

Wilkins Hydrant Backflow Meter (HBM) Valves 3-RPHBM and 2-975XLHBM

General Benefits to Water Purveyor

- Generate revenue for the water agency.
- Backflow protection for temporary water usage on fire hydrants.
 - Construction/building development.
 - Water use for soil compaction and dust control.
 - Water use for building (concrete, plaster, landscaping, etc).
 - Special events.
- Determine and regulate water consumption for all hydrant water users.

Financial Benefit for Water Agency

Generate revenue from the sale of water, HBM use fees and HBM security deposits.

- Water consumption (per gal. or per cu. ft.): Billed monthly to customer.
- Use fee for HBM product: Billed monthly to customer.
- Security deposit: One time charge for HBM use to cover lost, stolen or damaged device is deposited into an interest bearing account for duration of water contract.
- Deposit is refunded to user less testing fees, parts and labor.



Hundreds of Hydrant Backflow Meter Programs Exist in the U. S.

Data from 28 different programs across the country yield the following information:

(Note: 748 gallons = 100 cubic feet = 1 HCF)

	U.S. Average	U.S. Maximum	U.S. Minimum
Water Rate (\$US per HCF)	2.22	5.50	0.71
HBM Use Fee (\$US per month)	122.57	304.16	30.00
HBM Deposit (\$US)	956.46	3000.00	85.00

HBM Revenue Calculation Worksheet

This worksheet is designed to calculate potential revenue generated by an HBM program.

1. Enter current data into table.

Cost of HBM		Water Rate / (GAL/HCF)	
HBM Service Deposit		Use Fee / Month	

2. Define an HBM use senario or retrieve data from a current program.

Project Length (months)		Water Use / Month	
Total Water Use (GAL/HCF)			

3. Calculate HBM revenue.

Water Rate / (GAL/HCF)	X	Total Water Use (GAL/HCF)	=	
Use Fee / Month	X	Project Length (months)	=	
		Total HBM Revenue Earned		
		Cost of HBM Device	-	
		Net Revenue Earned		