

# UMAC Series 10000

## Tan Label Excess Flow Valves

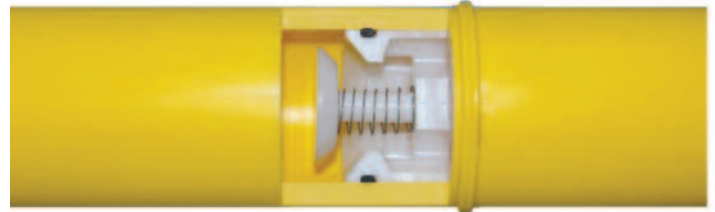
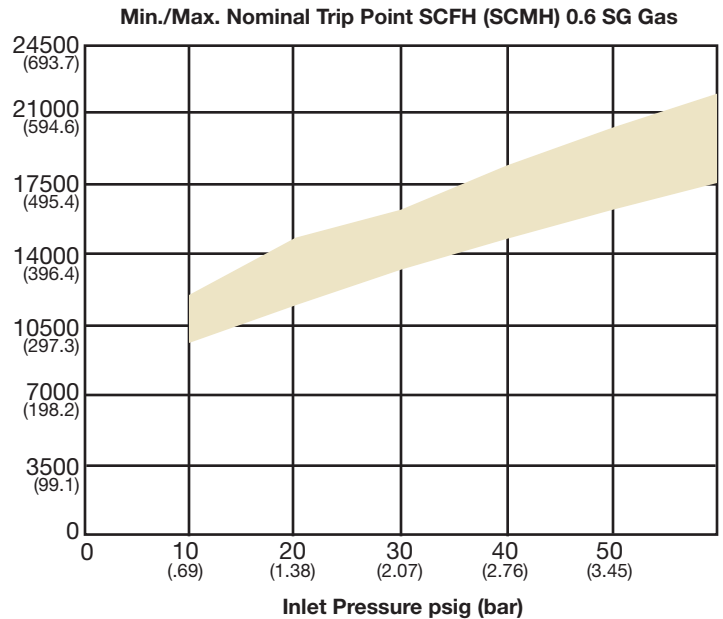
10 psig to 150 psig (690 mbar to 10.34 bar) – Inlet Pressure

Inlet Pressure		SERIES 10000 Nom. Min. Trip Point 0.6 SG Gas		Bypass Flow After Trip (Nom. Max) 0.6 SG Gas	
		SCFH	SCMH	SCFH	SCMH
psig	bar				
10	0.69	10,000	283.17	20	0.57
15	1.03	10,500	297.32	23	0.65
20	1.38	11,000	311.48	25	0.71
30	2.07	12,500	353.96	28	0.79
40	2.76	14,000	396.43	32	0.91
50	3.45	15,000	424.75	35	0.99
60	4.14	16,000	453.07	37	1.05
70	4.83	17,286	489.48	39	1.10
80	5.52	18,629	527.50	41	1.16
90	6.21	20,026	567.06	46	1.30
100	6.90	21,474	608.06	50	1.42
150	10.34	24,265	687.11	75	2.12

**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**



**AVAILABILITY**

UMAC Series 10,000 EFVs available in 2 IPS 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 10000	8000	226	0.51	35



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