

DilutionTM

SOLUTIONS



Animal Health Brochure

Chemical Delivery Made Easy

LIVESTOCK MEDICATION

Water-Powered Chemical Dispensers and Medicators

Dosatron's water-powered, chemical dispensers and medicators automatically compensate for flow and pressure changes providing consistent, repeatable results for your animals.

The Dosatron DM11F Diaphragm Mediator provides:

- Enhanced features, providing longer lasting parts
- The ability to work under the toughest conditions
- The highest quality diaphragm mediator on the market

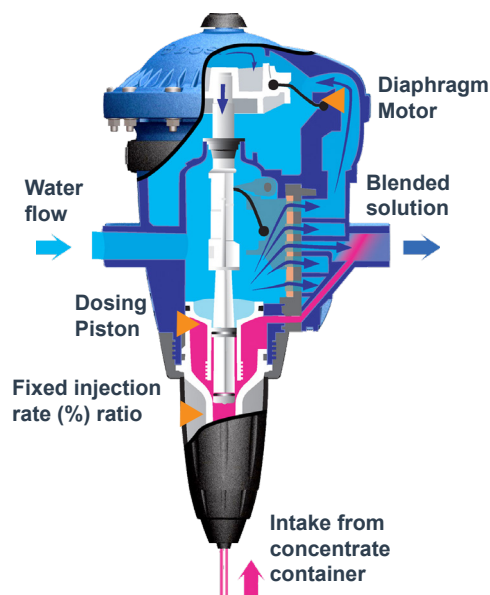
The DM11F has a wide flow range from 0.02 GPM up to 11 GPM. It is perfect for day-old chicks and also for weaners.

Dosatron's line of medicators can accurately dispense:

- Antibiotics and vitamins
- Electrolytes
- Chlorine
- Hydrogen Peroxide
- Vinegar and Iodine
- Line cleaners
- Nutritional supplements












DM11F Diaphragm
11 GPM
Fixed 1:128



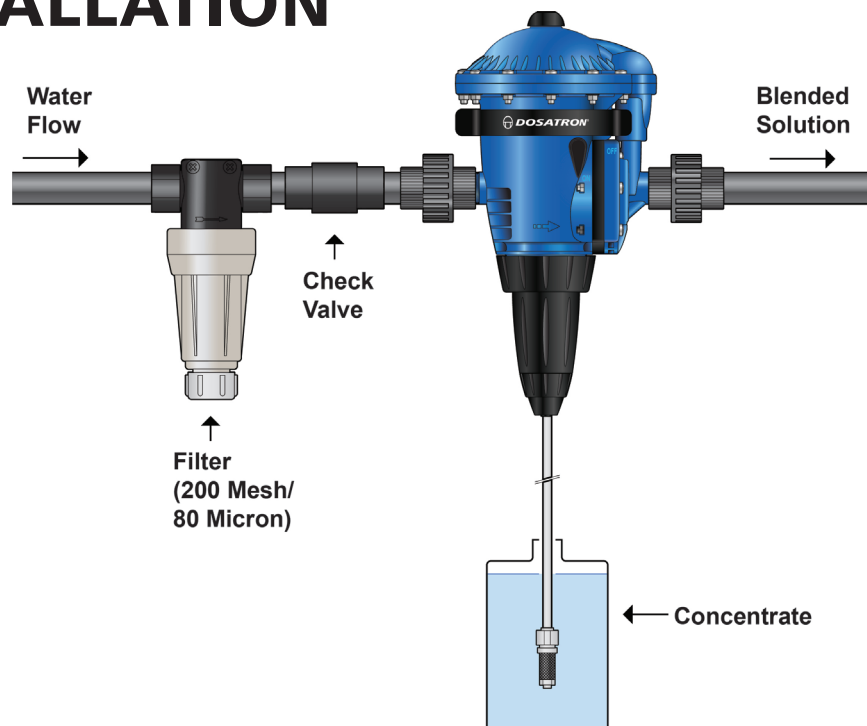
 **DOSATRON®**
WATER POWERED DOSING TECHNOLOGY

UNIT SPECIFICATIONS

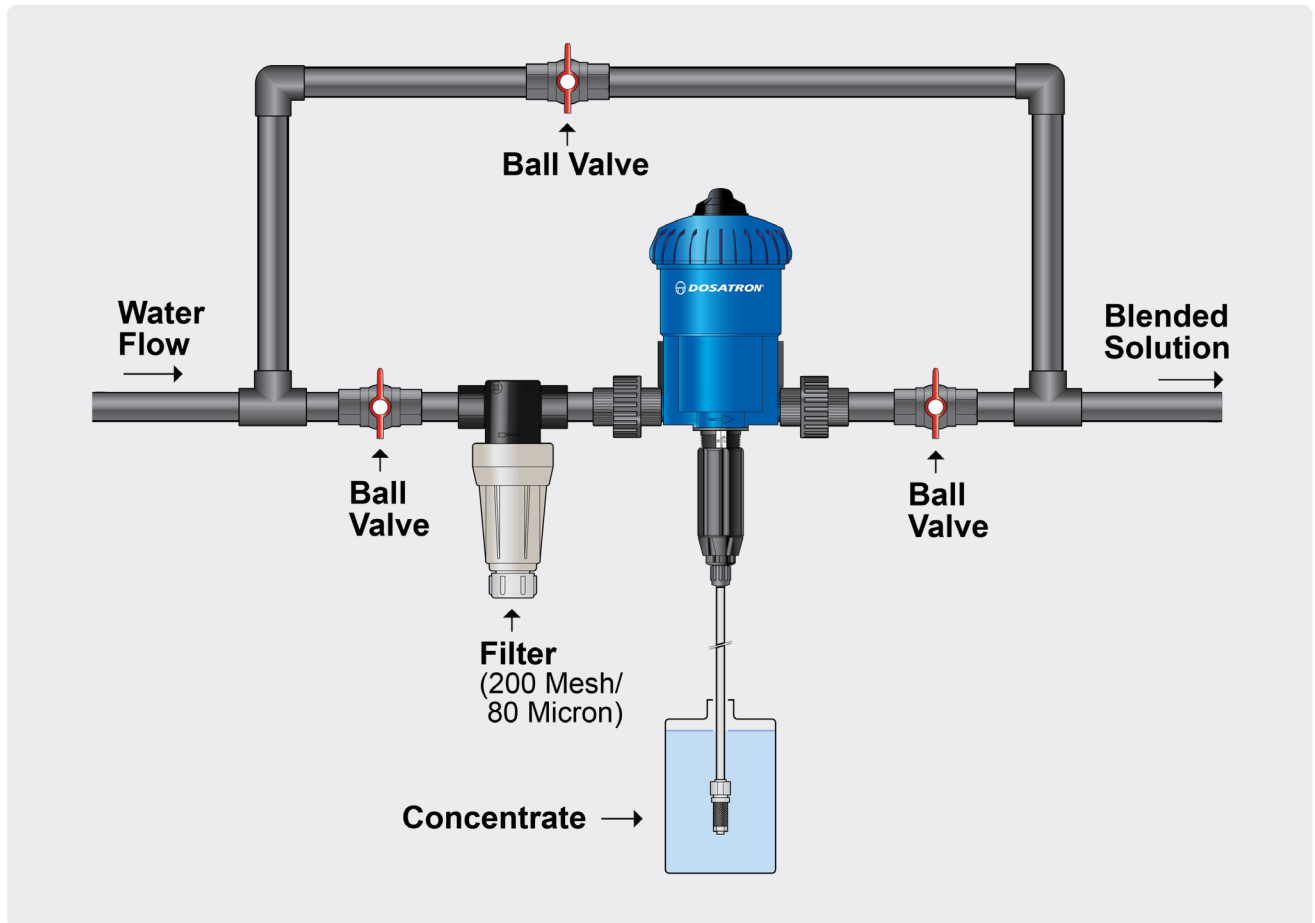
All Purpose Medicators									
MODEL	D128R	D25F	D25RE2	DM11F	DM11RE3	D14MZ2	D45RE15	D40MZ2	D20S
MAX. FLOW	7 GPM	11 GPM	11 GPM	11 GPM	11 GPM	14 GPM	20 GPM	40 GPM	100 GPM
MIN. FLOW	0.09 GPM	0.05 GPM	0.05 GPM	0.02 GPM	0.02 GPM	0.05 GPM	.4 GPM	2.2 GPM	5 GPM
DILUTION RANGE	1:128 1:100 1:200	1:128 fixed	1:500 to 1:50	1:128 fixed	1:128 to 1:32	1:500 to 1:50	1:500 to 1:66	1:500 to 1:50	1:500 to 1:50
INJECTION PERCENTS	0.8 1.0 0.5	0.8%	0.2 to 2%	0.8%	0.8% to 3%	0.2% to 2%	0.2 to 1.5%	0.2 to 2%	0.2 to 2%
PRESSURE RANGE	7 to 70 PSI	4.3 to 85 PSI	4.3 to 85 PSI	1.5 to 85 PSI	2.2 to 57 PSI	4.3 to 85 PSI	7 to 70 PSI	4.3 to 116 PSI	2 to 120 PSI
CONNECTIONS	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT	1 1/2" NPT	2" NPT

All units include: mounting bracket, suction hose, weighted strainer, and quick start guide.
Please review the basic installation drawing for recommended accessories.
MAXIMUM TEMPERATURE: 104 °F

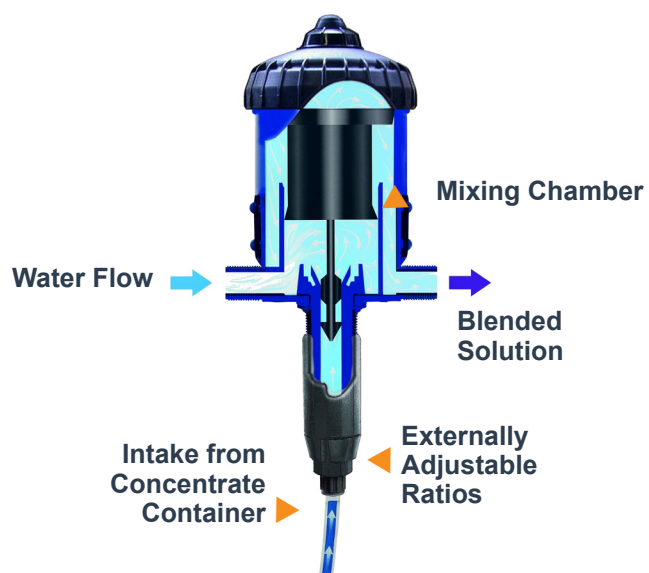
BASIC INSTALLATION



BYPASS INSTALLATION



UNIT OPERATION



BYPASS SWITCH

Optional Manual Bypass Switch
(DM11F includes built-in bypass)

Venturi

**LOW COST, COMPACT
PROPORTIONER
with BROAD
INJECTION RANGE!**

PERFECT FOR:

- LINE CLEANING/DISINFECTING
- BOOT WASH
- VEHICLE DISINFECTING
- COOL CELL PAD CLEANING/DISINFECTING



Dosatron
Proportioner
Part #:
DSA-VENTURI
(3"W x 5"H x 2"D)



FEATURES

- 3/4" Polypropylene proportioner
- Built-in check valve
- Restricts flow
- Bypass valve
- 12 large, easy-to-change, color coded tips
- Self-cleaning
- Injection rates of 1:100 to 1:2.3
- Chemical resistant
- Simple turn of bypass handle changes function from dosing to rinsing



KNOW YOUR PH

HM Digital Pro pH Meter

Measure the pH and temperature of the water with the easy-to-use HM Digital Pro pH Meter. The meter features:

- Low battery warning
- Waterproof body that floats
- Easy, automatic digital calibration
- Replaceable probe
- Lanyard
- Rewettable tips
- 1-year warranty
- Measures 0.00 - 14.00 pH



Part #: PH-200

HM Digital Pro Meter Case

The Meter Case is a hard-sided plastic case, designed to protect the HM meter and it includes a packet of calibration solution.

FEATURES:

- Injection molded polypropylene
- Prevents meter from damage
- Triple layer foam inside for added protection
- Snap locking front clasps
- Double lock loops for security



Case with Meter
Part #: X600-102-PH



Case without Meter
Part #: X600-102

LIVESTOCK MEDICATION

The Etatron e128 Medicator Electric Metering Pump

A true 11 GPM electric medicator - the Etatron **e128 Medicator** is the perfect pump for both your medicating and water treatment needs. Etatron's operation is NOT affected by water quality and is simple to use, highly reliable, and compact.

The **e128 Medicator** accurately injects:

- Antibiotics / Vitamins / Vaccinations
- Electrolytes
- Chlorine
- Vinegar and Iodine
- Acidification

Etatron is a leader in electric chemical metering pumps for over 35 years.




Part #: e128

e128 MEDICATOR
Fixed at 1:128
Pump capacity equivalent to an 11 GPM water-powered medicator
Pump automatically compensates injection for variations in flow
Self-priming pump head with manual air bleed for fast priming
Suction alarm to detect when bucket is empty
PVDF solenoid head for enhanced chemical resistance
IP65 acid resistance housing
Long lasting, unique one-piece, Teflon® (PTFE) diaphragm design
120 Volt, 60 Hz
Connects to 1 pulse per gallon or 1 pulse per 10-gallon water meter

- Doesn't Lose Its Prime
- No Squeeze Tubes
- 2-Year Warranty



Electric Medicator	
MODEL	e128 Medicator
INJECTION RATE	1:128
MAXIMUM PRESSURE	101 PSI
WETTED MATERIALS	
PUMP HEAD	PVDF
DIAPHRAGM	TEFLON® (PTFE)
SUCTION TUBING	PVC
DISCHARGE TUBING	POLYETHYLENE (PE)
VALVES	CERAMIC BALL
SEALS	AFLAS® (TFE/P)

LIVESTOCK WATER TREATMENT

The Etatron eMP



Part #: eMP




A safe and adequate water supply is fundamental to the production of healthy animals, making a water treatment plan essential.

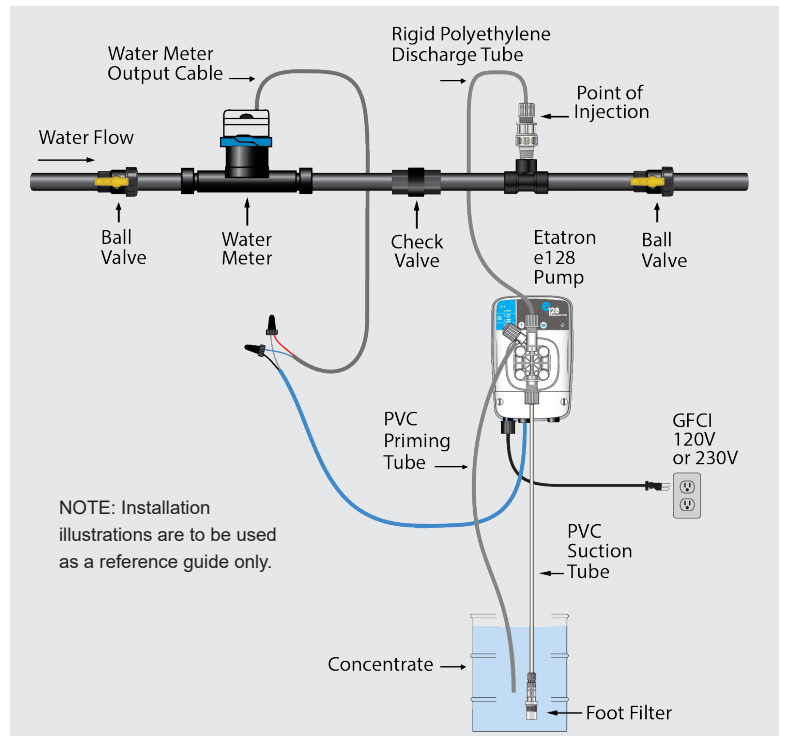
The Etatron **eMP** pump is the perfect answer to your water treatment, it is simple to use, highly reliable, and compact in size.

FEATURES

- Automatically adjusts injection speed to the water flow for proportional delivery
- Dual scale dial for easy stroke adjustment
- Operates with 1 pulse per 1 gallon or 1 pulse per 10 gallon water meter
- Superior diaphragm technology
- No squeeze tubes that can break
- Turns off automatically when the chemical container is empty
- Pump will turn OFF if pressure exceeds 145 PSI

Basic Installation

<div>Electric Metering Pump</div> 	
MODEL	eMP
INJECTION RATE	0.26 GPH (1 LPH) - MAX
MAXIMUM PRESSURE	145 PSI
WETTED MATERIALS	
PUMP HEAD	PVDF
DIAPHRAGM	TEFLON® (PTFE)
SUCTION TUBING	PVC
DISCHARGE TUBING	POLYETHYLENE (PE)
VALVES	CERAMIC BALL
SEALS	AFLAS® (TFE/P)



MEDICATING MADE EASY

ePC - Pulse Control

The Etatron ePulse Control receives a reed input signal from a water meter and can send it up to four pumps. Perfect for a facility with a pulse water meter (1 pulse per 1-gallon or 1 pulse per 10-gallons) to eliminate communication problems between devices.

FEATURES:

- Signals multiple devices independently from a 1PPG or 1PP10G water meter
- LED indicator lights up for each pulse
- Prewired for up to four devices
- Just plug into power supply and connect communication wires



Part #: EPC-Pulse Control



e128 Panel With ePulse Control



Simple-to-install panel with Etatron e128 Medicator and ePulse Control. You can easily attach a 1PPG (1 pulse per 1-gallon) or 1PP10G (1 pulse per 10-gallons) water meter already hooked to your house control.

FEATURES:

- Panel is 17" x 24"
- Pre-plumbed, simply connect 3/4" FPT to your plumbing line or by a garden hose connection
- Includes ePulse Control

Part #: PE128.75IN1GPC

e128 Panel With Water Meter

The Etatron e128 Medicator, with a 3/4" 1 pulse per 1-gallon water meter, is built onto an easy-to-install panel.

FEATURES:

- Ships preassembled
- Panel is 17" x 24"
- Pre-plumbed, simply connect 3/4" FPT to your plumbing line or by garden hose connection

Part #: PE128.75IN1G



INSTALLATION ACCESSORIES

Water Meter

This totalizer water meter features:

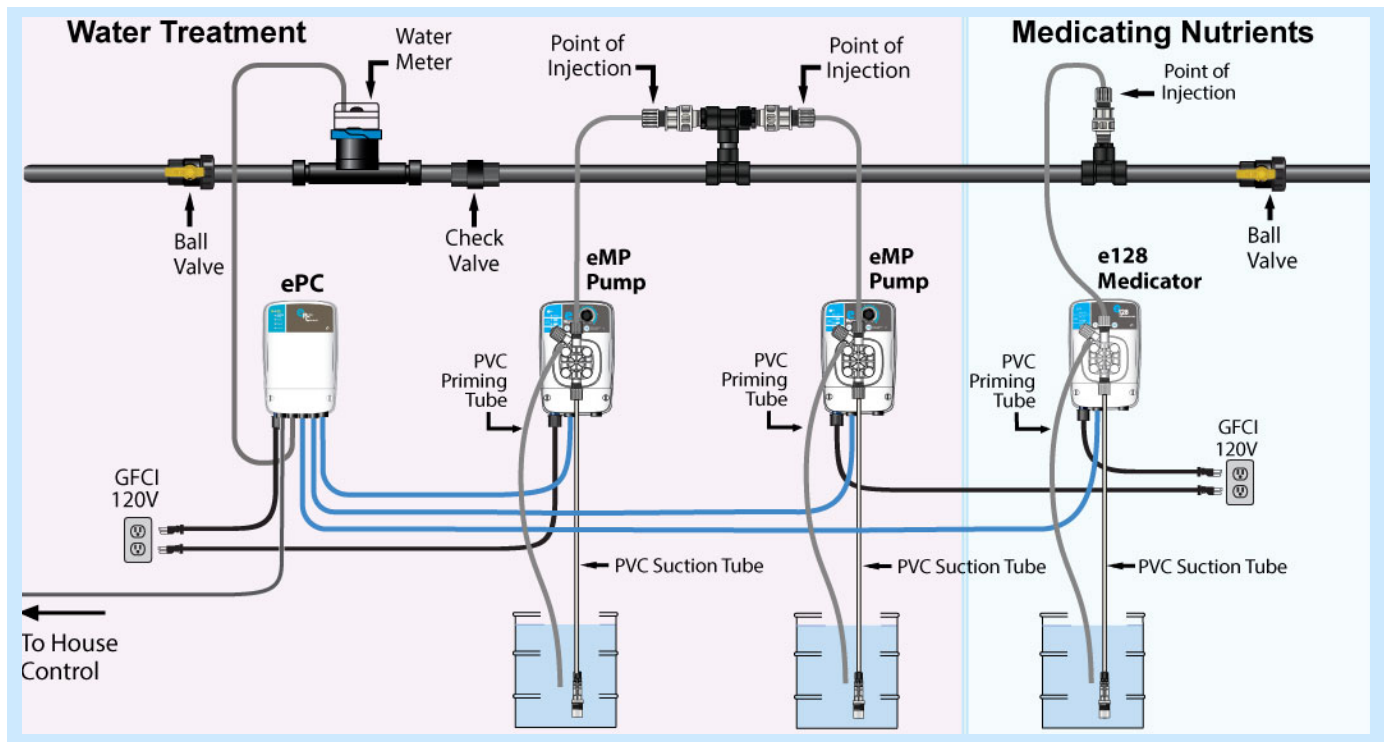
- Pulse output is 1 pulse per 1-gal or 1 pulse per 10-gals
- Available in 3/4" to 2"
- Lightweight polypropylene (3/4" - 1 1/2" pipe size)
- Brass or Stainless (2" pipe size)
- Analogue
- Reads gallons



3/4 " 1 Pulse per 1 Gallon Pictured
Part #: WM34-1PPG (1 pulse per 1-gal)
Part #: WM34-1PP10G (1 pulse per 10-gals)

LIVESTOCK WATER TREATMENT INSTALLATION

Make Etatron part of your water treatment and medication plan to provide a safe and adequate water supply for the production of healthy animals.



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

CONNECT



1-800-451-6628

Give us a call and we will be glad to answer any of your questions or take your order.



CHAT

It's easy to CHAT at www.dilutionsolutions.com. Just enter your question and we will be glad to assist.

Mailing Address:

Dilution Solutions, 2090 Sunnydale Blvd., Clearwater, FL 33765

Hours of Operation:

Monday - Friday, 8:30 am - 5:00 pm EST

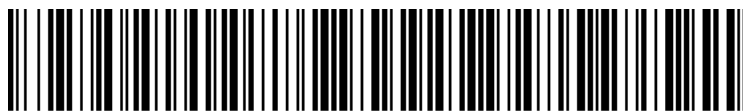
Saturday - Sunday, Closed

Dilution Solutions has partnered with some of the top brands to make chemical delivery EASY!

Call Now! 1-800-451-6628 or 1-727-451-1198

DilutionTM

SOLUTIONS



LIT-EN-DILSOL-LS-COMBO

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