

# For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

## EU2 Series Safety+PLUS® Appliance Excess Flow Valve - Flare x Male Iron Pipe

**Use:** For use with natural, manufactured, mixed, liquefied petroleum gases and LP gas-air mixtures

### Design Features:

- **Helps prevent gas fires & explosions** due to gas line ruptures or disconnects at the appliance
- **Automatic valve activation** immediately restricts gas flow to a non-hazardous level to help avert a dangerous build up of gas in the home
- **Automatic Reset** once the gas line has been properly repaired
- **24 hour, maintenance-free protection** for the life of the product with no parts to wear, break or misalign over time
- **100% performance tested**

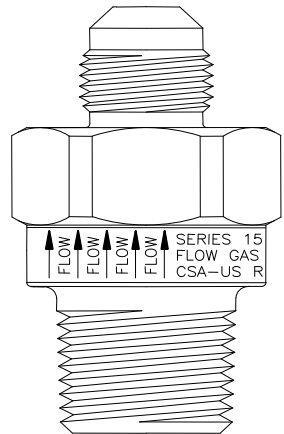
### Operating Specifications:

**Temperature:** 32° to 150°F

**Pressure:** standard line pressures up to 1/2 psi maximum

### Installation:

**Omni-directional** - can be installed in any orientation, horizontal to vertical



Patents: 6,923,206  
6,488,047 & 5,203,365

MATERIAL SPECIFICATIONS	
<b>Valve Body</b>	C36000 Brass
<b>Magnet</b>	Rare Earth
<b>Plate</b>	Stainless Steel

MATERIAL SPECIFICATIONS	
<b>Seat</b>	C36000 Brass
<b>Cartridge Body</b>	POM

FLOW CAPACITY*						
Model No.	Cartridge	Label Color	Minimum Flow Rate (BTU's at 0.5" W.C.)	Maximum Flow Rate (BTU's at 0.5" W.C.)	Closing Flow Rate (BTU's at 0.6" W.C.)	Bypass Flow Rate
EU2-6-8 P	1540	Lilac	-----	48,000	95,000	< 5 SCFH
EU2-6-12 P	1540	Lilac	-----	48,000	95,000	< 5 SCFH
EU2-8L P	1540	Lilac	-----	60,500	95,000	< 5 SCFH
EU2-8-12L P	1540	Lilac	-----	60,500	95,000	< 5 SCFH
EU2-8 P	1550	Lime	60,501	102,000	135,000**	< 5 SCFH
EU2-8-12 P	1550	Lime	60,501	102,000	135,000**	< 5 SCFH

\*All Safety+PLUS valves require a minimum inlet pressure of 4" W.C. Flow rates given are 0.6 specific gravity natural gas with an average heating value of 1,000 Btu per cubic foot; therefore, 1 kBtu/h is equal to 1 SCFH (standard cubic foot per hour).

\*\*When installed in the vertical downward position (arrows pointing toward floor), the closing flow rate is 110,000 Btu/h.

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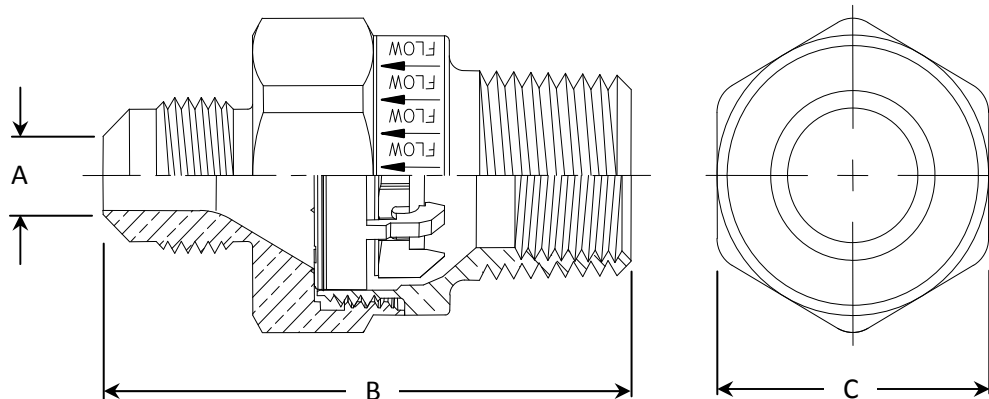
**BrassCraft®**

# EU2 Series Safety+PLUS® Appliance Excess Flow Valve - Flare x Male Iron Pipe

## Part Listing:

<input type="checkbox"/>	EU2-6-8 P	3/8" O.D. Flare x 1/2" M.I.P., Series 1540 Cartridge, polybagged
<input type="checkbox"/>	EU2-6-12 P	3/8" O.D. Flare x 3/4" M.I.P. (tapped 1/2" F.I.P.), Series 1540 Cartridge, polybagged
<input type="checkbox"/>	EU2-8 P	1/2" O.D. Flare x 1/2" M.I.P., Series 1550 Cartridge, polybagged
<input type="checkbox"/>	EU2-8L P	1/2" O.D. Flare x 1/2" M.I.P., Series 1540 Cartridge, polybagged
<input type="checkbox"/>	EU2-8-12 P	1/2" O.D. Flare x 3/4" M.I.P. (tapped 1/2" F.I.P.), Series 1550 Cartridge, polybagged
<input type="checkbox"/>	EU2-8-12L P	1/2" O.D. Flare x 3/4" M.I.P. (tapped 1/2" F.I.P.), Series 1540 Cartridge, polybagged

PART DIMENSIONS (Inches)			
Model	DIA. A	DIM. B	HEX. C
EU2-6-8	.312	2.19	1-1/8
EU2-6-12	.312	2.19	1-1/8
EU2-8	.438	2.30	1-1/8
EU2-8-12	.438	2.30	1-1/8



## Listings & Certifications:

- IAPMO listed to CSA-US 3.92 standard "Excess Flow Valves" (file #4213)
- CSA listed to CSA-US 3.92 standard "Excess Flow Valves" (file # 204593)
- California Division of State Architects listed to CSA-US 3.92 standard "Excess Flow Valves" (file# CA-DSA 02 02)
- City of Los Angeles



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