

# UMAC Series 800 Purple Label Excess Flow Valves

10 psig to 150 psig (690 mbar to 10 bar) – Inlet Pressure

Inlet Pressure		SERIES 800 Nom. Min. Trip Point 0.6 SG Gas		Bypass Flow After Trip (Nom. Max) 0.6 SG Gas	
psig	bar	SCFH	SCMH	SCFH	SCMH
10	0.69	800	22.65	20	0.57
15	1.03	900	25.48	23	0.65
20	1.38	980	27.75	25	0.71
30	2.07	1,130	32.00	28	0.79
40	2.76	1,310	37.09	32	0.91
50	3.45	1,420	40.21	35	0.99
60	4.14	1,530	43.32	37	1.05
70	4.83	1,660	47.01	39	1.10
80	5.52	1,770	50.12	41	1.16
90	6.21	1,860	52.67	46	1.30
100	6.90	1,950	55.22	50	1.42
150	10.34	2,240	63.43	75	2.12

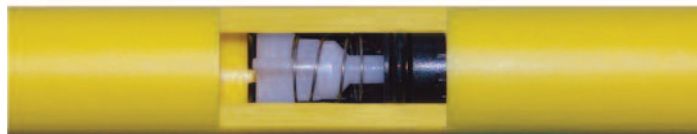
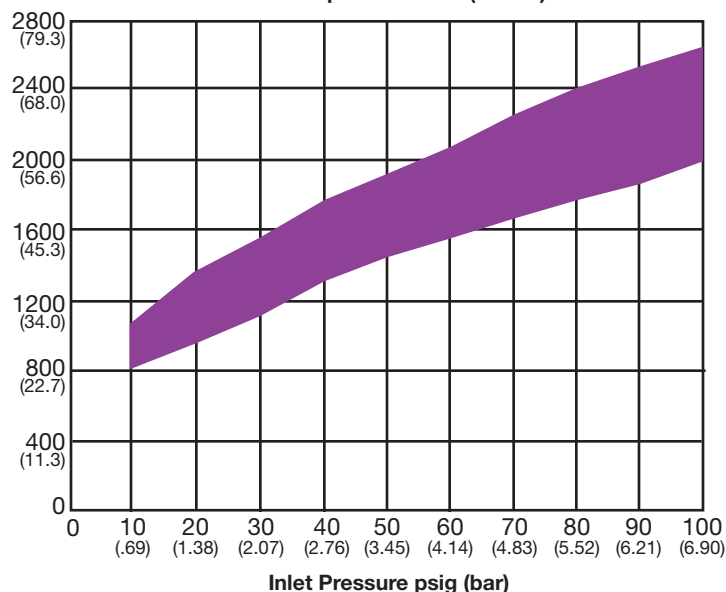
For pressures over 150 psig (10.34 bar) contact GasBreaker, Inc.

**Note:**

Calculate service line capacities from given flow and pressure drop data to ensure adequate flow capacity is available to operate valve. For additional assistance with sizing and technical information on UMAC Excess Flow Valves, please contact GasBreaker, Inc.

**TRIP RANGE CHART**

Min./Max. Nominal Trip Point SCFH (SCMH) 0.6 SG Gas



**AVAILABILITY**

UMAC Series 800 EFVs available in 1/2 CTS sticks and other prefabricated models. (see page 4 for examples)

**All valves comply with: DOT Part 192.381, ASTM F 2138 and MSS SP-115: Excess Flow Valves**  
**Tested to, or in accordance with, ASTM F 1802: Standard Test Method for Performance Testing of Excess Flow Valves**

**AVERAGE PRESSURE DROP AT AN INLET PRESSURE OF 10 PSIG (0.69 BAR)**

UMAC EFV	Typical Customer Gas Load (0.6 SG Gas)		Average Pressure Drop Across Valve	
	SCFH	SCMH	psi	mbar
Series 800	630	17.84	1.88	129.66



GasBreaker, Inc.  
 17 Lee Blvd., Ste. D  
 Malvern, PA 19355-1234  
**1-800-524-0566**  
 Fax: 610-407-7211  
 www.GasBreakerInc.com  
 info@GasBreakerInc.com