S/A			S	S
EFV II	375	S/A	A									
EFV II	400	S/A	A									
EFV II	450	S/A	A									
EFV I	475	A	A	A	S/A	S/A	S/A	A	S/A		S	S
EFV II	775	S/A	A									
EFV I	775	A	A	A	S/A	S/A	S/A	A	S/A		S	S
EFV I	1200		A	A	S/A	S/A	S/A	A	S/A		S	S
EFV I	1800		A	A	S/A	S/A	S/A	A	S/A		S	S
CEFV	1800		A	A	A	A	A	A	A	S/A		
CEFV	2600		A	A	A	A	A	A	A	S/A		
CEFV	3900		A	A	A	A	A	A	A	S/A		
CEFV	5500		A	A	A	A	A	A	A	S/A		

S = Sticks

A = Fitting Assembly

Cut-Away Illustrations

Sticks



EFV I



EFV I - Steel



EFV II



CEFV

Assemblies

Socket Fusion Couplings



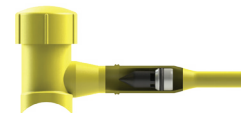
Reducers



LYCOFIT Mechanical Couplings



Saddle Fusion Service Tees



LYCOFIT Mechanical Service Tees



Specifications

Lyall's EFV's meet or exceed the requirements of ASTM F2138, MSS-115 and MSS -142. For a complete Technical Data Package of design specifications and test data, please contact your sales or customer service representative.

Customer Service: Western U.S./Canada (800)535-9255 / Midwest and Eastern U.S. (262)784-8180

