



WATER-POWERED CHEMICAL DISPENSERS FOR



# Food Safety & Sanitation



# **DOSATRON®**

An Ingersoll Rand Business

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Photo: Innovative Cleaning Equipment, Inc.

**[www.dosatronusa.com](http://www.dosatronusa.com)**

# Here's How It Works

Dosatron chemical dispensers compensate for flow and pressure changes providing consistent, repeatable results and because they are water-powered there is no need for electricity.

They are the perfect, chemical dispenser for hygiene and sanitation applications. Dosatrons are simple to use and easy to adjust, allowing for flexible dosage rates. They are easy to maintain, saving you time and effort!

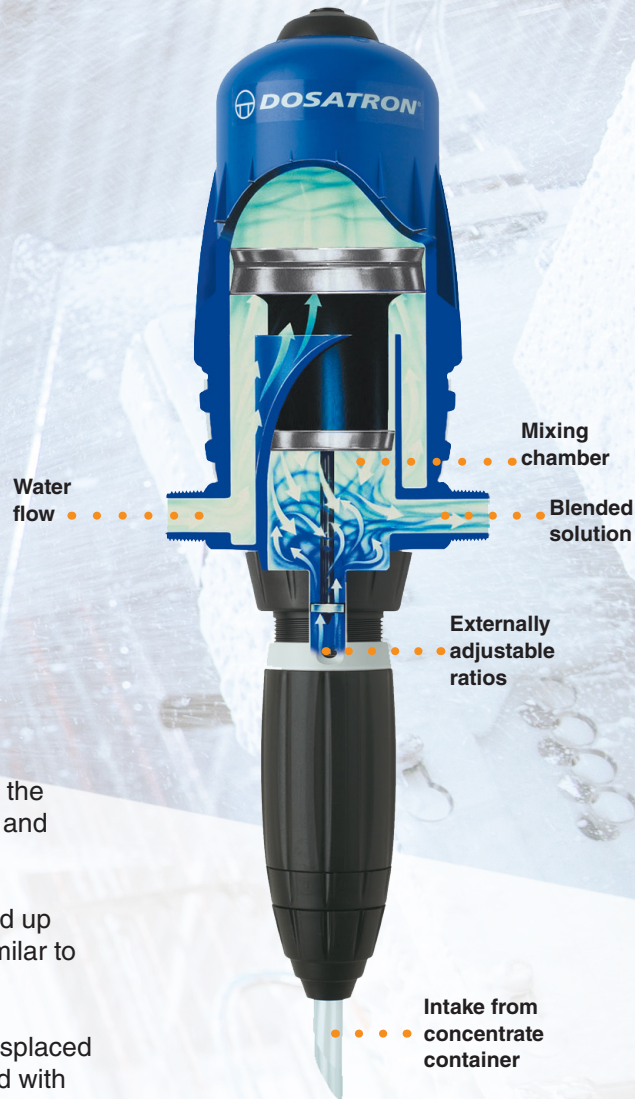
## Applications:

- Foam cleaning
- Equipment and surface sanitizing
- Food contact intervention
  - Spray bars
  - Dump tanks
  - Soak tanks/sinks
- Entryway foamers
- Conveyor/chain lubricants
- Beer line cleaning/brewery
- Floor scrubbing

## Mixing the water-and-chemical mixture is as easy as 1, 2, 3!

- 1** When water enters the injector, it triggers the hydraulic motor, which begins moving up and down inside the body of the injector.
- 2** On the up stroke, the Dosatron draws fluid up from the concentrate tank in an action similar to a hypodermic syringe.
- 3** On the down stroke, the concentrate is displaced into the mixing chamber, where it is mixed with the water flowing through the unit.

- Simple to use
- Easy to adjust allowing for flexible dosage rates
- Easy to maintain saving you time and effort



Scan the QR code to see how it works







# Recommended Injectors




For food and beverage plants, packing houses, and other processing facilities that must meet stringent sanitation standards, reliable chemical dispensing is a must. That's why Dosatron is the perfect solution for all your sanitation needs.

Dosatron's volumetric proportioning dosing method automatically compensates for changes in water pressure or flow, producing a consistently-homogenous chemical mixture. This means that your chemical dilution rate stays the same regardless of pressure and flow changes, leading to a consistent clean you can count on.




And since Dosatron chemical dispensers are water-powered and easy to adjust, install, and maintain, they'll help your business save energy, chemicals, time and money.

<b>D14 SERIES CHEMICAL DISPENSERS</b>				
MODEL	D14MZ2	D14MZ5	D14MZ10	D14MZ3000
DILUTION RANGE	1:500 - 1:50	1:200 - 1:20	1:100 - 1:10	1:3000 - 1:333
FLOW RANGE	0.05 - 14 GPM	0.05 - 14 GPM	0.05 - 14 GPM	0.05 - 14 GPM
INJECTION PERCENTS	0.2% - 2%	0.5% - 5%	1% - 10%	0.03% - 0.3%
PRESSURE RANGE	4.3 - 85 PSI	4.3 - 85 PSI	7 - 85 PSI	4.3 - 85 PSI
CONNECTIONS	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
RECOMMENDED ACCESSORY KIT	IPK34 - 14 GPM	IPK34 - 14 GPM	IPK34 - 14 GPM	IPK34 - 14 GPM

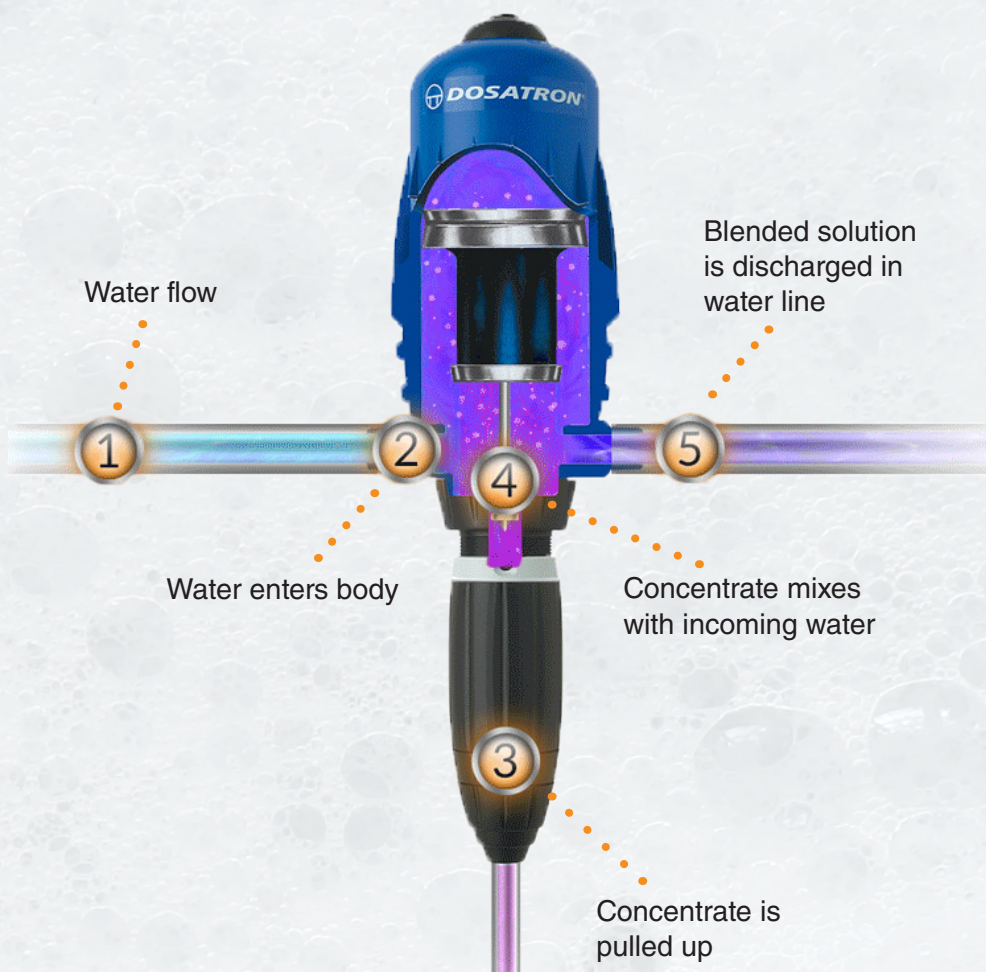
All units include: mounting bracket, suction hose, weighted stainer, and quick start guide. Maximum temperature: 104°F

 <b>HOT-WATER CHEMICAL DISPENSERS</b>			
MODEL	D14TMZ5	D14TMZ10	D14TMZ3000
DILUTION RANGE	1:200 - 1:20	1:100 - 1:10	1:3000 - 1:333
PRESSURE RANGE	4.3 - 85 PSI	7 - 85 PSI	4.3 - 85 PSI
TEMPERATURE	158 °F (70 °C)	158 °F (70 °C)	158 °F (70 °C)
RECOMMENDED ACCESSORY KIT	IPK34-14GPM- WHA-HTEMP	IPK34-14GPM- WHA-HTEMP	IPK34-14GPM- WHA-HTEMP

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide. Maximum temperature: 158 °F (70 °C).

D40 SERIES CHEMICAL DISPENSERS			
MODEL	D40MZ2	D40MZ5	D40MZ3000
DILUTION RANGE	1:500 - 1:50	1:100 - 1:20	1:3000 - 1:500
FLOW RANGE	2.2 - 40 GPM	2.2 - 40 GPM	2.2 - 40 GPM
INJECTION PERCENTS	0.2% - 2%	1% - 5%	0.03% - 0.2%
PRESSURE RANGE	4.3 - 116 PSI	7.2 - 116 PSI	4.3 - 116 PSI
CONNECTIONS	1 1/2" NPT	1 1/2" NPT	1 1/2" NPT

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide.  
Maximum temperature: 104°F



**1-800-523-8499 • 1-727-443-5404**

# Chemical Selection Chart

PRODUCT	SUGGESTED DOSATRON MODEL	DILUTION RANGE
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## CLEANERS

Caustic	D14MZ10AFII	1 to 10%
Chlorinated Alkaline	D14MZ10AFII	1 to 10%
Acid	D14MZ10VFII	1 to 10%

## SANITIZERS

Sodium Hypochlorite	D14MZ3000AFII	1:3000 to 1:333
Peracetic Acid (PAA)	D14MZ2VFIK	1:500 to 1:50
	D14MZ3000VFIK	1:3000 to 1:333
Quat	D14MZ2VFII	1:500 to 1:50
Acidified Quat	D14MZ2VFII	1:500 to 1:50
Iodine	D14MZ2VFII	1:500 to 1:50
Chlorine Dioxide	D14MZ2VFII	1:500 to 1:50
Lactic Acid	D14MZ10AFII	1 to 10%

## LINE LUBE

Line Lube	D14MZ2VFII	1:500 to 1:50
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The above Dosatron units are general suggestions based upon basic chemical compatibility standards. Prior to purchase, please contact Dosatron for verification of compatibility at **800-523-8499** or **CHAT at [www.dosatronusa.com](http://www.dosatronusa.com)**.

# Systems

## Sanitation Chemical Dilution Systems

### Panel Systems — Single Unit Sanitizer Panel System

Turn-key system with test port includes:

- Dosatron injector
- Filter
- Pressure regulator
- Poly panel, 24" x 17"



Part #: PS6A130

### Four Unit Sanitation Chemical Panel System

Turn-key system, on a manifold, is perfect for multiple sanitizers and cleaners. Includes:

- Dosatron injectors
- Filter
- Pressure regulator
- Poly panel, 24" x 48"



Part #: Contact Dosatron for your specific part #



Call or CHAT for a  
Custom Quote

800-523-8499  
[www.dosatronusa.com](http://www.dosatronusa.com)

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# Systems

## Beer Line Cleaning Sanitation Center

The Dosatron Beer Line Cleaning Sanitation Center provides optimum cleaning of your beer lines. It maintains installation cleanliness, improves beer quality, lower costs, and there is less beer waste.

### The Dosatron Beer Line Cleaning Center Provides:

- Simplified installation and maintenance
- Precise and controlled proportioning, saving you product and reducing your servicing costs
- Time savings
- No more handling of chemical products
- Simplified dosing and rinsing cycles

### Dosatron Sanitation Center Installation Diagram

#### Includes:

- Mini panel
- Dosatron D14MZ2 with built in bypass
- Filter
- Flow restrictor
- Check valve

Part #: PS8A018BLC



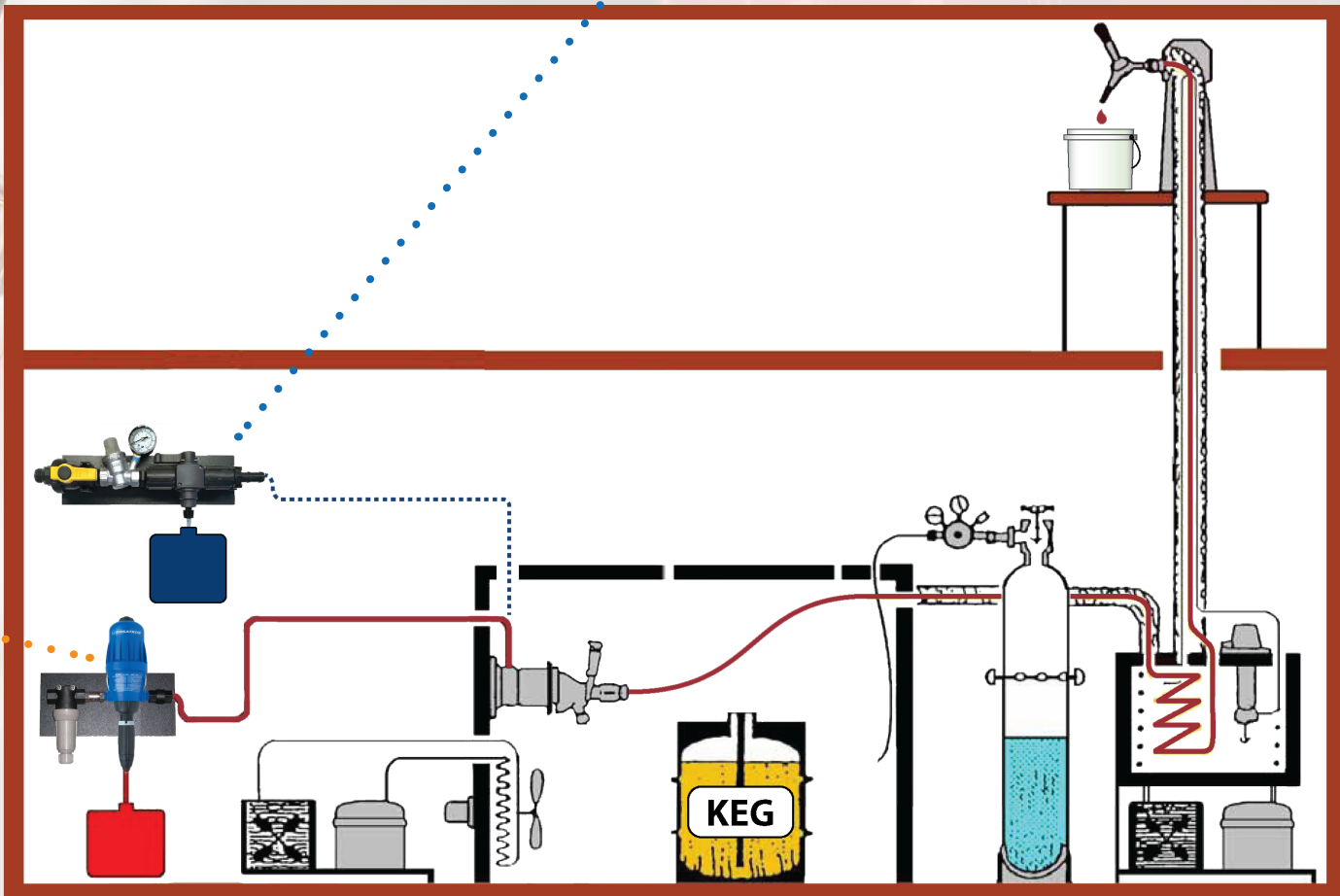
For more  
information call:  
800-523-8499

## Dosatron Venturi Beer Line Cleaning Station

### Includes:

- Space-saving
- Dosatron Venturi
- Water-powered
- Simplified rinsing and dosing cycles
- Max temp. 160°F

Part #: PS2A160



# Systems

## Mobile Sanitation Chemical Solution

The combination of Dosatron's chemical injector, a Quick Hook-Up Kit, and our 5-gallon Li'l Bud-D cart make the perfect, portable system for sanitation applications.

This system is economical to operate, is designed specifically for your needs, and the on-demand dispensing eliminates waste.

Add a foamer to the Li'l Bud-D and it creates wet or clinging foam that increases chemical contact time and effectiveness.

### Portable Foaming Solution



Part #: HS15-5  
(Li'l Bud-D Cart, Dosatron Unit,  
Foaming Wand, and Quick  
Hook-Up Kit sold separately)

### Great for PAA

Part #: HS15-5  
(Li'l Bud-D Cart,  
Dosatron Unit, and  
Quick Hook-Up Kit  
sold separately)

### Quick Hook-Up Kit

Part #: HSPK58

### Easy-to-Attach Foaming Wand

Part #: X400-113



### The Li'l Bud-D Cart Features:

- Polyethylene construction
- 5-gallon bucket with lid
- 10" no flat tires for maximum mobility
- Dimensions: 44.5" H, 19" W and 22" D

# Systems

## Installation Ready Pre-Plumbed Panels and Locking Cabinets

Enjoy the convenience of pre-plumbed, secured systems that include all the necessary accessories to simplify installation and maintenance.

Keep unauthorized personnel from disturbing your chemical management system.

You can choose our panel systems or our stainless steel locking cabinets.



Call or CHAT  
for a quote

800-523-8499

[www.dosatronusa.com](http://www.dosatronusa.com)



Part #: SC1A151



Part #: Contact Dosatron for your specific part #

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# Accessories

## Dosatron Industrial Plumbing Kit (IPK)

Make your installation easy with Dosatron's Pump Protection Kits. They are the suggested, all-in-one installation kit for hygiene and sanitation.

Description	Part #
14 GPM IPK	IPK34-14GPM
14 GPM IPK with Mixing Chamber	IPK34MC-14GPM

Note: Dosatron units sold separately.



## Hot-Water Dosatron Industrial Plumbing Kit

Part #:  
**IPK34-14GPM-WHA-HTEMP**

Note: Dosatron units sold separately.



## Dosa-Lock

An easy-to-install lock out device that protects unauthorized access to your injector and fits most Dosatron units.

### Benefits:

- Secures your setting
- Tamper resistant
- Controls chemical costs
- Made of high impact strength polypropylene
- Resistant to most chemicals

Part #: DOSA-LOCK



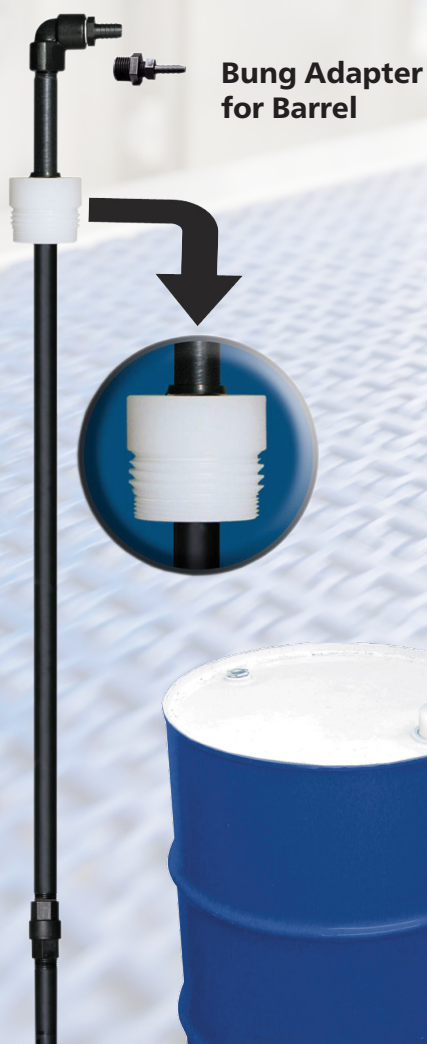
# Accessories

## ChemSticks

Designed to be used with either a barrel or tote and easily connects to existing pick-up tubes.

### Features:

- Chemical and acid resistant
- Polypropylene construction with Viton seals
- Rigid pipe to overcome common problems with flexible tubing
- Stops debris from entering the chemical container with the bung adapter (barrel) or cover plate (tote)



Part #:  
CS33 (33" long)  
CS48 (48" long)  
CS54 (54" long)



**Tote Plate Cover**

Part #:  
CSP48 (48" long)  
CSP54 (54" long)

# Accessories


## FOAM UP Foaming Wands

Our FOAM UP series of wands will expand your chemical and reduce over-application by providing visual assurance of coverage. Foam increases contact, saves time, and is more effective.

The foaming wands are pump fed using the Dosatron and **do not require compressed air**.



FOAM UP

Wand	Part #	Description
	X400-113	Airless Foam Wand - This wand has a stainless steel ball valve, is pump fed, 6.3 GPM at 40 PSI, and no compressed air is required.

# Connect



**1-800-523-8499**

Give us a call and we will be glad to answer any of your questions or take your order.



**CHAT**

It's easy to CHAT at [www.dosatronusa.com](http://www.dosatronusa.com). Just enter your question and we will be glad to assist.

## For Technical Advice Contact Our Food Safety and Sanitation Specialists



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