



Drain-Tech.

- Advanced Foam Technology.
- 360-Degree Biological Coverage.
- Powered by Nature.
- Engineered for Performance.

The future of commercial drain maintenance.



The Challenge for Commercial Kitchens

Commercial Kitchens face significant operational hurdles related to their drain systems, leading to increased costs and disruptions.



Frequent FOG (Fats, Oils & Greases) buildup from high-volume cooking



Costly emergency plumbing calls disrupting operations



Regular pump-out procedures adding to maintenance costs



Drain flies and odor issues affecting customer experience



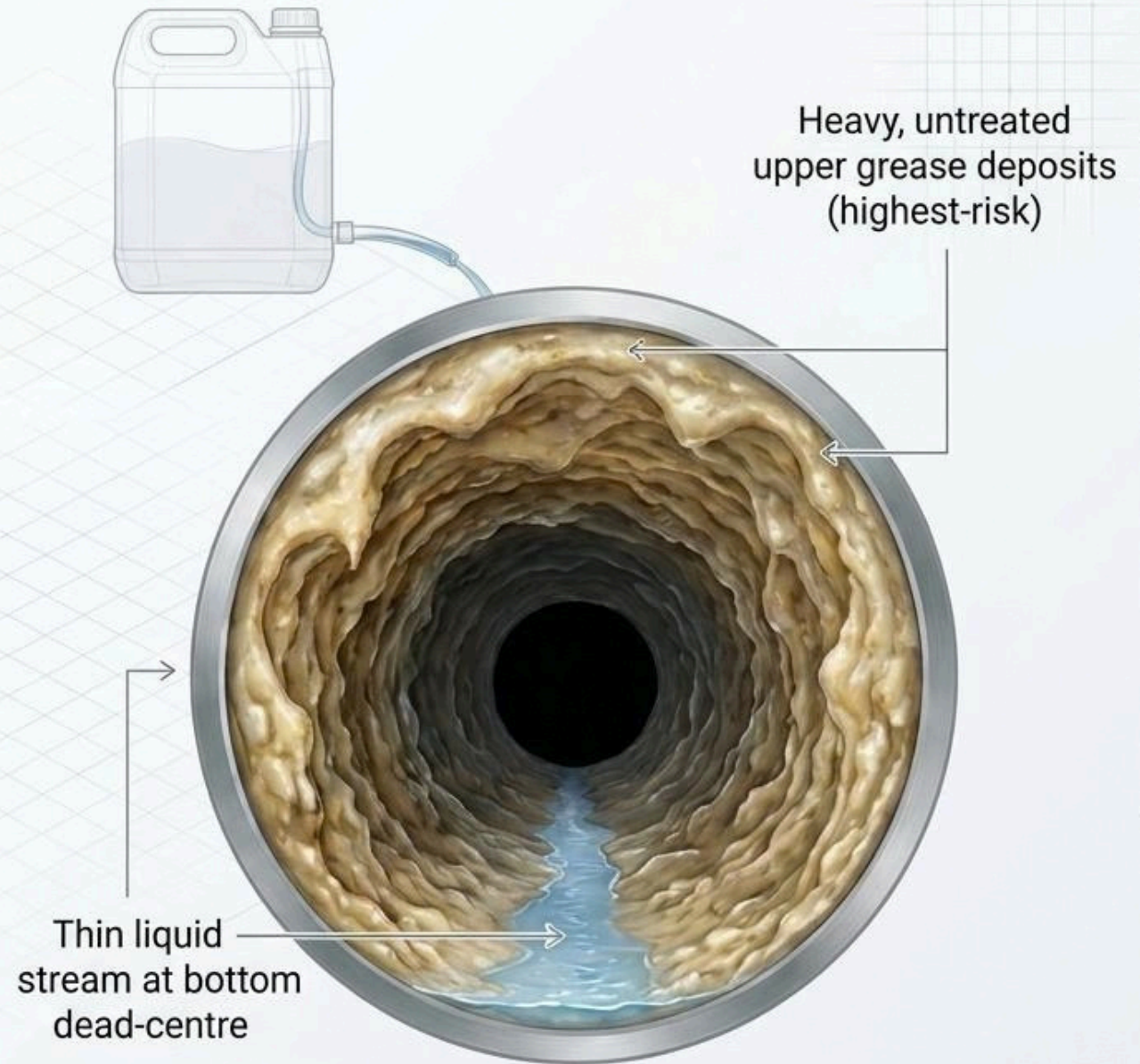
Downtime from drain blockages during peak hours

Gravity dictates the failure of conventional liquid dosing.

Traditional systems dispense small volumes of diluted liquid that simply run along the lowest point of the pipework.

The Gravity Constraint

Because liquid naturally follows gravity, the vast majority of the pipe's internal circumference receives absolutely no contact during a dosing cycle. The highest-risk grease deposits remain entirely untouched.



Enter Drain-Tech

A highly **concentrated solid BioBlock** that generates a fresh, **active biological treatment on demand**, eliminating the need to transport water inside plastic containers.



The Solution

- Automated solid block treatment system
- Bacteria and detergent in solid form
- QPS Class 1 Bacteria – DNA Traceability/Food safe
- Programmed dosing via LCD timer
- Holds 2 blocks = Up to 180 days of treatment
- 1.5kG Block is equivalent to 25ltrs of Liquid drain digester
- Compact design: **23cm W x 25-34cm H x 23cm D**
- Fits seamlessly into existing kitchen infrastructure



QPS 1 Compliant

Bacteria

(Food Safe)

FOAM 360°

AERATION

SUPERIOR DOSING



How Drain-Tech Works



STEP 1: INSTALLATION

- Compact dispenser installed near main drain or grease trap
- Integrated backflow protection (Cat 5) ensures safety
- Minimal disruption to kitchen operations



STEP 2: PROGRAMMING

- LCD screen allows timer programming
- Set dosing frequency based on kitchen volume
- Automated scheduling requires no daily staff action



STEP 3: TREATMENT

- Solid blocks dissolve and release bacteria + detergent
- Foaming action reaches 360° of piping
- Aeration optimizes bacteria growth cycle



STEP 4: RESULTS

- FOG digested into CO₂ and water
- Drains stay clean and free-flowing
- No odors, no flies, no blockages

Treatment Blocks

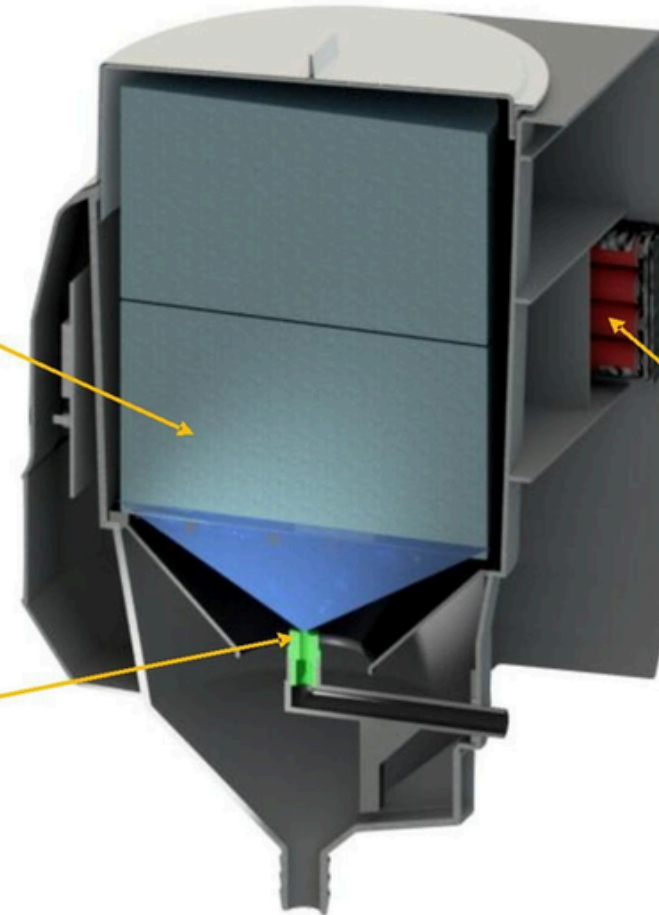
System holds 2 blocks
or 180 days of product

Spray Nozzle

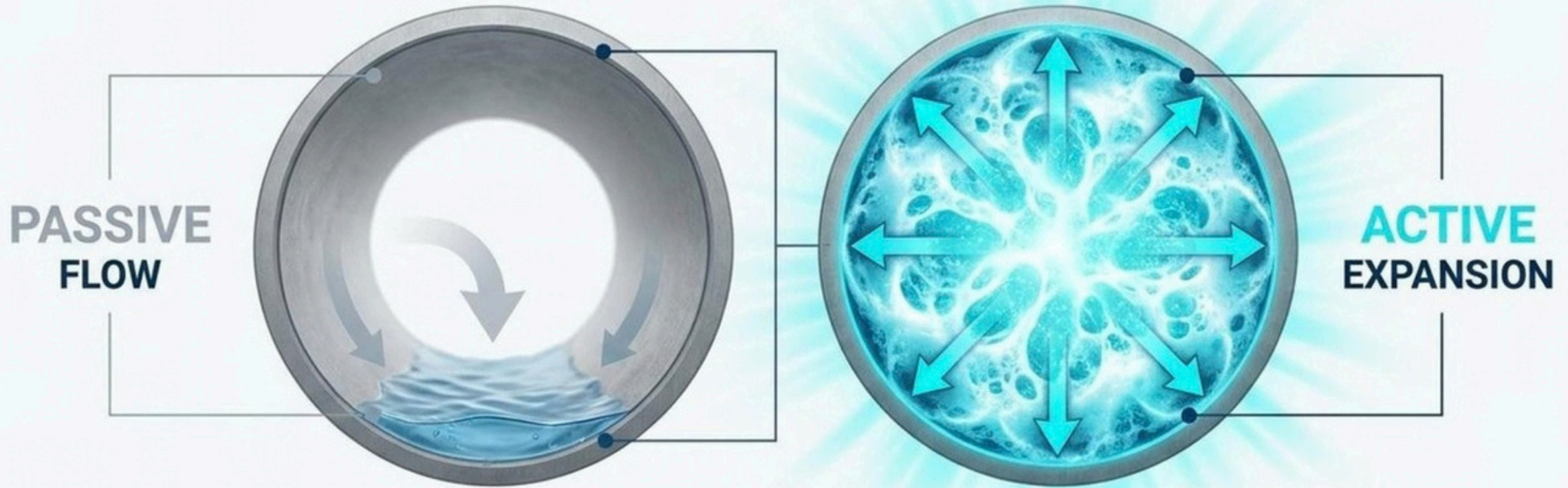
- 120deg, 2lpm

Battery Compartment

- 4 AA batteries
- Calculated 1+ year life



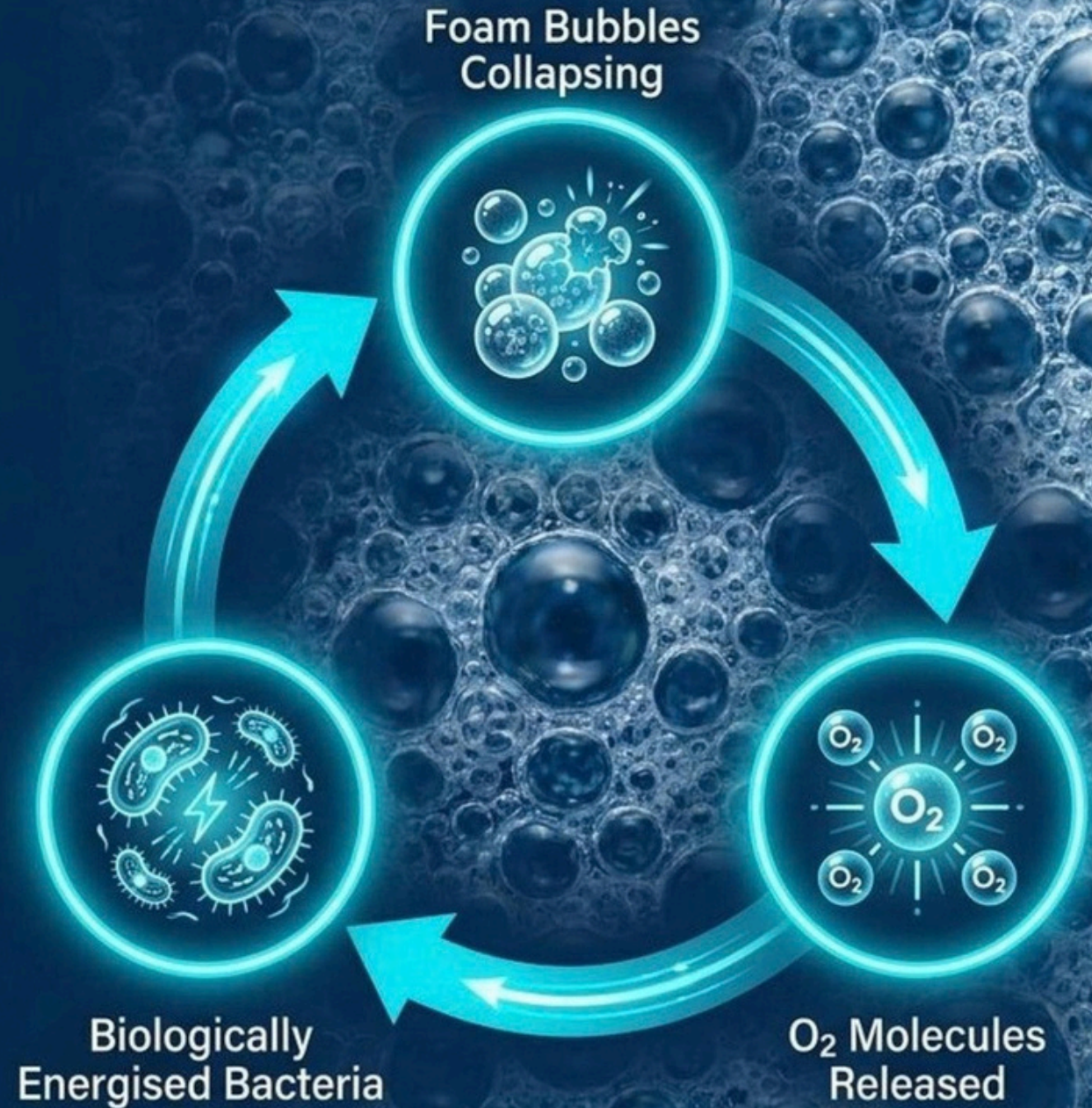
Active Expansion vs. Passive Flow



Rather than flowing only along the bottom of the pipe, the expanding active biological foam surrounds the entire internal surface, providing enhanced 360-degree coverage exactly where fats, oils, and grease accumulate.

Oxygen-Energised Aeration

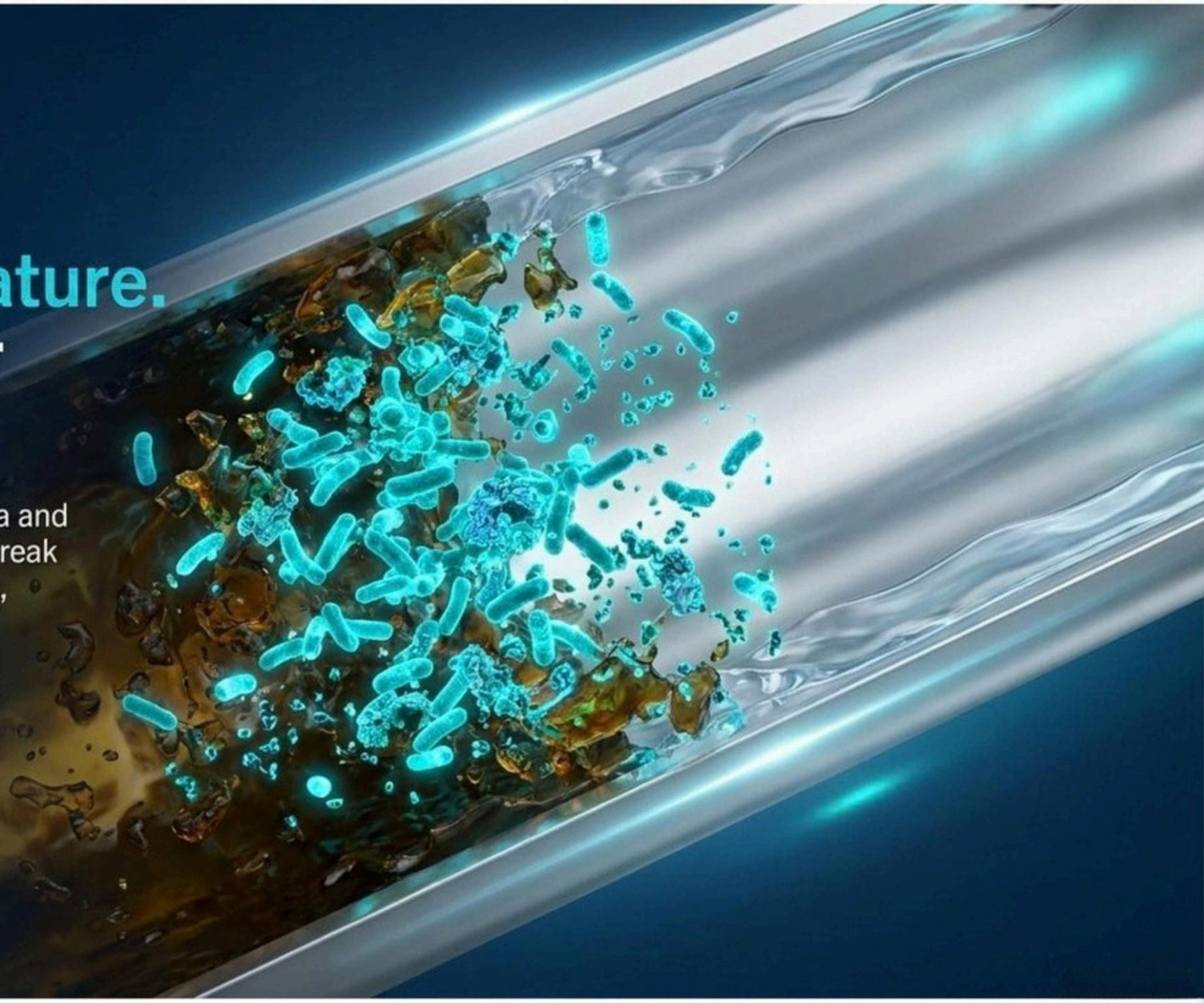
Thousands of microscopic air bubbles travel throughout the pipework. As they naturally collapse, they release oxygen into the biological solution. This aeration creates favourable conditions for aerobic bacteria, supporting their activity as they digest fats, oils, and grease.



Powered by Nature. Engineered for Performance.

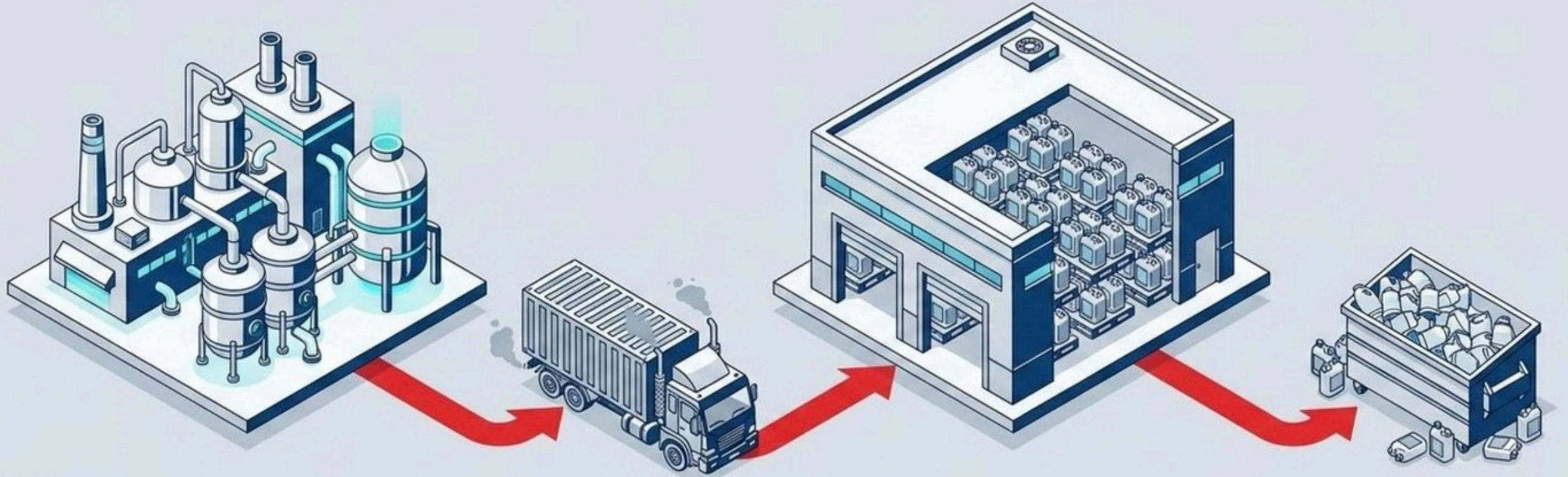
Billions of carefully selected bacteria and specialised enzymes continuously break down grease deposits into harmless, biodegradable compounds.

The result: crystal clear water and a healthy, protective biofilm.



The New Standard in Drain Maintenance

	Conventional Liquid		Drain-Tech BioBlock	
Delivery Mechanism	Gravity Flow	✗	Active 360° Foam	✓
Pipe Coverage	Limited (Bottom Only)	✗	100% Circumference	✓
Bacterial Environment	Anaerobic (Slow)	✗	Aerobic (Oxygen-Energised)	✓
Form Factor	Heavy Diluted Liquid	✗	Concentrated Solid Block	✓



The Logistics Burden

Traditional dosing systems require manufacturing, transporting, storing, and disposing of huge volumes of heavily diluted liquids in single-use plastics. Ultimately, you are paying to transport water.

Solids vs. Liquids: Why Drain-Tech Wins

DRAIN-TECH SOLID

- 4-minute dose treats ~8 meters of piping
- 40x more effective coverage than liquid systems
- Foaming action contacts 360° of piping
- Aeration creates optimal bacteria growth
- No spillage or waste
- Consistent dosing every time
- 180 days of treatment in compact space



1.5Kg Block is equivalent to 25ltrs of Liquid Drain digester

TRADITIONAL LIQUID SYSTEMS

- Limited reach and coverage
- Risk of Spillage and waste during application
- No Foaming action
- Requires more frequent refilling
- Takes up more storage space
- Higher labor costs for application/handling
- Less effective bacteria delivery



Advancing Your Sustainability Goals



Less Plastic



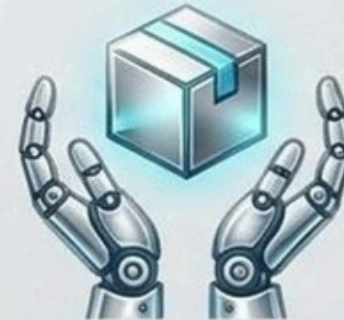
Less Transport
Emissions



Minimal Storage
Required



Lower Carbon
Footprint



Reduced Manual
Handling

Sustainability: Why Drain-Tech is the Eco-Friendly Choice

DRAIN-TECH SOLIDS - ZERO PLASTIC WASTE

- Solid blocks in cardboard packaging (100% recyclable)
- No plastic bottles or containers
- No plastic waste entering landfills
- Minimal packaging footprint
- Blocks dissolve completely - nothing left behind
- Biodegradable treatment formula
- Reduces carbon footprint from plastic production and transport



1 x small box holds 1 year supply (4 blocks)
Zero plastic waste

ENVIRONMENTAL BENEFITS:

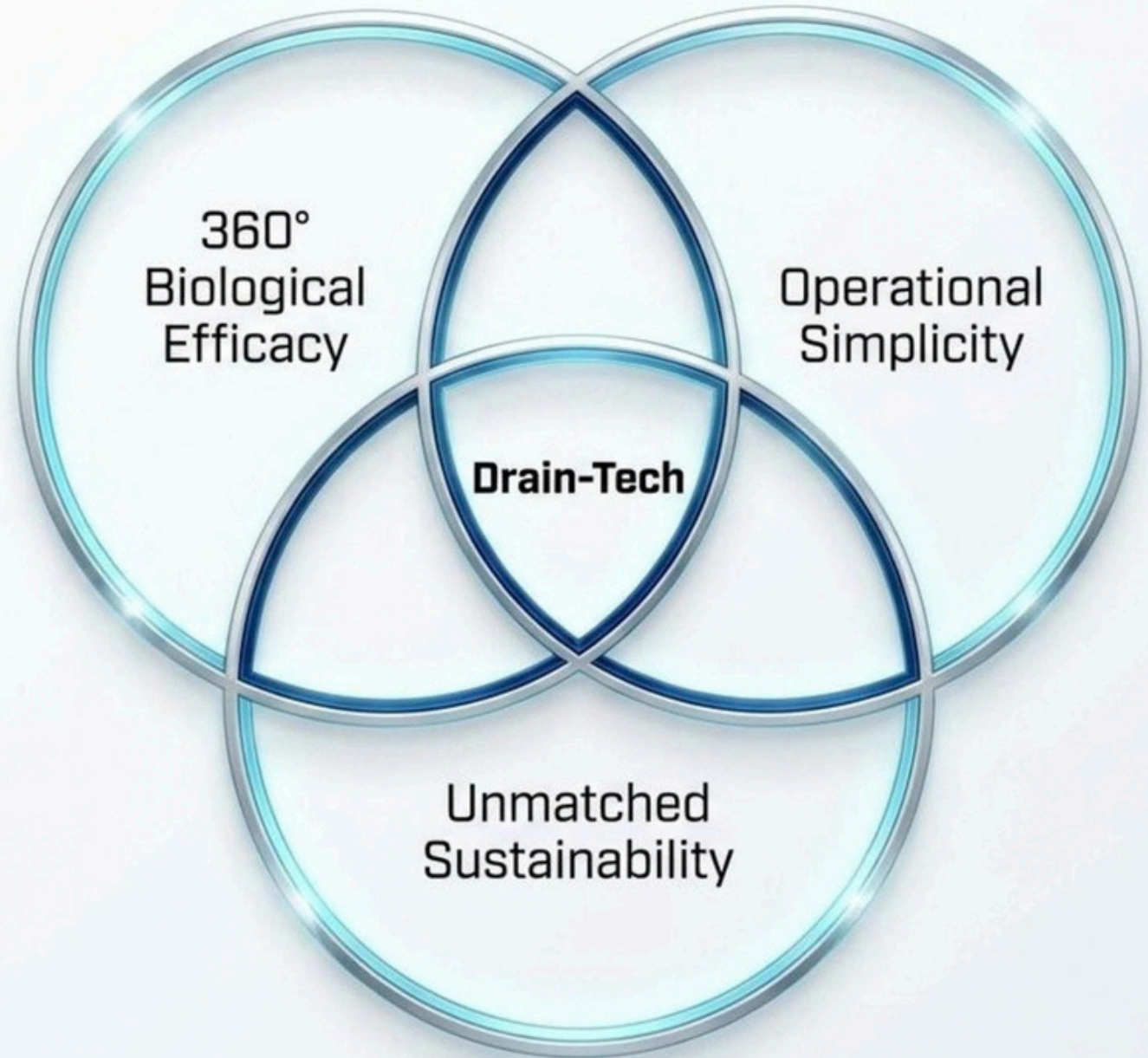
- Eliminates millions of plastic bottles annually across restaurant chains
- Reduces plastic pollution in oceans and landfills
- Lower manufacturing emissions (solids vs. liquid production)
- Compact design = reduced shipping weight and emissions
- 180 days of treatment in minimal space = less frequent deliveries



1 x 5ltr of Drain Digester lasts 1 month
12 bottles per store per year

The Ultimate Triple Bottom Line

Drain-Tech doesn't just solve blockages; it fundamentally upgrades how enterprise facilities manage waste, operational resources, and ESG compliance.



Key Benefits

COST SAVINGS

Reduces frequency of costly pump-out procedures and emergency plumbing calls

OPERATIONAL EFFICIENCY

Minimizes downtime from drain blockages during peak service hours

CUSTOMER EXPERIENCE

Eliminates foul odors and drain flies that affect dining areas

ENVIRONMENTAL

Digests waste into carbon dioxide and water, safe for environment and people

MAINTENANCE

Keeps grease traps, pipes, drains and urinals clean and free-flowing

RELIABILITY

Automated system requires minimal staff intervention and training





Why customers Should Choose Drain-Tech



PROVEN TECHNOLOGY

- Bacteria resilient to wide range of pH and temperature (perfect for restaurant kitchens)
- Tested and proven in high-volume food service environments



SCALABILITY

- Perfect for single locations or entire networks
- Consistent performance across all locations
- Easy to monitor and manage remotely



COMPLIANCE & SAFETY

- Integrated backflow protection (Cat 5) meets plumbing codes
- Safe for environment, people, and piping
- No hazardous chemicals or disposal concerns



COMPETITIVE ADVANTAGE

- Differentiate as an environmentally responsible brand
- Improve operational reliability and customer satisfaction
- Reduce total cost of ownership vs. competitors



SUPPORT & PARTNERSHIP

- Dedicated technical support
- Training for staff
- Ongoing monitoring and optimization

Drain-Tech: The Future of Restaurant Drain Management

01GreaseMaster is committed to operational excellence and sustainability. Drain-Tech delivers both—reducing costs, eliminating problems, and improving the customer experience across your entire network.

With proven solid-block technology, automated dosing, and 40x better coverage than liquid systems, Drain-Tech is the smart choice for modern restaurants.

Let's partner to transform how your company manages drains.



Uninterrupted Operations

Cleaner, free-flowing drainage systems. No emergency call-outs.
No disruption. A smarter solution for your business.

