



FLUID-POWERED DOSING PUMPS FOR

Irrigation

FERTILIZERS/NUTRIENTS

WATER TREATMENT

PESTICIDES

PH CORRECTION



DOSATRON[®]

An Ingersoll Rand Business

Dosatron

Water-Powered Injectors

Dosatron features 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 and rely on only genuine Dosatron products!

Dosatrons accurately inject:

- Fertilizers
- Nutrients
- Organics
- Beneficials
- Fish Emulsion
- Compost Teas
- Herbicides
- Chlorine
- Insecticides
- Fungicides
- Algicides
- Nematodes
- Wetting Agents
- Plant Growth Regulators
- Sanitizers
- Acids/Caustics

Dosatron pumps are perfect for:

- Drain-to-Waste
- Indoor Farming
- Urban Gardening
- IPM Drenches
- Line Cleaning
- Flushing Media
(pre-harvest drench)

Dosatron Seal Types:

- VF = Acidic/Lower pH Values (8.0 and lower)
- AF = Caustic/Higher pH Values (8.0 and higher)
- K = Concentrated Acids or Oxidative Products (ex: PAA)

D25 SERIES 11 GPM

Max Flow Rate

In/Out NPT: 0.75 in
 Max Press: 87 psi
 Max Height: 14 in
 Max Width: 6.25 in
 Max Weight: 4 lbs

Bypass Switch (BP) Optional



Model	Ratio Range
D25F1	1:100 FIXED
D25RE2	1:500 to 1:50

D14 SERIES 14 GPM

Max Flow Rate

In/Out NPT: 0.75 in
 Max Press: 87 psi
 Max Height: 21 in
 Max Width: 6.52 in
 Max Weight: 6 lbs

Bypass Switch (BP) Optional



Model	Ratio Range
D14MZ2	1:500 to 1:50
D14MZ1000	1:1000 to 1:100
D14MZ3000	1:3000 to 1:333
D14MZ10	1:100 to 1:10

D6 SERIES 26 GPM

Max Flow Rate

In/Out NPT: 1.25 in
 Max Press: 116 psi
 Max Height: 26 in
 Max Width: 9 in
 Max Weight: 9 lbs

Bypass Switch (BP) Optional



Model	Ratio Range
D6MZ2	1:500 to 1:50
D6MZ1000	1:1000 to 1:100
D6MZ3000	1:3000 to 1:333

Dosatron

Water-Powered Injectors

D40 SERIES

40 GPM

Max Flow Rate

In/Out NPT: 1.5 in
Max Press: 116 psi
Max Height: 28 in
Max Width: 8.5 in
Max Weight: 12 lbs

Bypass Switch (BP) Optional



Model	Ratio Range
D40MZ2	1:500 to 1:50
D40MZ1000	1:1000 to 1:100
D40MZ3000	1:3000 to 1:500
D40MZ5	1:100 to 1:20

D20 SERIES

100 GPM

Max Flow Rate

In/Out NPT: 2 in
Max Press: 116 psi
Max Height: 55 in
Max Width: 15 in
Max Weight: 47 lbs

Bypass On/Off STANDARD



Model	Ratio Range
D20S	1:500 to 1:50

D132 SERIES 132 GPM

Max Flow Rate

In/Out NPT: 3 in
Max Press: 116 psi
Max Height: 38 in
Max Width: 26 in
Max Weight: 33 lbs

Bypass On/Off STANDARD



Model	Ratio Range
D132MZ1	1:1000 to 1:100
D132MZ5000	1:5000 to 1:500
D132MZ30000	1:30000 to 1:3300

D400 SERIES 400 GPM

Max Flow Rate

In/Out NPT: 4 in
Max Press: 116 psi
Max Height: 31.5 in
Max Width: 20.75 in
Max Weight: 95 lbs

Bypass On/Off STANDARD



Model	Ratio Range
D400MZ05	1:1000 to 1:200
D400MZ02	1:5000 to 1:500
D400MZ30000	1:30000 to 1:5000

Mobile Solutions

Portable Fertilizing and Dosing Systems

With three DosaCart models to choose from, it is simple to have portable, proportional, on-demand dispensing in a wide variety of horticultural applications – from fertilizer to sanitation, and everything in between. Designed with maximum mobility, for ease of hand-watering, spot treatments, and IPM practices. The corresponding plumbing Hook-Up Kits provide an easy, stress-free assembly.

- Fertilizers
- Fungicides
- Pesticides
- Algicides
- Disinfectants
- Surfactants
- Sanitation



DosaCart Pro20 ▲ Part # HS20

- Ideal for garden centers and educational institutions
- 20-gallon capacity
- Crash bar, hose-hanger, and clean-out valve included.

(Dosatron injector and cart hook-up kit sold separately.)

DosaCart FLEX ▶ Part # HS15-5

- Perfect for spot treatments
- Versatile with various chemical container types, shapes and sizes

(Dosatron injector and cart hook-up kit sold separately.)



Ultrasonic Micro-Doser Kits

Etatron eOne Micro-Doser Kits

The Etatron Ultrasonic Micro-Doser's accurately dose highly-concentrated chemistries into a pressurized line for precise control over water-treatment variables like pH, sanitation, and conductivity. Targeting dilution rates for many of the leading high-value products on the market, the Micro-Doser is the perfect fit for simplifying and managing your chemical dosing requirements.

Multiple Applications:

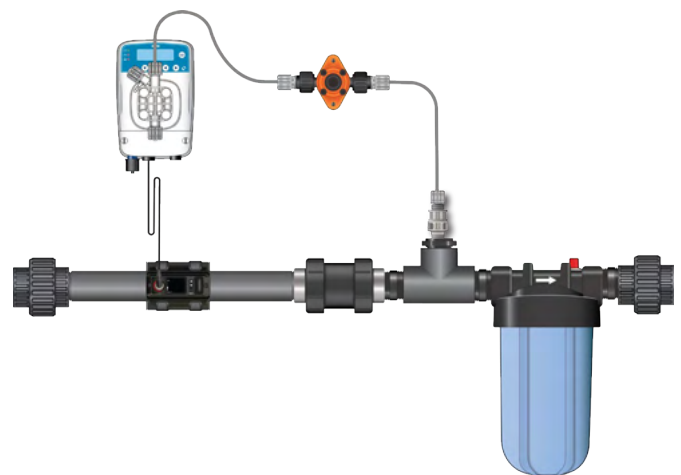
- Acids (pH down)
- Caustics (pH up)
- Plant Health Additives
- Water Treatment Products

Selecting the Right System:

1. Chose the chemical & verify dosage rates or dilution range
2. Identify location to inject the chemical for best efficacy and accuracy
3. Verify the pipe's outer diameter and type
4. Validate system flow rates and pressures
5. Confirm power source for two 120V plugs



Description	Item #
Lo-Flo Ultrasonic Micro-Doser Kit - 3/4" NPT	MDE0110MF.75KITUS

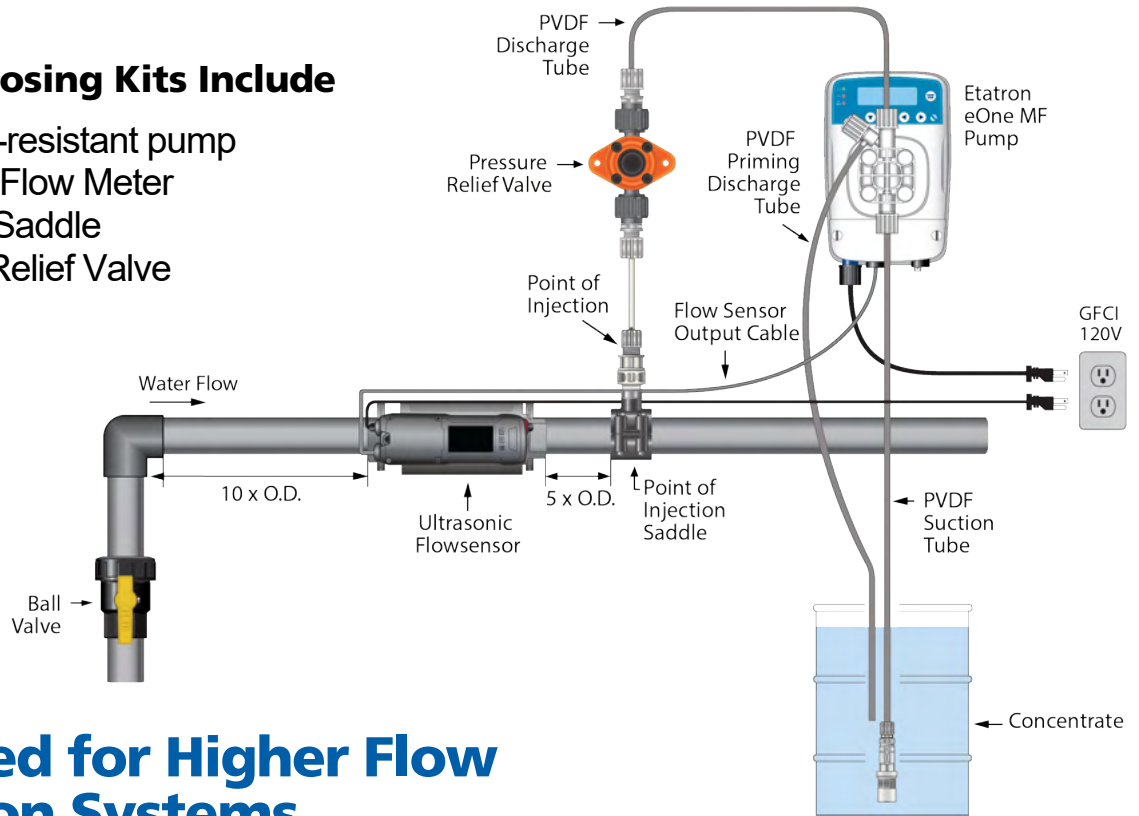


Description	Item #
Hi-Flo Ultrasonic Micro-Doser Kit - 1-1/2" NPT	MDE0607MF1.5KITUS

Mega-Flo Acid Dosing System

Mega-Flo Dosing Kits Include

- eOne acid-resistant pump
- Ultrasonic Flow Meter
- Plumbing Saddle
- Pressure Relief Valve



**Designed for Higher Flow
Irrigation Systems**

System Features

Easy-to-Read digital display w/ current & totalized flow rates	Designed for simple installation and programming
Proportionally injects into variable flow rates	PVDF wetted parts for high chemical resistance
Minimizes spills and employee exposure	Ultrasonic sensor – no mechanical parts

Pipe Size	2"	2-1/2"	3"	4"
Flow Range	100 GPM	150 GPM	200 GPM	400 GPM
Part #	MDE0710MF2KITUS	MDE1012MF2.5KITUS	MDE2007MF3KITUS	MDE3005MF4KITUS