

SUPERTAP FLOW METER Model STFM-H-2.405

FLOW CHART

To be used for Flowbusters with an exit Diameter of approx 2.405"

Full Bore (2.405")			w/ Insert: 1-1/8"		1-3/4"			w/ Insert: 1-1/8"		1-3/4"	
Pressure (psi)	GPM		Pressure (psi)	GPM	GPM		Pressure (psi)	GPM	GPM		
2	239	*	2	55	134		40	247	601		
2.5	272	*	3	68	165		41	250	608		
3	303	*	4	78	190		42	253	616		
3.5	333	*	5	87	212		43	256	623		
4.35	375	*	6	96	233		44	259	630		
4.5	388	*	7.5	107	260		45	262	637		
5	415	*	8	110	269		46	265	644		
5.5	436	*	9	117	285		47	267	651		
6	459	*	10	123	300		48	270	658		
6.5	482	*	11	129	315		49	273	665		
6.93	500		12	135	329		50	276	672		
7.5	520		13	141	343		51	279	678		
8	537		14	146	355		52	281	685		
8.75	562		15	151	368		53	284	692		
10	601		16	156	380		54	287	698		
11	630		17	161	392		55	289	705		
12	658		18	165	403		56	292	711		
13	685		19	170	414		57	294	717		
14	711		20	174	425		58		723		
15	736		21	179	435		59		730		
15.6	750		22	183	446		60		736		
17	783		23	187	456		61		742		
18	806		24	191	465		62		748		
19	828		25	195	475		63		754		
20	850		26	199	484		64		760		
21	871		27	203	494		65		766		
22	891		28	206	503		66		772		
23	911		29	210	512		67		778		
24	931		30	214	520		68		783		
25	950		31	217	529		69		789		
26	969		32	221	537		71.4		803		
27	987		33	224	546						
28	1005		34	227	554						
29	1023		35	231	562						
30	1041		36	234	570						
31	1058		37	237	578						
32	1075		38	240	586						
33.5	1100		39	244	593						

The formula for determining flow flow in the FM approved range is as follows: $GPM = K \text{ factor} * \text{SQRT}(PSI)$
 $K = 190$ (full bore - STFM-H-2.405)
 $K = 95$ (1-3/4" Insert)
 $K = 39$ (1-1/8" Insert)

* = Accurate, but Outside of FM Range