

# WATERFALLS

WIDTH OF WATERFALL	HEIGHT OR THICKNESS OF WATER					
	1/8"	1/4"	1/2"	3/4"	1"	1 1/4"
G A L L O N S   P E R   M I N U T E						
6"	.75	2.22	6.23	11.38	17.37	24.09
1'	1.55	4.46	12.57	23.06	35.34	49.23
2'	3.13	8.95	25.25	46.40	71.28	99.51
3'	4.72	13.40	37.93	69.75	107.22	149.79
4'	6.30	17.92	50.61	93.10	143.16	200.10
5'	7.90	22.42	63.29	116.45	179.10	250.35
6'	9.50	26.89	75.97	139.80	215.04	300.63
7'	11.10	31.38	88.65	163.15	250.98	350.91
8'	12.60	35.86	101.33	186.50	286.92	401.20

Formula used to calculate gallons per minute

$$Q = 1495 (H^{3/2}) (B - .2H)$$

Q = Gallons per minute

H = Height of water in feet

B = Width of water in feet



*Discover the Difference*