FLUID POWERED DOSING PUMPS FOR Irrigation

FERTILIZER/NUTRIENTS
WATER TREATMENT
PESTICIDES
pH CONTROL

DOSATRON

WATER POWERED DOSING TECHNOLOGY
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.

**Dosatron fertilizer injectors are:**

- Water-powered, non-electric
- Accurate regardless of variations in flow and pressure
- Easy to adjust
- Consistent with low pressure loss and provide a precisely blended solution
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
- Nutrients
- Organics
- Beneficials
- Fish Emulsion
- Teas
- Herbicides
- Plant Growth Regulators (PGRs) for Drenching
- Chlorine
- Insecticides
- Fungicides
- Algicides
- Acids
- Wetting Agents
- Sanitizers (special models available)
- Nematodes

flowers to food  greenhouse to field
DOSATRON
INJECTORS
800-523-8499 • www.dosatronusa.com

11 GPM

- D25F1
  Ratio: Fixed at 1:100

- D25RE2
  Ratio: 1:500 to 1:50

- D25RE09
  Ratio: 1:1000 to 1:112
  Pipe Size: 3/4” NPT
  Size: 14” high x 6 1/4” wide
  Weight: 4 lbs
  Bypass: Optional

100 GPM

- D20S
  Ratio: 1:500 to 1:50
  Pipe Size: 2” NPT
  Size: 55” high x 15” wide (with legs)
        42” high x 15” wide (no legs)
  Weight: 47 lbs
  Bypass: Standard

Accessories included:
Mounting bracket or legs, suction hose with weighted strainer, and operating manual.

Recommended:
• 200 mesh filter
• check valve
• pressure regulator
• flow restrictor
• water hammer arrestor kits

14 GPM

- D14MZ2
  Ratio: 1:500 - 1:50
  Pipe Size: 3/4” NPT
  Size: 19 1/8” high x 6 5/16” wide
  Weight: 6 lbs

- D14MZ10
  Ratio: 1:100 to 1:10
  Pipe Size: 3/4” NPT
  Size: 19 1/8” high x 6 5/16” wide
  Weight: 6 lbs

- D14MZ3000
  Ratio: 1:3000 to 1:333
  Pipe Size: 3/4” NPT
  Size: 21” high x 6 5/16” wide
  Weight: 6 lbs

- D14MZ520
  Ratio: 1:20 to 1:5
  Pipe Size: 3/4” NPT
  Size: 26 1/8” high x 10 1/4” wide
  Weight: 8.8 lbs
  Bypass: Optional

Pipe Size:
3/4" NPT
20 GPM

- **D45RE15**
  - Ratio: 1:500 to 1:66
  - Pipe Size: 1” NPT
  - Size: 24” high x 7 1/2” wide
  - Weight: 8 lbs
  - Bypass: Standard

40 GPM

- **D8RE2**
  - Ratio: 1:500 to 1:50
  - Pipe Size: 1 1/2” NPT
  - Size: 25 1/4” high x 8 1/2” wide
  - Weight: 12 lbs

- **D8RE3000**
  - Ratio: 1:3000 to 1:800
  - Pipe Size: 1 1/2” NPT
  - Size: 25 1/4” high x 8 1/2” wide
  - Weight: 12 lbs

- **D8RE5**
  - Ratio: 1:100 to 1:20
  - Pipe Size: 1 1/2” NPT
  - Size: 25 5/16” high x 8 1/2” wide
  - Weight: 12 lbs
  - Bypass: Optional

132 GPM

- **D132MZ1**
  - Ratio: 1:1,000 to 1:100
  - Pipe Size: 3” NPT
  - Size: 36 3/4” x 25 11/16” x 8 13/16”
  - Weight: 33 lbs
  - Bypass: Optional

- **D132WL5000**
  - Ratio: 1:5,000 to 1:500
  - Pipe Size: 3” NPT
  - Size: 36 3/4” x 25 11/16” x 8 13/16”
  - Weight: 33 lbs
  - Bypass: Optional

- **D132WL30000**
  - Ratio: 1:30,000 to 1:3,000
  - Pipe Size: 3” NPT
  - Size: 36 3/4” x 25 11/16” x 8 13/16”
  - Weight: 33 lbs
  - Bypass: Optional

- **D132WL5000**
  - Ratio: 1:5,000 to 1:500
  - Pipe Size: 3” NPT
  - Size: 36 3/4” x 25 11/16” x 8 13/16”
  - Weight: 33 lbs
  - Bypass: Optional
**DosaCart**

**Part #: HS15-16**

**Includes:**
- Large 15-gallon tank
- Crash bar
- Clean-out valve

**Accommodates:**
- 11 GPM
- 14 GPM
- 20 GPM
- 40 GPM

**Quick Hook-Up kits available:**
- 11 GPM, 14 GPM - Part #: HSPK58
- 20 GPM - Part #: HSPKD45

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**Li’l Bud-D**

**Part #: HS15-5**

**Includes:**
- Cart
- 5-gallon bucket with lid

**Accommodates:**
- 11 GPM
- 14 GPM

**Quick Hook-Up kit available:**
- 11 GPM, 14 GPM - Part #: HSPK58LB

Li’l Bud-D, Dosatron injector, and Quick Hook-Up kit are each sold separately.

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**Eco-Cart**

**Portable Fertilization System**

The 5-gallon Eco-Cart provides quick and easy proportional on-demand dispensing, for a great value.

**Eco-Cart - 14 GPM**

(Part #: HSECO-D14MZ2) includes:
- Cart
- 5-gallon bucket with lid
- Dosatron D14MZ2
- Plumbing

**Eco-Cart - 11 GPM**

(Part #: HSECO-D25F1) includes:
- Cart
- 5-gallon bucket with lid
- Dosatron D25F1 (fixed 1:100)
- Plumbing

**Eco-Cart**

(Part #: HSECO) includes:
- Cart
- 5-gallon bucket with lid
- Plumbing

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**DosaCarts**

**Perfect for Garden Centers**

Simply the easiest and most convenient way to fertilize and treat your plants while you water. DosaCarts provide proportional on-demand dispensing, polyethylene construction, 10” no flat tires, and narrow width for maximum mobility.

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Goes where you need, to keep your profits blooming!

**PORTABLE FERTILIZER INJECTORS**

800-523-8499 • www.dosatronusa.com
**Standard Bypass Installation**

For wall mounting. Can also be controlled automatically with solenoid valves.

**Filter**

(200 mesh/80 micron)

Provides protection from debris in water lines.

**Check Valve**

Reduces effects of water hammer.

**Flow Restrictor**

Controls and manages water flow.

**Pressure Regulator**

Controls and manages water pressure.

**Water Hammer Arrestor Kits**

Controls effects of water hammer. See our kit options on page 8.

**Mini Maintenance Kits**

Perfect solution for users and growers who perform maintenance on a regular schedule. Scan the QR code to find out more.

**Series Installation**

Allows injection for multiple solutions.

**Parallel Installation**

Increase water flow capacity by installing injectors in parallel.

**NOTE:** Installation illustrations are to be used as a reference guide only.
1. Living Walls
2. Drip Irrigation
3. Portable Fertilizer Injectors
   - DosaCart
   - Li’l Bud-D
   - Eco-Cart
4. 3-Part Solution A/B/C Tank
5. Watering Boom
   - Pesticides
   - Fertilizers
6. Foaming
7. High Water Flow System
   - pH Control

NOTE: Installation illustrations are to be used as a reference guide only.
DOSATRON IS EVERYWHERE

GREENHOUSE

FIELD IRRIGATION
The **Nutrient Delivery System** panel was designed with every type of grower in mind. Simple to set-up and easy to operate, this modular proportional nutrient dispensing system delivers precise results every time, regardless of fluctuations in pressure or flow. With the ability to customize the panel, based on your nutrient program, the Nutrient Delivery System is flexible enough to fit into every grower’s fertigation system and works well with various types of irrigation. Whether using the drain-to-waste method or a recirculating system using reservoirs, the end result is the same — eliminate the need to measure & pour and **automate your feeding schedule!**

**Features:**
- Nutrient Doser
- Constant EC/pH Monitoring
- Eliminate Reservoir
- Easy to Use and Simple to Maintain
- Customize to Your Specific Needs
- Automated Irrigation Timer

**Nutrient Delivery System Kits Are Simple To Set Up, Maintain and Operate**

**Starter Kit** — It includes all the parts you need to get started, from ball valves to Teflon® tape.

Part #: HYKSTART

**Mixing Chamber Kit** — Enhances blending as the solution passes through.

Part #: HYKMC34

**Monitor Kit** — Includes a special in-line nutrient monitor that measures and displays your well-blended outgoing solution.

Part #: HYKMON

**NOTE:** Installation illustrations are to be used as a reference guide only.

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**Water Hammer Arrestor Kits**

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>DESCRIPTION</th>
<th>PART #</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot;</td>
<td>3/4&quot; MPT X 6 1/2&quot; TALL</td>
<td>WHA34-SS-KIT</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1&quot; MPT X 6 15/16&quot; TALL</td>
<td>WHA100-SS-KIT</td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td>1&quot; MPT X 10 9/16&quot; TALL</td>
<td>WHA150-SS-KIT</td>
</tr>
<tr>
<td>2&quot;</td>
<td>1&quot; MPT X 11 3/16&quot; TALL</td>
<td>WHA200-SS-KIT</td>
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</table>
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX. FLOW RATE</th>
<th>MAX. CLICKS IN 15 SECONDS</th>
<th>FLOW RANGE</th>
<th>PRESSURE RANGE</th>
<th>RATIOS</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D14MZ520</td>
<td>9 GPM</td>
<td>31</td>
<td>0.05 - 9 GPM</td>
<td>7 - 57 psi</td>
<td>1:20 - 1:5</td>
<td>5% - 20%</td>
</tr>
<tr>
<td>D25F1</td>
<td>11 GPM</td>
<td>46</td>
<td>0.05 - 11 GPM</td>
<td>4.3 - 85 psi</td>
<td>1:100 fixed</td>
<td>1% fixed</td>
</tr>
<tr>
<td>D25RE2</td>
<td>11 GPM</td>
<td>46</td>
<td>0.05 - 11 GPM</td>
<td>4.3 - 85 psi</td>
<td>1:500 - 1:50</td>
<td>0.2% - 2%</td>
</tr>
<tr>
<td>D25RE09</td>
<td>11 GPM</td>
<td>46</td>
<td>0.05 - 11 GPM</td>
<td>4.3 - 85 psi</td>
<td>1:1000 - 1:112</td>
<td>0.1% - 0.9%</td>
</tr>
<tr>
<td>D14MZ2</td>
<td>14 GPM</td>
<td>49</td>
<td>0.05 - 14 GPM</td>
<td>4.3 - 85 psi</td>
<td>1:500 - 1:50</td>
<td>0.2% - 2%</td>
</tr>
<tr>
<td>D14MZ10</td>
<td>14 GPM</td>
<td>49</td>
<td>0.05 - 14 GPM</td>
<td>7 - 85 psi</td>
<td>1:100 - 1:10</td>
<td>1% - 10%</td>
</tr>
<tr>
<td>D14MZ3000</td>
<td>14 GPM</td>
<td>49</td>
<td>0.05 - 14 GPM</td>
<td>4.3 - 85 psi</td>
<td>1:3000 - 1:333</td>
<td>0.03% - 0.3%</td>
</tr>
<tr>
<td>D45RE15</td>
<td>20 GPM</td>
<td>45</td>
<td>0.4 - 20 GPM</td>
<td>7 - 70 psi</td>
<td>1:500 - 1:66</td>
<td>0.2% - 1.5%</td>
</tr>
<tr>
<td>D8RE2</td>
<td>40 GPM</td>
<td>36</td>
<td>2.2 - 40 GPM</td>
<td>2.2 - 116 psi</td>
<td>1:500 - 1:50</td>
<td>0.2% - 2%</td>
</tr>
<tr>
<td>D8RE3000</td>
<td>40 GPM</td>
<td>36</td>
<td>2.2 - 40 GPM</td>
<td>2.2 - 116 psi</td>
<td>1:3000 - 1:800</td>
<td>0.03% - 0.125%</td>
</tr>
<tr>
<td>D8RE5</td>
<td>40 GPM</td>
<td>36</td>
<td>2.2 - 40 GPM</td>
<td>2.2 - 116 psi</td>
<td>1:100 - 1:20</td>
<td>1% - 5%</td>
</tr>
<tr>
<td>D20S</td>
<td>100 GPM</td>
<td>36</td>
<td>5 - 100 GPM</td>
<td>2 - 120 psi</td>
<td>1:500 - 1:50</td>
<td>0.2% - 2%</td>
</tr>
<tr>
<td>D132MZ1</td>
<td>132 GPM</td>
<td>46</td>
<td>35.2 - 132 GPM</td>
<td>7 - 87 psi</td>
<td>1:1,000 - 1:100</td>
<td>0.1% - 1%</td>
</tr>
<tr>
<td>D132WL3000</td>
<td>132 GPM</td>
<td>46</td>
<td>35.2 - 132 GPM</td>
<td>7 - 87 psi</td>
<td>1:30,000 - 1:3,000</td>
<td>0.003% - 0.03%</td>
</tr>
<tr>
<td>D132WL5000</td>
<td>132 GPM</td>
<td>46</td>
<td>35.2 - 132 GPM</td>
<td>7 - 87 psi</td>
<td>1:5,000 - 1:500</td>
<td>0.02% - 0.2%</td>
</tr>
</tbody>
</table>

Scan for Free Preventive Maintenance  
Scan for Service/Maintenance Videos  
Scan for Technical Service Support
100 GPM in Parallel

20 GPM Mounted
(Cherry Creek Systems)

40 GPM Install
(Zwart Systems)

Dosatron injectors
may be installed
in parallel.

Dosatron injectors
may be mounted
on booms.

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

DOSATRON

WATER POWERED DOSING TECHNOLOGY

Dosatron Sales and Service • North and Central America
2090 Sunnydale Blvd. • Clearwater, FL 33765 USA
Dosatron International, Inc. is proud to be an American owned company!

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