



Inside the Tower



Volumetric Flow Meter



Costs

Item	Min	Max	
Leakage rate -	1	2	oz per second
Conversion factor -	0.0078	0.0078	Gallons per ounce
Leakage rate -	0.0078125	0.015625	Gallons per second
Leakage rate -	0.4687	0.9375	Gallons per minute
Leakage rate -	28	56	Gallons per hour
Leakage rate -	20,531	41,062	Gallons per month
Leakage rate -	246,375	492,750	Gallons per year
Water cost -	\$0.0028	\$0.0028	\$/gallon
Sewer charges -	\$0.0048	\$0.0048	\$/gallon
Water and sewer costs -	\$0.0076	\$0.0076	\$/gallon
Monthly cost -	\$156	\$312	
Annual cost -	\$1,870	\$3,740	

Level Relay -	\$400	
Electrode Holder -	\$320	
Electrodes -	\$310	
Ball valve with actuator -	\$350	
Misc. Materials -	\$250	
Materials Total -	\$1,630	
Installation -	\$4,075	
Total -	\$5,705	
1-1/2 Float Valve -	\$67	

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Water and sewer costs -	\$0.0076	\$0.0076	\$/gallon
Monthly cost -	\$156	\$312	
Annual cost -	\$1,870	\$3,740	
Simple Payback - Materials -	0.87	0.44	years
Simple Payback - Materials plus Installation -	3.05	1.53	years

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