

UMAC Series 5500

Turquoise Label Excess Flow Valves

5 psig to 150 psig (340 mbar to 10.34 bar) – Inlet Pressure

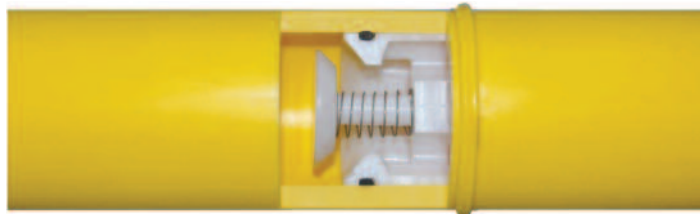
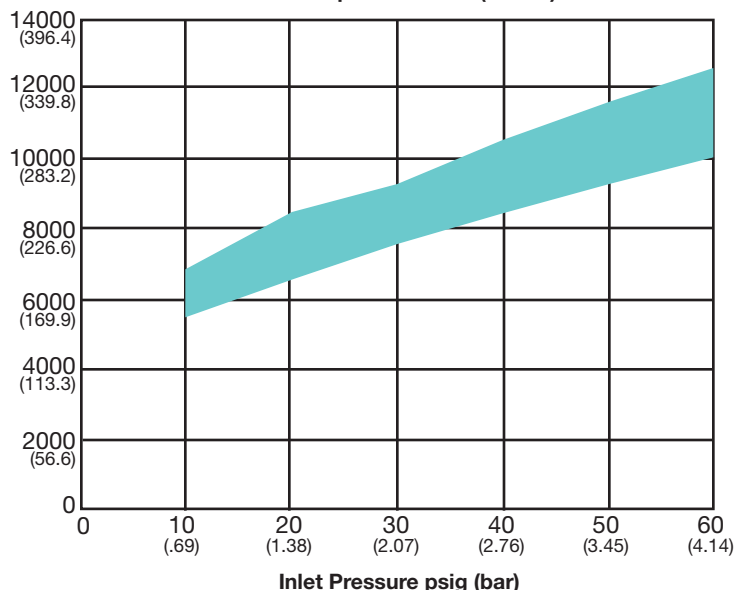
Inlet Pressure		SERIES 5500 Nom. Min. Trip Point 0.6 SG Gas		Bypass Flow After Trip (Nom. Max) 0.6 SG Gas	
		SCFH	SCMH	SCFH	SCMH
psig	bar				
5	0.34	4,800	135.92	18	0.51
10	0.69	5,500	155.74	20	0.57
15	1.03	6,100	172.73	23	0.65
20	1.38	6,700	189.72	25	0.71
30	2.07	7,700	218.04	28	0.79
40	2.76	8,500	240.69	32	0.91
50	3.45	9,300	263.34	35	0.99
60	4.14	10,100	286.00	37	1.05
70	4.83	11,003	311.58	39	1.10
80	5.52	11,933	337.90	41	1.16
90	6.21	12,882	364.78	46	1.30
100	6.90	13,843	391.99	50	1.42
150	10.34	15,643	442.94	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

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



AVAILABILITY

UMAC Series 5500 EFVs available in sizes ranging from 1¼ IPS - 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 5500	4000	113	1.30	90



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