



AMERICA

eOne MF Quick Start Guide

Flow Rate 7.92 GPH, Max. Pressure 72 PSI

Congratulations on your new Etatron.
Please read the following important information.

Included in Box

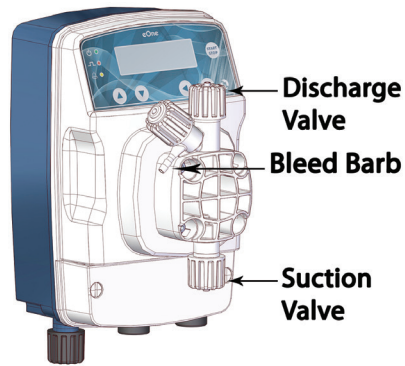
- eOne MF pump
- Bracket Mounting Kit
- Operating instructions and maintenance manual
- Allen Wrench (to remove solenoid when needed)
- Hose Packet
 - Opaque, Rigid PE Tubing for the Discharge
 - Clear, Flexible, PVC Suction Tube
 - Injection Stem
 - Foot Filter

NOTE: Remove safety labels before installing and remember that pumps may hold water inside.



CAUTION

- See operating manual for complete instructions and safety standards.
- When connecting a metering pump either to a public water supply or to its own water source, you must respect the regulations in force concerning protection of the source i.e. prevention, etc.



Water Meter Options

	WM34-1PPG	One pulse per gallon
	WM34-10PPG	One pulse per 10 gallons

NEED HELP? CALL 800-451-6628

Part A: Attaching the opaque tubing to the discharge valve stem on the solenoid

1 Remove the top discharge valve nut.	
2 Remove the protective cap from the nut and discard.	
3 Insert the opaque tubing through the nut.	
4 Slide the locking collar onto the tube and insert the barb fitting over the tube creating a compression fitting.	
5 Screw the nut back onto the discharge valve. Hand tighten.	
6 Install the injection valve into the water line. Refer to the red box for details.	
7 Attach the other end of the tubing to the injection valve, following steps 3 and 4.	

Part B: Attaching the injection valve tubing

1 Cut clear tubing into two pieces that are the correct size for your application.	
2 Attach one of the two clear PVC tubes to the suction valve following steps 2 - 5 in part A.	
3 Attach the foot filter (using the same process as above) to the other end of the clear PVC tubing. Place into stock tank.	
4 Slide the second clear PVC tube onto the bleed barb and place into stock tank.	

Installing the injection valve into the water line

Injection stem has 1/2", 3/8" and M10 MPT thread options.

Cut to your specifications. Insert into water line so that the end of the injection valve is midway in the pipe.

Part C: Connecting the Water Meter

Tools needed: punch, small flat head, and a standard size flat head screwdriver

1 Remove bottom front cover using a standard flat head screw driver.	
2 Remove the rubber cap on the left.	
3 Using a punch tool, punch a small hole through the rubber cap.	
4 Insert the water meter wires through the hole in the rubber cap.	
5 Run the wires back through the hole in the front of the cover. Reinsert the rubber cap.	
6 Attach water meter wires to #3 and #4 (3rd and 4th holes from left) by pressing the button and inserting the wires using the small flat head screwdriver. Tug gently on wire to assure it's connected properly.	




NOTE: There is no polarity, so it doesn't matter which wire goes into the slots

(Continue to back)



Priming Instructions for Livestock Only

Part D: Priming the Pump




- 1** Plug the pump in, this will put you into set-up mode. 
- 2** Arrow over two times to the right and select MF. 
- 3** Click the start button twice. Screen should show Operating Mode - Manual Mode. The pump will begin to prime. 

Part E (continued) - Programming the Pump

- 4** Arrow down. 
- 5** Click start. 
- 6** Screen changes reflecting what you programmed: 1xNM 18 will be in upper left corner. 

NOTE: Your pump will run upon receiving a pulse from the water meter. On the second signal the pump will dose slower, spacing out the pulses over time.

Part E - Programming the Pump

- 1** Arrow right, should read 1xN(M) meaning 1 pulse from water meter program # times pulse, - (m) = memory, for every signal from water meter. 
- 2** Arrow down once and you will have the option to input the pulse number (pulses num:). 
- 3** Arrow right to input number of pulses. For example, if you are using a 1 pulse per gallon water meter then enter 18 pulses, the pump will dispense 1 ounce per gallon (1:128).  **NOTE:** If you are using a 1 pulse per 10 gallons water meter, set the number of pulses to 183 to achieve one ounce per gallon (1:128)

The pump is ready to receive signals from the water meter.

Installation

