



EDUCATION SESSION

dispenselT Gen2

Simplify, Save, and Take Control

Why Chemical Delivery Matters



Your chemistry is the foundation of your wash quality

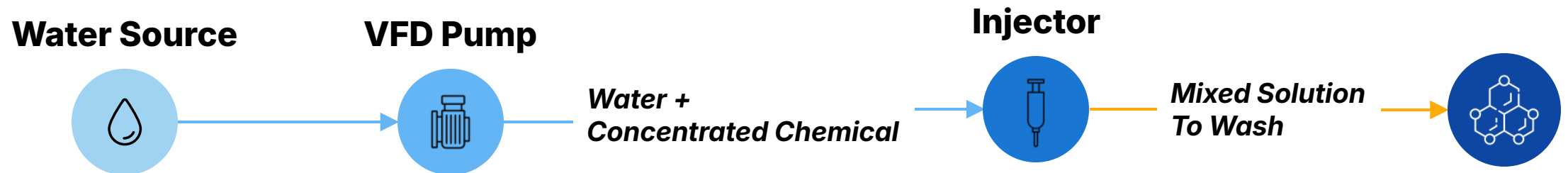


Chemistry is only as effective as the system delivering it



A good chemical delivery system protects your margins and your reputation

Principles of Operation



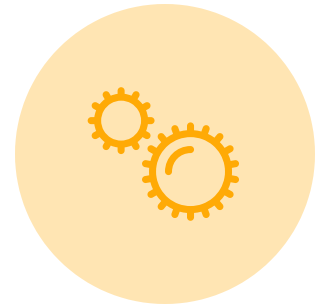
The Challenges with Traditional Systems



Inconsistent Mixing & Flow



Maintenance & Downtime



Complex Installation

How Gen1 Solved Chemical Delivery Challenges

Challenge	Our Solution	Benefit
Inconsistent mixing & flow	Solution metered with DEMA Rocket injectors	Precise chemical delivery with consistent pressure and accurate ratios
Maintenance & Downtime	Industrial, non-proprietary components. Individual valves can be isolated	Reduces replacement costs, minimizes downtime and maintenance
Complex Installation	Modular plug-and-play system with a single board	Faster, cleaner install with flexible layout and easier access

What We Heard From Operators

“I want to test and troubleshoot functions right from the board.”

“I'm struggling with sticking valves.”

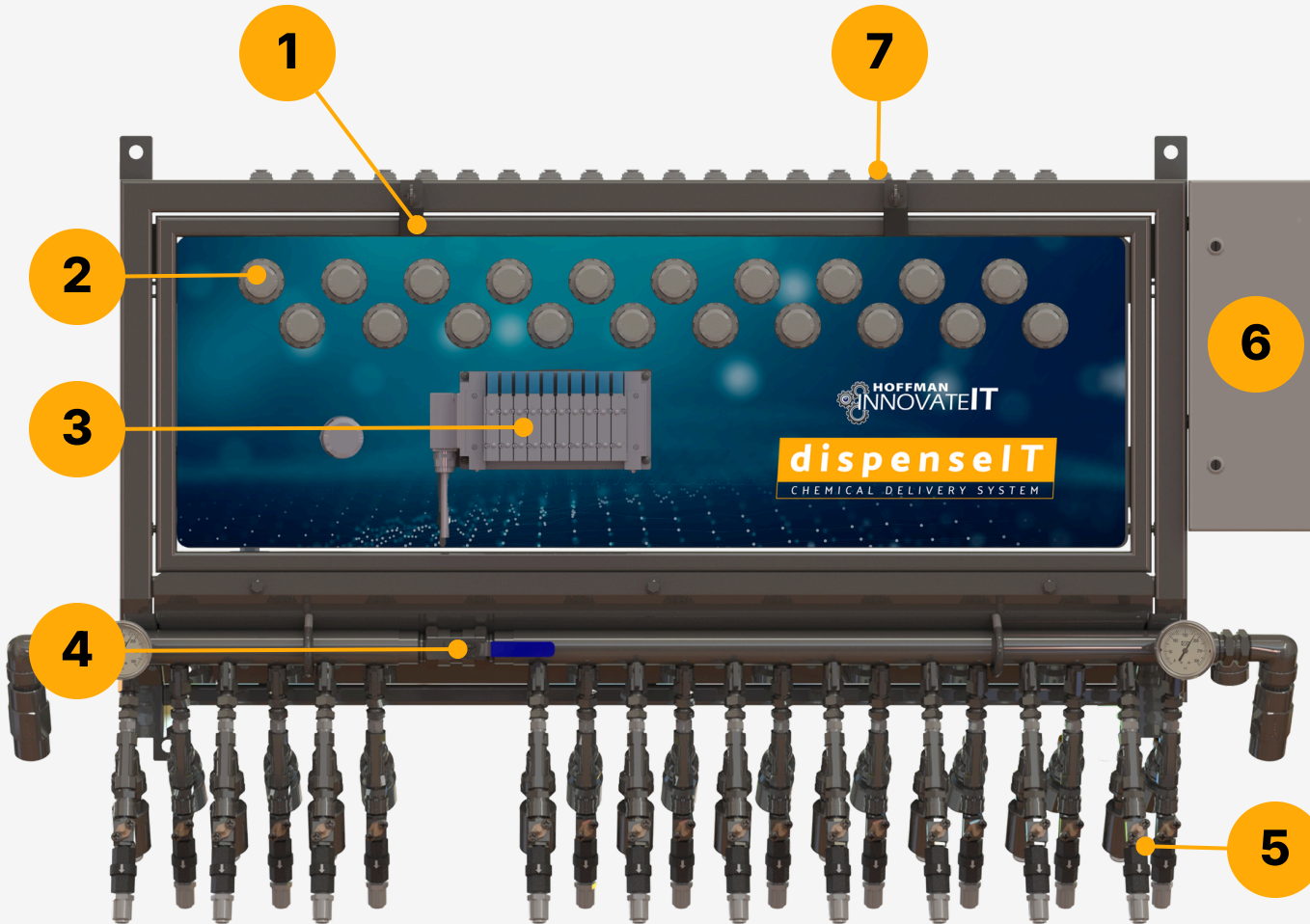
“Can we get quick connect high flow injectors?”

“I wish it was lighter and easier to mount.”

From Feedback to Functionality

What's New In Gen2

Layout & Component Overview



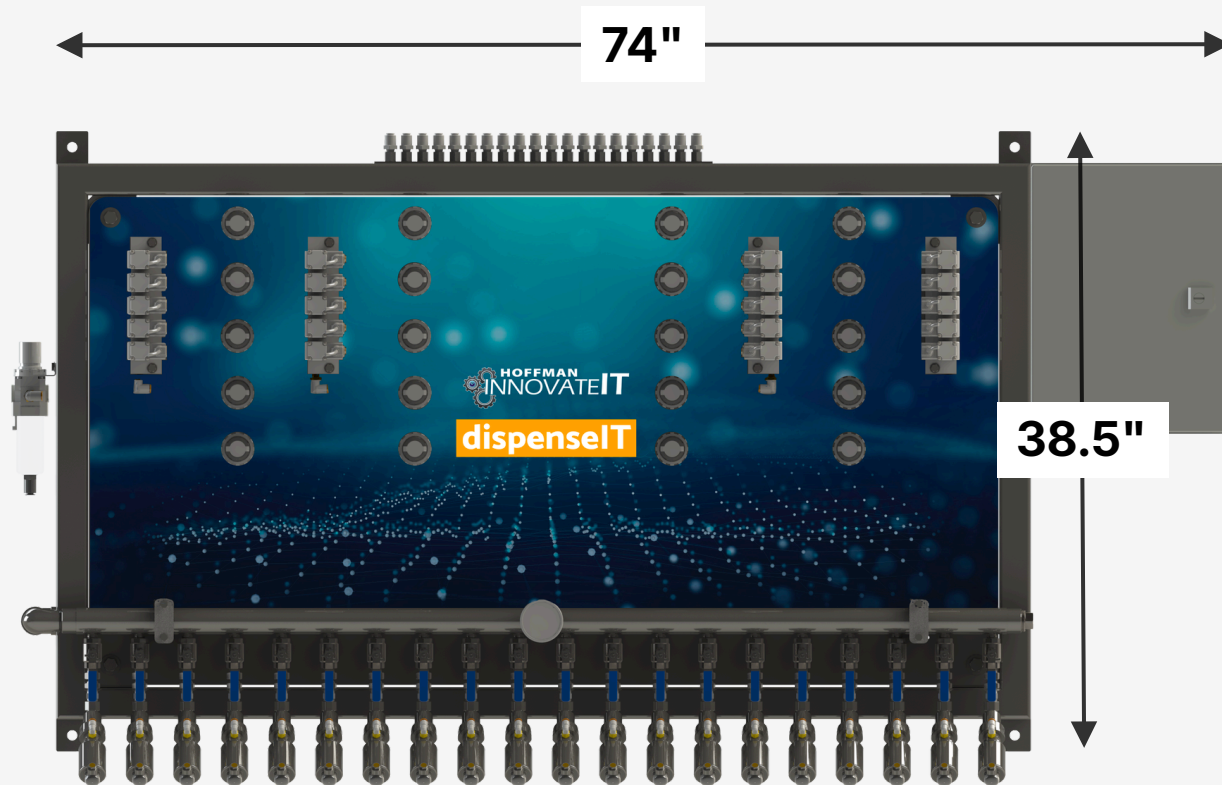
- 1 **Hinged Back Panel**
- 2 **Foam Air Regulators**
- 3 **3-Way Air Control Manifold**
- 4 **Dual-Feed Manifold**
Optional
- 5 **DEMA Rocket Injectors**
- 6 **Electrical Enclosure**
- 7 **Foaming Air Ports**

Updates, Features, and Benefits

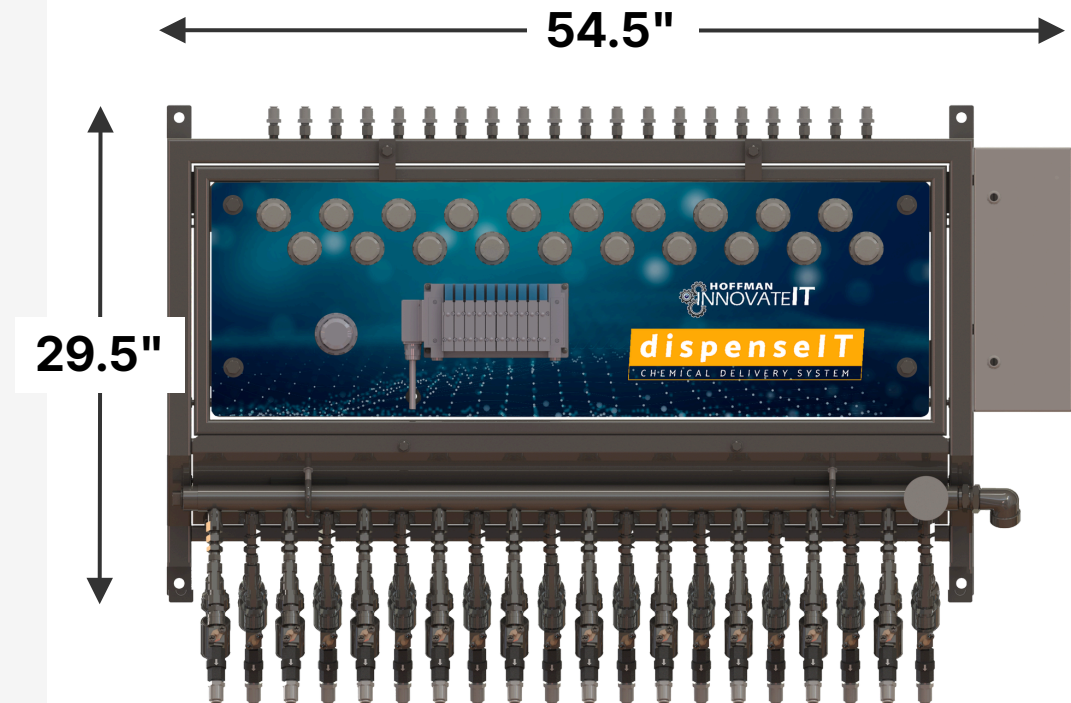
Feature/Update	Benefit
Redesigned back panel with hinged access	Improves access for maintenance; simplified layout for clear function mapping, faster troubleshooting/service, and easier installation
3-way valves	Provides more accurate exhausting and closing of process valve and higher flow rate for foaming functions
Air control manifold	Allows individual function testing and simplifies air control for foaming regulators/valves
Redesigned electrical enclosure*	Fewer cable penetrations simplify installation
Manual function testing	All functions have relays that can be manually overridden in the enclosure, enabling quick diagnostics and service
Compact footprint	Width reduced up to 40% vs. Gen1 utilizing offset valve manifold
All quick connect injectors	Simplifies injector swapping

*additional 120VAC constant power required for 24DC power supply

Reduced Footprint



Gen1



Gen2

Manual Testing

- **Pneumatic & Electrical Test Points**

- All functions have relays that can be manually overridden in the enclosure, enabling quick diagnostics and service
- Individual valve actuation can be tested from the Air Control Manifold



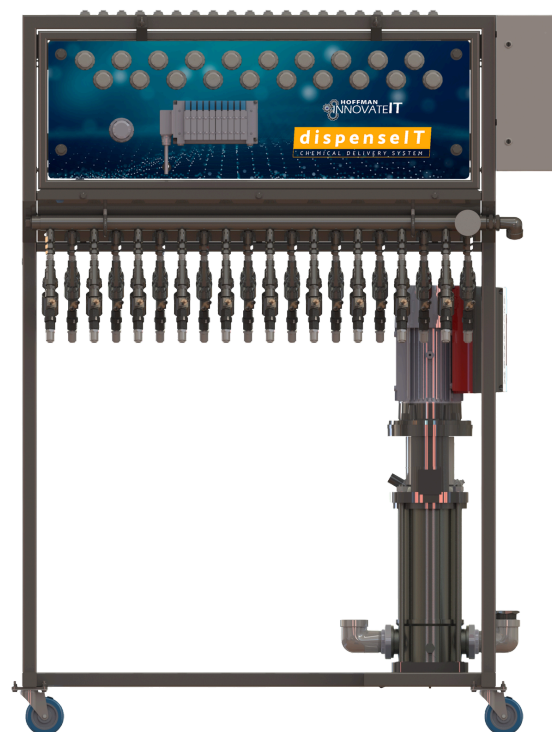
System Overview & Options

Specifications

	dispenseIT
Pump Output	5 HP - 30 GPM @ 200 psi 7.5 HP - 40 GPM @ 200 psi
Solution Output	0.3-15 GPM @ 200 psi
Voltage (Pump)	208 VAC / 3 PH 480 VAC / 3 PH
Rated Current (5 HP Pump)	12.7 A (208) 5.8 A (480)
Rated Current (7.5 HP Pump)	19.2 A (208) 8.5 A (480)
Power Requirements (Controls)	24 VAC/DC - 9 mA per function 120 VAC - 4 mA per function
Air Supply	2 SCFM @ 80-100 psi
Air Connection	3/8" poly tube
Water Connections	5 HP - 1.25" FNPT 7.5 HP - 2" FNPT municipal supply 1/2" - 3/4" discharge per function

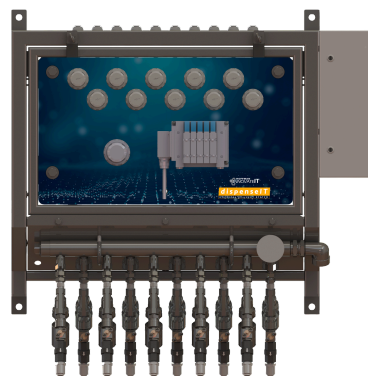
Configurations

Floor Mount



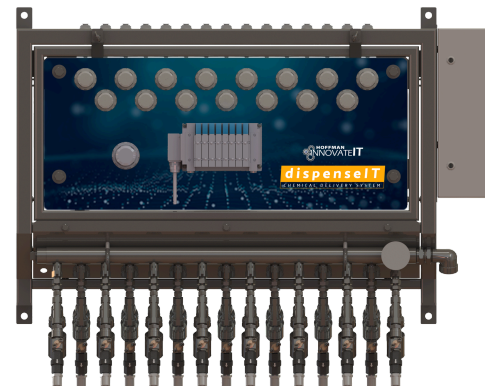
54.5" w x 73.75" h x 23.25" d

10 Function



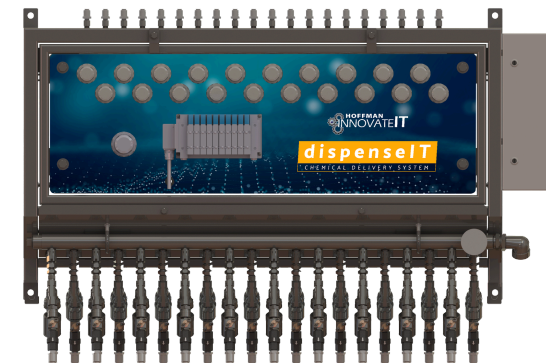
35.75" w x 29.5" h x 14.25" d

15 Function



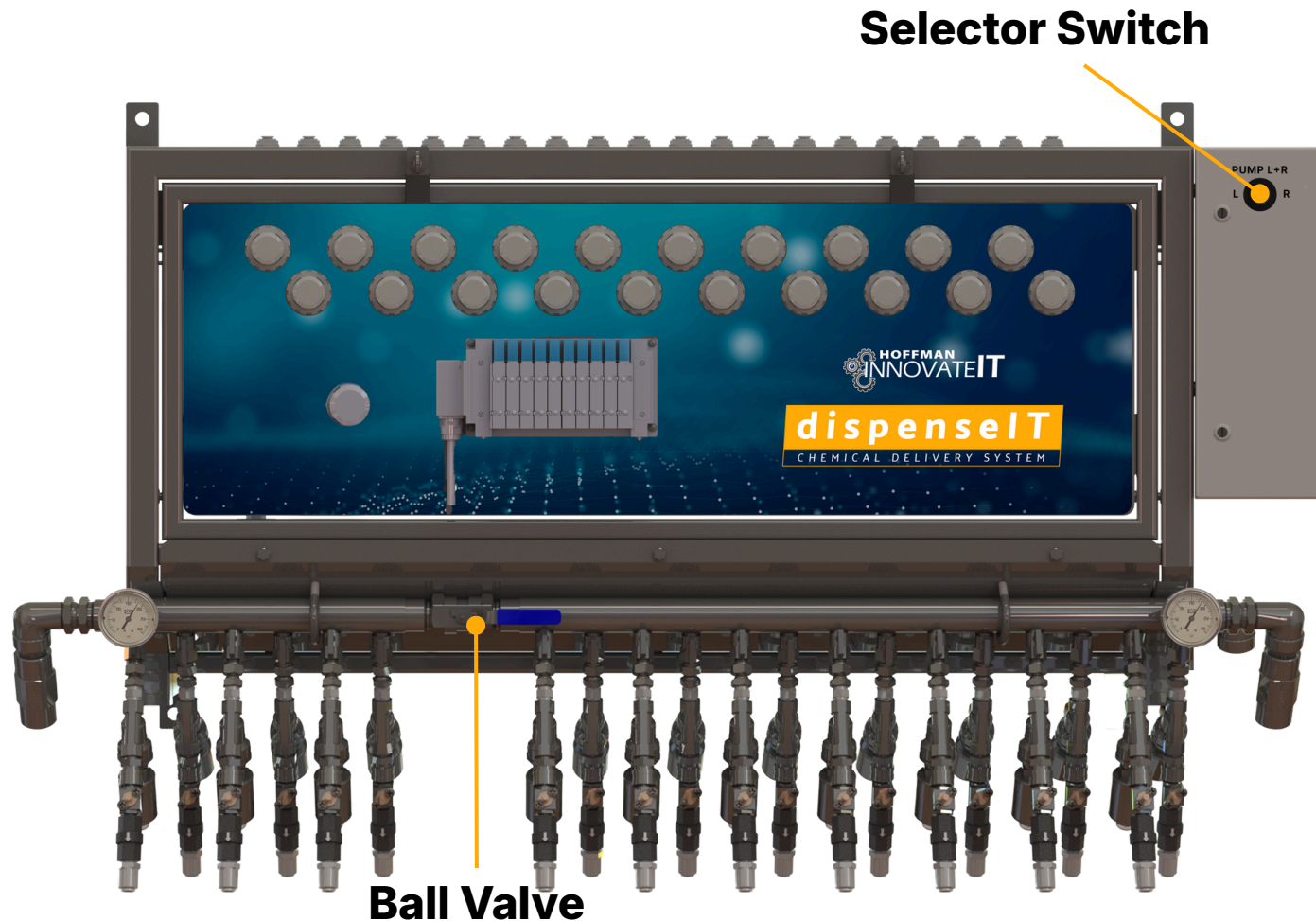
45.125" w x 29.5" h x 14.25" d

20 Function



54.5" w x 29.5" h x 14.25" d

Split Manifold



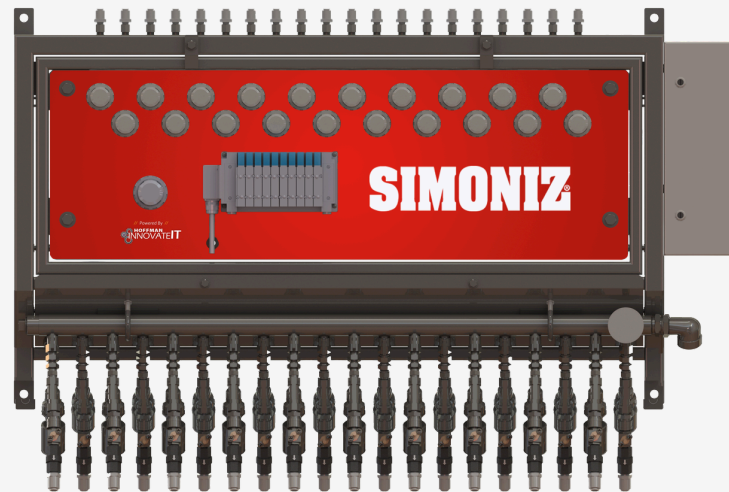
Split Manifold

Supports multiple water sources for flexible plumbing and overall system redundancy

Configurations & Add-Ons

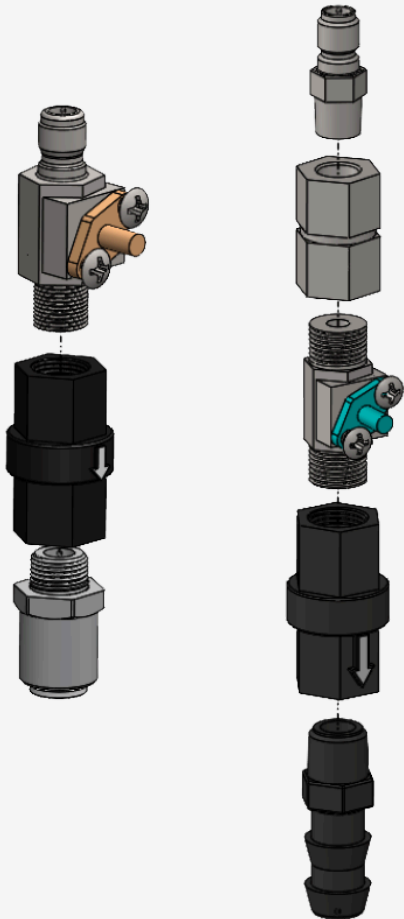


- **Air Gun**
 - Air supply to blowdown/purge lines and injector tips
- **Custom Back Panel Decal**
 - Add your or your end user's logo/branding
- **Pre-filter & Housing**



Injector Options

DEMA Rocket Standard & High Flow Injectors



DEMA Rocket Injector Flow Rates

Flow Rate (GPM) @ 200 psi														
0.30	0.55	0.85	1.1	1.7	2.4	2.6	3.4	4.3	5.3	6.1	8	10	12	15

- Triple Foam Manifold
- DEMA IOTA

DEMA IOTA



- Provides precise, repeatable dilution control for ultra-concentrate chemicals
- Achieves lean ratios beyond 1000:1 with consistent, reliable performance
- Toolless disc design allows quick, flexible adjustment of dilution rates
- Ensures low-maintenance operation across all chemical applications

Trusted By Industry Leaders



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Q & A



Thank You!



dispenseIT Gen2

Chemical Delivery System