

DOSATRON®

WATER POWERED DOSING TECHNOLOGY

HYGIENE AND SANITATION

Dosatron Chemical Dispensers

The Dosatron chemical dispenser 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).

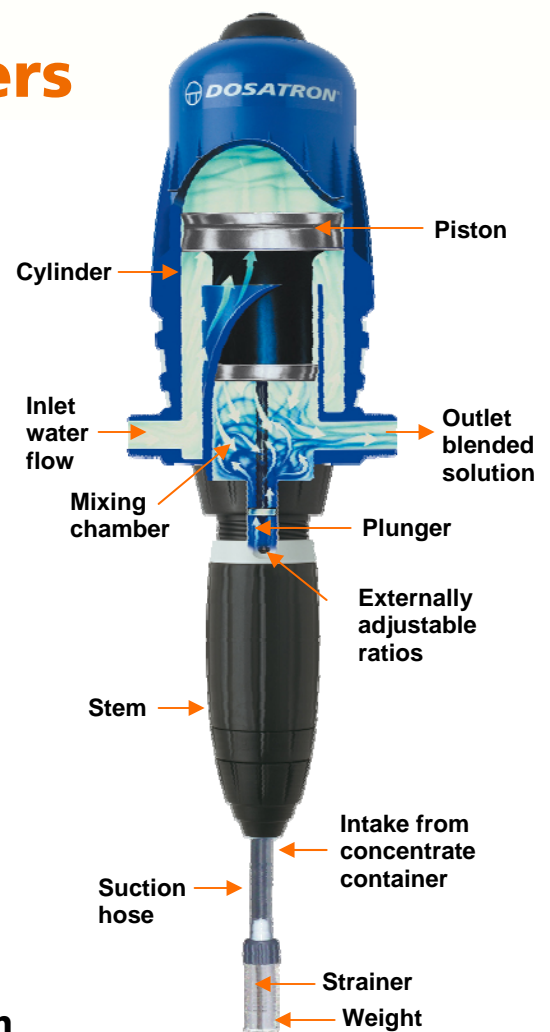
On the upstroke of the piston, the plunger creates a vacuum, drawing the concentrated fluid into the lower stem from the suction hose. On the down stroke, the plunger displaces the concentrate into the mixing chamber, where it mixes with the clear water, creating a blended solution on the outlet side.

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 HYGIENE AND SANITATION APPLICATIONS:

- Floor and Surface Disinfection
- Beer Line Cleaning
- Instrument/Utensil Decontamination
- Food and Beverage Processing
- Hospital Disinfection
- Slaughterhouse Sanitation
- Water Treatment Systems



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

800-523-8499
www.dosatronusa.com

Unit Specifications

Units

D25RE2



D25 Series

Housing material: **POLYACETAL** (Standard) or **PVDF** (Optional) • Weight: 5 lbs
 • Dimensions: 14" X 6.25" • Connections: 3/4" Male NPT • Max Temp: 104 °F

Recommended Accessory Kit: Industrial Plumbing Kit IPK34 - 10 GPM

Model	Dilution Range	Percentage	Flow Range	Pressure Range
D25RE2	1:500 to 1:50	0.2% to 2%	0.05 to 11 GPM	4.3 to 85 PSI
D25RE1500	1:1500 to 1:500	0.07% to 0.2%	0.05 to 11 GPM	4.3 to 85 PSI
D25RE5	1:100 to 1:20	1% to 5%	0.05 to 11GPM	4.3 to 85 PSI
D25RE09*	1:1000 to 1:112	0.1% to 0.9%	0.05 to 11 GPM	4.3 to 85 PSI
D25RE10	1:33 to 1:10	3% to 10%	0.05 to 8.8 GPM	4.3 to 57 PSI

NOT FOR USE WITH CHLORINATED OR HYDROFLORIC ACID PRODUCTS

D14 Series

Housing material: **POLYPROPYLENE** (Standard) or **PVDF** (Optional) • Weight: 6 lbs
 Dimensions: 19 1/8" X 6 5/16" • Connections: 3/4" Male NPT • Max Temp: 104 °F

Recommended Accessory Kit: Industrial Plumbing Kit IPK34 - 14 GPM

Model	Dilution Range	Percentage	Flow Range	Pressure Range
D14MZ2	1:500 to 1:50	0.2% to 2%	0.05 to 14 GPM	4.3 to 85 PSI
D14MZ5	1:200 to 1:20	0.5% to 5%	0.05 to 14 GPM	4.3 to 85 PSI
D14MZ10	1:100 to 1:10	1% to 10%	0.05 to 14 GPM	7 to 85 PSI
D14MZ3000	1:3000 to 1:333	0.03% to 0.3%	0.05 to 14 GPM	4.3 to 85 PSI
D14MZ520**	1:20 to 1:5	5% to 20%	0.05 to 9 GPM	7 to 57 PSI

**Dimensions: 26 1/8" X 6 5/16" • Weight: 8.8 lbs

D45 Series

Housing material: **POLYACETAL** (Standard) or **PVDF** (Optional)
 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	Percentage	Flow Range	Pressure Range
D45RE15*	1:500 to 1:66	0.2% to 1.5%	0.4 to 20 GPM	7 to 70 PSI
D45RE3	1:200 to 1:33	0.5% to 3%	0.4 to 20 GPM	7 to 70 PSI
D45RE8	1:33 to 1:12	3% to 8%	0.4 to 20 GPM	7 to 70 PSI
D45RE3000*	1:3000 to 1:1000	0.03% to 0.1%	0.4 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. • Please contact us for unit recommendations

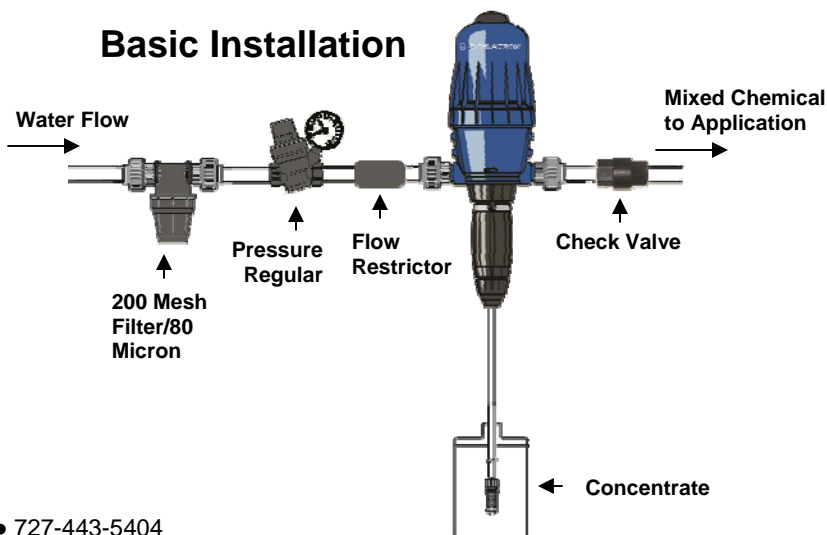
MAXIMUM TEMPERATURE: 104 °F

*These units available in peracetic-acid enabled models. Please call for details

D45RE15



Basic Installation



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.

DOSATRON®

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