



Why Your Laundromat Pays More for Water Than It Should — and How to Fix It

Water Flow Innovations LLC

Flow Conditioning Device (FCD)
waterflowinnovations.com

Water is your largest variable operating cost after rent — and your meter counts more than actually arrives. **Washer fill cycles, hot water heater demand, and simultaneous multi-machine peaks create the conditions for air, gas, and turbulence to form in the line at your meter — and you're billed for it.** The FCD (Flow Conditioning Device) corrects the measurement. Machine performance and every customer cycle stay exactly the same. Your water bill drops — and so does your sewer bill, because sewer charges are calculated from the same inflated meter reading. One device. Two bills fixed.

WHY LAUNDROMATS WATER METERS OVER-READ

The Core Problem: A Laundromat's Entire Business Model Is Built on Water — Making Every Over-Read Dollar Directly Margin

Laundromats have the highest water cost as a percentage of revenue of any retail service business — typically 15–25% of gross. When the supply meter over-reads fill cycles and simultaneous machine demand, that percentage is inflated on every single transaction every day. The FCD corrects that at the meter permanently, without changing machine fill volumes, cycle times, or any customer-facing service.

THE THREE OVER-READING SOURCES UNIQUE TO LAUNDROMATS & COIN LAUNDRY FACILITIES



Washer Fill Cycle Surges

Commercial washer fill cycles create high-velocity demand events on every wash load — generating air, gas, and turbulence at the supply meter with every fill across every machine throughout the entire operating day.



Hot Water Heater Demand

Commercial water heater cycling with machine demand creates variable high-velocity draw events — generating air, gas, and turbulence at the supply meter on every heater activation throughout the operating day.



Simultaneous Multi-Machine Peaks

Multiple washers filling simultaneously during peak hours create compounding demand surges — generating maximum air, gas, and turbulence at the supply meter during the busiest periods of every operating day.



Your Water Cost Per Load Is Higher Than It Should Be — and the FCD Fixes It Permanently

Laundromat operators track water cost per load as a core profitability metric. When the meter over-reads fill cycles and simultaneous demand, that cost is inflated on every wash, every day, at every machine. After FCD installation, metered intake reflects true use — permanently lowering water cost per load and improving unit economics for single-location operators and multi-site laundromat chains alike.

BEFORE & AFTER THE FCD

WITHOUT FCD

- ✗ Air, gas & turbulence billed as water volume
- ✗ Fill cycles inflate meter on every load
- ✗ Multi-machine peaks compound over-reading
- ✗ Water cost per load inflated every transaction
- ✗ Sewer charge tied to inflated meter

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WITH FCD INSTALLED

- ✓ Metered volume reflects water actually delivered
- ✓ Fill cycles read accurately
- ✓ Multi-machine peaks measured correctly
- ✓ True water cost per load revealed
- ✓ Sewer charge based on real usage

5–30%

Average water & sewer bill reduction

46%

Highest documented single-site reduction

~1 Hour

Install time — water off about 1 hour

6-Mo

Money-back, no questions asked · install non-refundable

How the FCD Works — Four Steps

1

Installs between two pipe joints right after your water meter — water off about one hour

2

Creates a slight back-pressure that extends back through the meter, reducing air, gas, and turbulence

3

Delivers a laminar-like flow profile through the meter — the condition it was calibrated to read

4

Meter reads accurately. Bill drops. Machine fill volumes, cycle times, wash quality, and every customer-facing service are effectively unchanged.