



DOSATRON®

Water-Powered-Dosing-Fertilizer.com



Fertilizer Injectors

- Accurate Fertilizer Injection
- Easy Maintenance
- Simple Operation
- World-Class Customer Service
- Reliability for Over 35 Years



THE DOSATRON DIFFERENCE

Dosatron units feature superior engineering to create the most durable, easy-to-use, low-maintenance product on the market. We manage your chemical application through repeatability, regardless of fluctuations in pressure or flow. Dosatron also supports you every step of the way with world-class customer service. Trust only genuine Dosatron products.

Dosatron Injectors Accurately Inject:

- Fertilizers
- Insecticides
- Fungicides
- Algicides
- Acids
- Wetting Agents
- Plant Growth Regulators (PGRs) for Drenching
- Disinfectants
- Sanitizers
- Organics
- Teas



"I wish my car ran as well as my Dosatron fertilizer injectors!"
 Monte Flack
 Mid American Growers
 Granville, IL

EASY TO USE



Change injection ratios with one external adjustment

SUPERIOR ENGINEERING

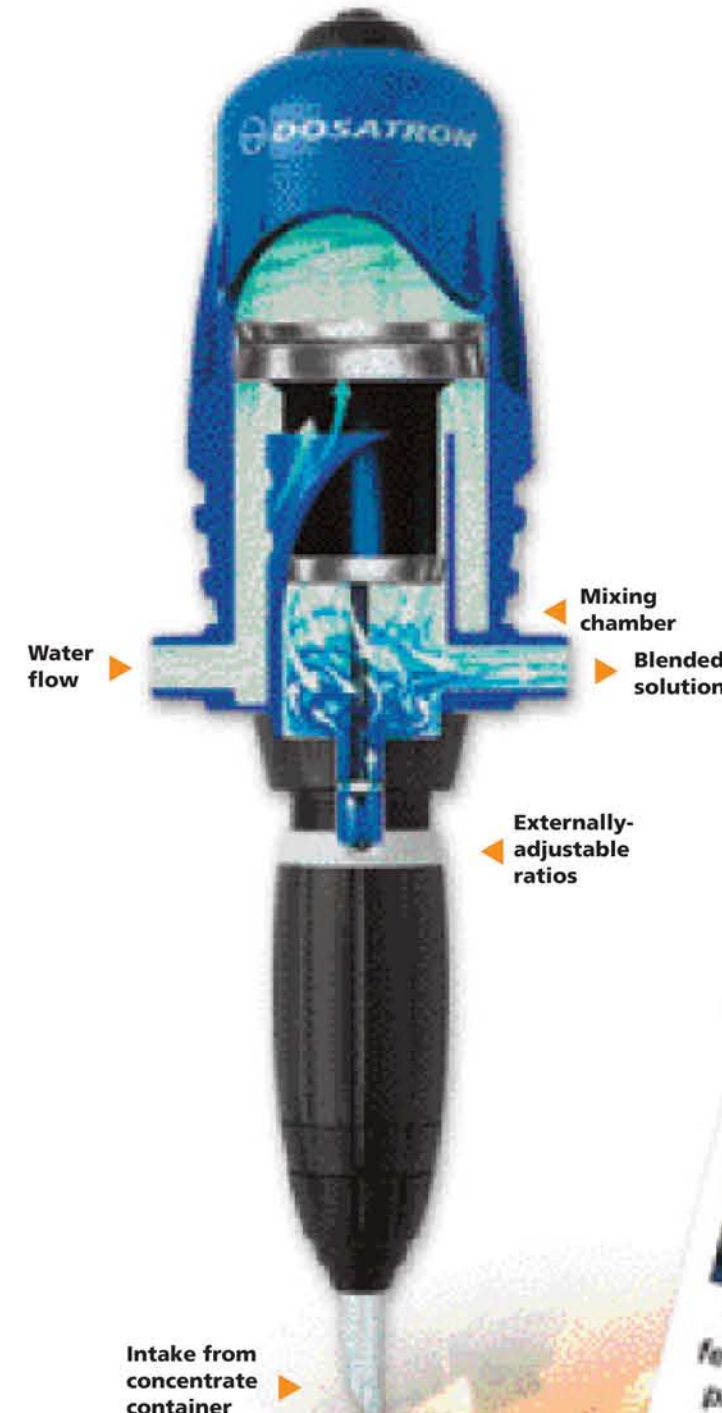


Fewer parts for easy maintenance

DURABLE



High quality materials ensure long product life



Here's How It Works . . .

The Dosatron pulls up solution like a syringe, drawing in the concentrate with the plunger. On the down stroke, the concentrate is displaced into the body of the Dosatron, where it mixes with the incoming water. Then, just the right amount of fertilizer is discharged into the water line.

- Water-powered, non-electric
- Low pressure loss
- Consistently accurate, regardless of variations in flow and pressure
- Easy-to-adjust ratio
- Precisely blended solution

800-523-8499
www.dosatronusa.com



"We have been using Dosatron fertilizer injectors proudly for the past 20 years. They are easy to use, simple to maintain, and no one can match their service!"
 Gus and Chad Corso
 Corso Flower & Garden Center
 Sandusky, OH

DOSATRON INJECTORS

11 GPM

Dosatron Diaphragm

Ratio: Fixed at 1:128
Low flow applications

Pipe Size: 3/4" NPT

Size: 16" high x 7" wide

Weight: 5 lbs

Accessories included:
Mounting bracket, suction hose with strainer/weight, and operating manual.

Recommended:
200 mesh filter, check valve or pressure regulator, and flow restrictor.



14 GPM

D14M22

Ratio: 1:500 to 1:50

Pipe Size: 3/4" NPT

Size: 19 1/8" high x 6 5/16" wide

Weight: 5 lbs

Accessories included:
Mounting bracket, suction hose with strainer/weight, and operating manual.

Recommended:
200 mesh filter, check valve or pressure regulator, and flow restrictor.



20 GPM

D45RE15

Ratio: 1:500 to 1:66

D45RE3000

Ratio: 1:3000 to 1:1000

Pipe Size: 1" NPT

Size: 24" high x 7 1/2" wide

Weight: 8 lbs

Accessories included:
Mounting bracket, manual bypass, suction hose with strainer/weight, and operating manual.

Recommended:
200 mesh filter, check valve or pressure regulator, and flow restrictor.



40 GPM

D8R

Ratio: 1:500 to 1:50

Pipe Size: 1 1/2" NPT

Size: 23" high x 12" wide

Weight: 12 lbs

Accessories included:
Mounting bracket, manual bypass, suction hose with strainer/weight, and operating manual.

Recommended:
200 mesh filter, check valve or pressure regulator, and flow restrictor.



100 GPM

D20S

Ratio: 1:500 to 1:50

D20S-2000

Ratio: 1:2000 to 1:200

Pipe Size: 2" NPT

Size: 55" high x 15" wide

Weight: 47 lbs

Accessories included:
Set of legs, manual bypass, suction hose with strainer, vacuum breaker, and operating manual.

Recommended:
200 mesh filter, check valve, or water hammer arrestor.



PVDF MODELS For Corrosive Chemicals

PVDF housings and hastelloy components are available on many models.



DosaCart

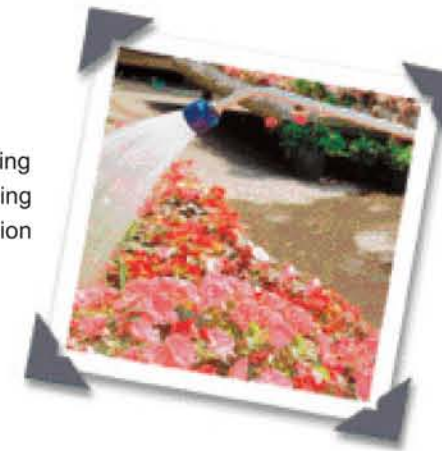
Perfect for Garden Centers

Goes Where You Need It!

Simply the easiest and most convenient way to fertilize and treat your plants while you water. The DosaCart system keeps your profits blooming!

Portable Fertilizer Injector:

- Polyethylene transparent tank for viewing stock levels
- Proportional on-demand dispensing
- Large 15 gallon tank — less refilling
- Portable — heavy-duty construction
- Narrow width — fits down aisle
- Crash bar
- No flat tires
- Clean-out valve
- Dimensions: 45.5" high, 16" wide and 20" deep
- DosaCart accommodates:
 - 7 GPM • 11 GPM
 - 14 GPM • 20 GPM

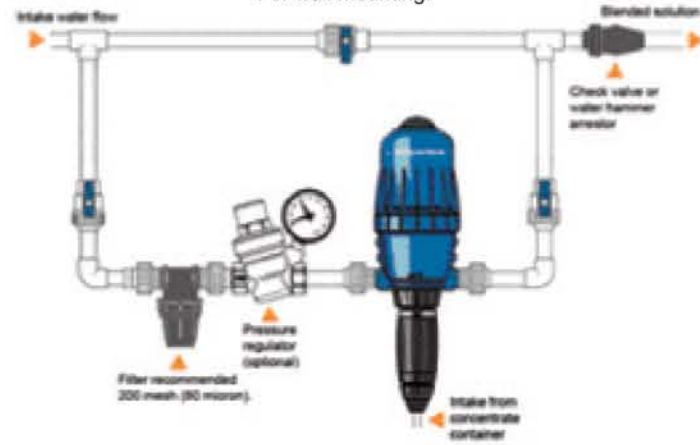


DosaCart, Dosatron injector, and quick hook-up kit are each sold separately.

INSTALLATION

STANDARD BYPASS INSTALLATION

For wall mounting.



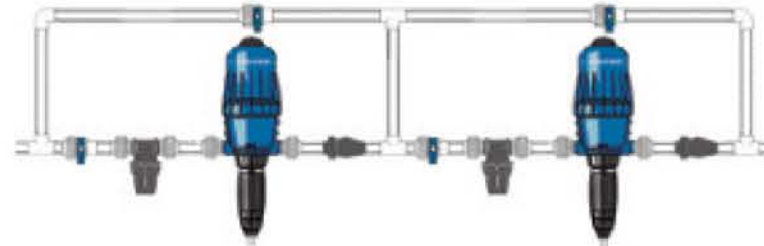
PARALLEL INSTALLATION

Increase water flow capacity with up to five injectors in parallel (up to 500 GPM). For additional injectors in parallel, contact Dosatron technical support.



SERIES INSTALLATION

Increases your injection rate or allows injection of two different solutions.



NOTE: For installations on all water systems, you must conform to all state and federal laws concerning the use of fertilizer and chemical injection devices.

RECOMMENDED ACCESSORIES

Protection from debris in water lines
Spin Down Filter



A 200 mesh filter is required for valid warranty.

Control and manage water pressure
Pressure Regulator



Control and manage water flow
Flow Restrictor



Control your system
Solenoid



Reduce effects of water hammer
Check Valve



Control effects of water hammer
Water Hammer Arrestor



SPECIFICATIONS

MODEL	MAX. FLOW RATE	MAX. CLICKS 15 SECONDS	FLOW RANGE	PRESSURE RANGE	RATIOS	PERCENT
Dosatron Diaphragm	11 GPM	40	0.02 to 11 GPM	1.5 to 85 psi	1:128 Fixed	0.8% Fixed
D14MZ2	14 GPM	49	0.05 to 14 GPM	4.3 to 85 psi	1:500 to 1:50	0.2% to 2%
D14MZ10	14 GPM	49	0.05 to 14 GPM	7 to 85 psi	1:100 to 1:10	1% to 10%
D45RE15 (PVDF available)	20 GPM	45	0.4 to 20 GPM	7 to 70 psi	1:500 to 1:66	0.2% to 1.5%
D45RE3000 (PVDF available)	20 GPM	45	0.4 to 20 GPM	7 to 70 psi	1:3000 to 1:1000	0.03% to 0.1%
D8R	40 GPM	36	2.2 to 40 GPM	2 to 110 psi	1:500 to 1:50	0.2% to 2%
D20S	100 GPM	36	5 to 100 GPM	2 to 120 psi	1:500 to 1:50	0.2% to 2%
D20S-2000	100 GPM	36	5 to 100 GPM	2 to 120 psi	1:2000 to 1:200	0.05% to 5%

PVDF body for corrosive chemical applications

PREVENTIVE MAINTENANCE

Do-It-Yourself Seal Kits

We recommend annual seal kit maintenance to help keep your Dosatron unit dosing accurately and operating properly. Our do-it-yourself seal kits make maintenance easy and hassle-free.

In-House Repair

Our in-house repair department is available to service your unit and perform routine maintenance. For technical service, call **800-523-8499**.

Preventive Maintenance

Routine maintenance is easy to remember with our Preventive Maintenance Program. Register at www.dosatronusa.com/pm, and we'll remind you via email.

World-Class Customer Service



Technical Support 800-523-8499



Maintenance Seminars



Stocked Parts



For warranty information visit our website at www.dosatronusa.com

Field Installation Options



100 GPM in Series

Injectors may be installed in parallel for up to 500 GPM.



14 GPM on Boom

Dosatron injectors may be mounted on a wall, bench, cart, or boom.



40 GPM Mounted

Multiple 40 GPM Dosatron injectors on Cherry Creek Booms at Green Circle Growers.



DOSATRON[®]

WATER POWERED DOSING TECHNOLOGY

Dosatron Sales and Service ■ North and Central America

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800-523-8499 ■ 727-443-5404

www.dosatronusa.com



Dosatron International, Inc. is proud to be an American owned company!

Hablamos Español • Nous parlons Français

Dosatron International, Inc. is an industry leader in water-driven, proportional chemical injectors. Dosatron products are manufactured according to ISO 9001:2000 and ISO 14001:2004 standards by Dosatron International S.A.S., part of United Technologies Corporation, U.S.A.