

# COOLANT MIXERS

The Coolant Mixing System is mounted above the concentrate drum or tote. The Dosatron gas nozzle style fill hose can be used to fill transfer buckets or the mixed coolant discharge can be plumbed directly into the central coolant distribution system.

## WATER-ACTIVATED COOLANT MIXERS IDEAL FOR:

- BUCKET FILL
- CENTRAL OVERHEAD SYSTEM

## HOW DOES IT WORK?

The Dosatron operates by using the same water needed to dilute the coolant to its required concentration as the energy source to drive the piston.

On the upstroke of the piston, the plunger creates a vacuum, drawing the concentrated fluid into the lower stem from the suction hose. On the down stroke, the plunger displaces the concentrate into the mixing chamber, where it mixes with the supply water, creating a blended solution on the outlet side.

## WHAT SETS US APART?

Unlike venturi, the dose of concentrate will be directly proportional to the volume of water entering the Dosatron, regardless of variations in flow or pressure which may occur in the main line. The adjustable stem allows the operator to dial in the desired setting and fine-tune it as necessary.

## DOSATRON OFFERS

### LOW TOTAL COST OF OWNERSHIP



#### RELIABILITY

Composed of durable, high-performance materials, **Dosatron units last longer** than the competition, minimizing unplanned downtime and maintenance spending



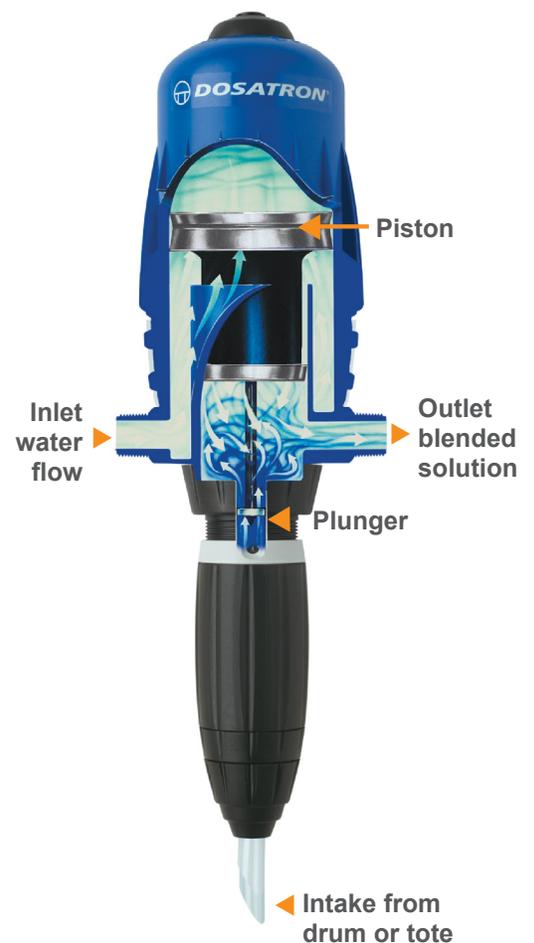
#### SUSTAINABILITY

Our innovative water-powered design **does not require electricity**, lowering operational costs and environmental impact



#### INCREASED EFFICIENCY

When compared to hand mixing, **our dosing pumps eliminate human error**, avoiding chemical waste, saving labor costs, and increasing profitability



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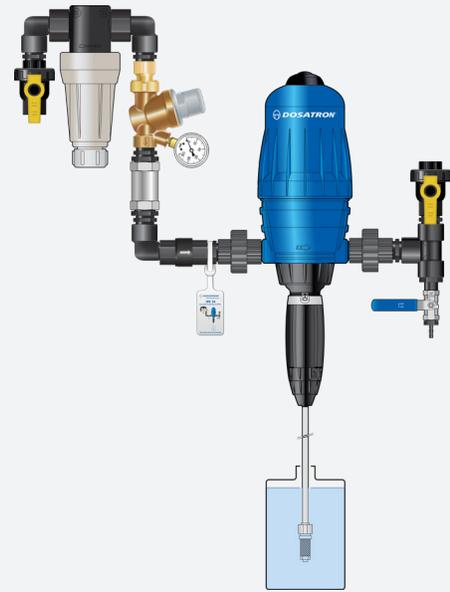
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ISO Certified



## Turn-Key System

- **Factory-Tested** for leaks, meaning no time-consuming call backs for minor leaks
- **Expert Assembled** according to factory recommendations for success out of the box
- **Fast Installation** for the easiest way to get up and running in under 60 minutes



## Field-Assembled Kit

- All Components **Plumbed In-The-Field**
- Includes:
  - One D14MZ10VAFII - 1 - 10% **Injector**
  - One IPK34-14GPM **Installation Kit\***

\*Not Included: Gas-style nozzle, water-hammer arrestor, and mounting panel.

## UNIT SPECIFICATIONS

DOSATRON <b>D14MZ10V</b>	
<b>MODEL</b>	<b>D14MZ10V</b>
<b>WATER FLOW RANGE</b>	Up to 14 GPM
<b>INJECTION PERCENTS</b>	1% to 10%
<b>PRESSURE RANGE</b>	7 to 85 PSI
<b>CONNECTIONS</b>	3/4" NPT

**NOTE:** Check local plumbing codes regarding back flow prevention. For warranty information refer to your owner's manual or visit [www.dosatron.com](http://www.dosatron.com)

FEATURES	BENEFITS
Water-powered, non electric	Reduce energy costs
Automatically compensates for changes in flow & pressure	Offers consistent repeatable results
Precise ratio adjuster	Controlled chemical costs with exact adjustability
Produces a superior emulsion versus standard venturi mixers	Long sump life of coolant
Works for automatically dosed bucket fill or plumbed into an overhead central coolant distribution system	Flexible and scalable installation in plants of all sizes



**COMPLETE  
METALWORKING  
SOLUTIONS**

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