When it comes to the distribution of natural gas, safety is always the number one priority. And part of any comprehensive gas distribution safety regimen is the inclusion of high quality, dependable LYCO® Excess Flow Valves (EFVs). LYCO® EFVs are the first responders in the event of a damaged gas line. Patent-protected LYCO® EFV technology shuts down the line’s flow and keeps it closed until the line is repaired and gas pressure returns to normal.

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 buildup.
- EFV II provides superior ½” CTS service protection with a patented design that provides the lowest pressure drop in the industry.
- A bypass feature allows an auto-reset after service line repair.
- The modular design allows integration into a multitude of pipes and fittings.

Calculate the Size You Need
Lyall’s customizable EFVs are suitable for nearly any configuration. Visit our website at rwlyall.com/products/lyco_excess_flow_valves and download the Lyall EFV Calculator to help you determine the EFV size and design necessary for your specific application.

Additional Lyall Products
Transition Fittings / Anodeless Risers / Transition Risers / Polyethylene (PE) Valves / Commercial Meter Sets / Industrial Meter Sets and Spools
**LYCO® EFV I**
Designed primarily for ¾” IPS and 1” IPS applications.

**Configuration Options:**
- Medium or high density PE pipe
- Extended lengths of PE pipe
- Steel pipe
- Reducers or socket fusion couplings
- LYCOFIT® Mechanical Couplings
- LYCOFIT® Mechanical and saddle fusion service tees

We can customize configurations as required.

**Open Position**

**Closed Position**

**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

We can customize configurations as required.

**Open Position**

**Closed Position**

**Components:**
- O-Ring
- Nozzle/Valve Seat
- Housing
- Spring
- Plunger
- Retainer
- Nose Cone
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

We can customize configurations as required.
S = Stick  
A = Assembly

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**Sticks**

- EFV I
- EFV II

**Assemblies**

- Socket Fusion Couplings
- Reducers
- LYCOFIT® Mechanical Couplings
- Saddle Fusion Service Tees
- LYCOFIT® Mechanical Service Tees

**Specifications**

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