

# DOSATRON®

WATER POWERED DOSING TECHNOLOGY

## PERACETIC ACID

### Developed Specifically for PAA Applications

The Dosatron injector is mounted above the fluid concentrate container. Installed directly into the water supply line, the Dosatron operates by using the flow of water as the power source.

When the water is turned on, it travels into the Dosatron housing on the inlet side, which activates the piston and causes the syringe-like plunger at the bottom of the piston to travel up and down in the cylinder (see diagram).

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 clear water, creating a blended solution on the outlet side.

Unlike venturi or electric injectors, 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.

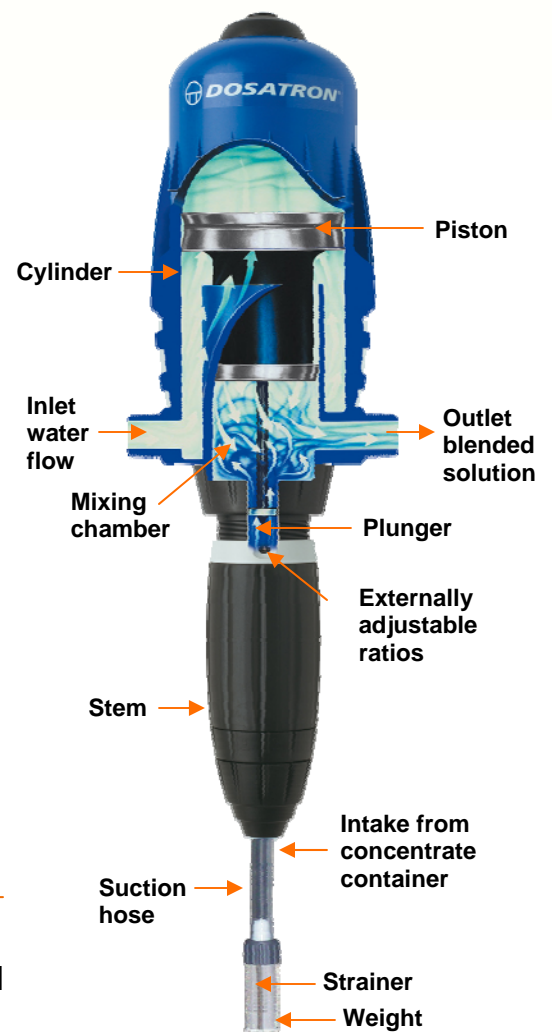
The adjustable stem allows the operator to dial in the desired setting and fine-tune it as necessary.

#### IDEAL FOR:

**Food Sanitation • Water Purification • Bio-Film Removal**



**PRE-PLUMBED PANELS AND LOCKING CABINETS ARE AVAILABLE.**



**800-523-8499**  
**www.dosatronusa.com**

# Units



◀ D25RE09



D14MZ2 ▶



◀ D45RE15

# Unit Specifications

## D25 Series • 11 GPM

Housing material: **PVDF with PAA Seal** • Dimensions: 14" x 6.25" • Weight: 4 lbs  
 Connections: 3/4" Male NPT • Max Temp: 104 °F

**Recommended Accessory Kit: Industrial Plumbing Kit IPK34 - 10 GPM**

Model	Dilution Range	Flow Range	Pressure Range
D25RE09VFPIIK	1:1000 to 1:112	0.05 to 11 GPM	4.3 to 85 PSI

## D14 Series • 14 GPM

Housing material: **POLYPROPYLENE with PAA Seal**  
 Dimensions: 19 1/8" x 6 5/16" • Weight: 6 lbs  
 Connections: 3/4" Male NPT • Max Temp: 104 °F

**Recommended Accessory Kit: Industrial Plumbing Kit IPK34 - 14 GPM**

Model	Dilution Range	Flow Range	Pressure Range
D14MZ2VFPIIK	1:500 to 1:50	0.05 to 14 GPM	4.3 to 85 PSI
D14MZ3000VFPIIK	1:3000 to 1:333	0.05 to 14 GPM	4.3 to 85 PSI

## D45RE Series • 20 GPM

Housing material: **PVDF with PAA Seal**  
 Dimensions: 24" X 7.5" • Weight: 8 lbs • Connections: 1" Male NPT • Max Temp: 104 °F

**Recommended Accessory Kit: Industrial Plumbing Kit IPK100 - 20 GPM**

Model	Dilution Range	Flow Range	Pressure Range
D45RE15VFPIIK	1:500 to 1:66	0.40 to 20 GPM	7 to 70 PSI
D45RE3000VFPIIK	1:3000 to 1:1000	0.40 to 20 GPM	7 to 70 PSI

All units include: mounting bracket, suction tube, strainer and weight.  
 Please review the basic installation drawing for recommended accessories.  
 Industrial Plumbing Kits (IPKs) are available. See specific unit for details  
**MAXIMUM TEMPERATURE: 104 °F**

**CALL 800-523-8499 TO ORDER  
 YOUR PRE-PLUMBED PANELS  
 AND LOCKABLE CABINETS.**



**To order or for information call  
 800-523-8499**

Not sure what unit fits your needs?  
 Give us a call for unit recommendations.

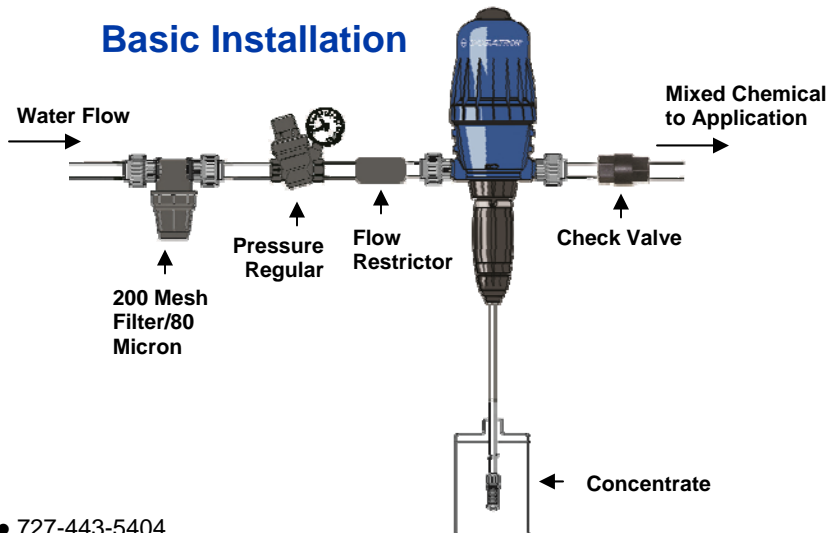
**Customer Service**

At Dosatron, we stand behind our units. Our world-class customer service team is always ready to assist you with service and support, for as long as you own your Dosatron.



**Preventive Maintenance Program**  
 Sign up at [www.dosatronusa.com/pm](http://www.dosatronusa.com/pm).

## Basic Installation



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