



e128+ Quick Start Guide

Flow Rate up to 11 GPM
Fixed at 1:128

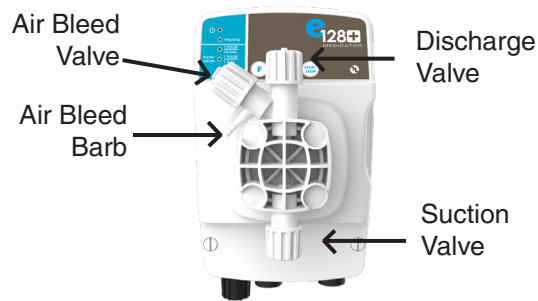
Included in the box

- e128+ Medicator Pump
- Support bracket & mounting hardware
- Quick Start Guide
- Tubing Kit:
 - Injection valve
 - Foot filter
 - 6-1/2' polyethylene (PE) discharge tubing
 - 6-1/2' PVC suction tubing
 - 6-1/2' PVC bleed-off tubing

NOTE: Remember that pumps are factory tested and 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. backflow prevention, etc.



Part A: Attaching the PE discharge tubing and installing the injection valve

1

Remove the discharge valve tubing connections and set them aside. Be careful not to lose them.



2

Remove and discard the transit washer.

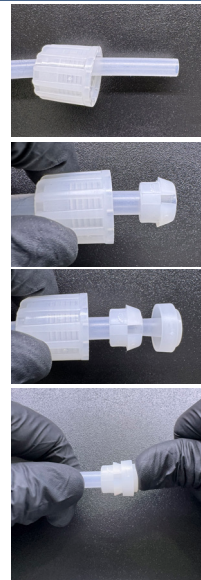


3

Insert the end of the PE discharge tubing through the outside opening of the tube nut.

Insert the end of the tube through the tube collar with the crown pointed towards the tip of the tubing until flush with tubing end.

Insert the nozzle in the tube's opening and push them together as close as possible.



4

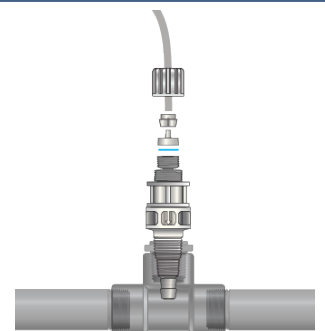
Connect the discharge tubing connections to the pump head. Measure the discharge tubing to the point of injection so there is no tension. Cut off any extra tubing.



5

Apply 3 to 4 wraps of PTFE tape to the 1/2" threads of the injection valve and insert into the water line.

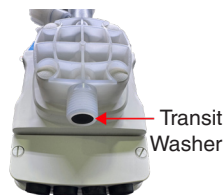
Using Step 3, connect the free end of the discharge tubing to the injection valve.



Part B: Attaching the PVC suction tubing and bleed-off tubing to the pump head

1

Remove the suction valve tubing connections and set them aside. Remove and discard the transit washer.



2

Attach the large diameter PVC suction tubing to the foot filter using step 3 in Part A.

Lower the foot filter via the suction tubing giving enough tubing so that the foot filter stands vertically in the stock tank and cut off any extra.



3

Attach your suction valve tubing connections to the free end of the PVC suction tubing using step 3 in Part A.

Connect the suction tubing connections to the pump head.



4

Slide the end of the small diameter PVC bleed-off tubing over the air bleed barb.

Lower the bleed-off tubing into the stock tank and cut off any extra.



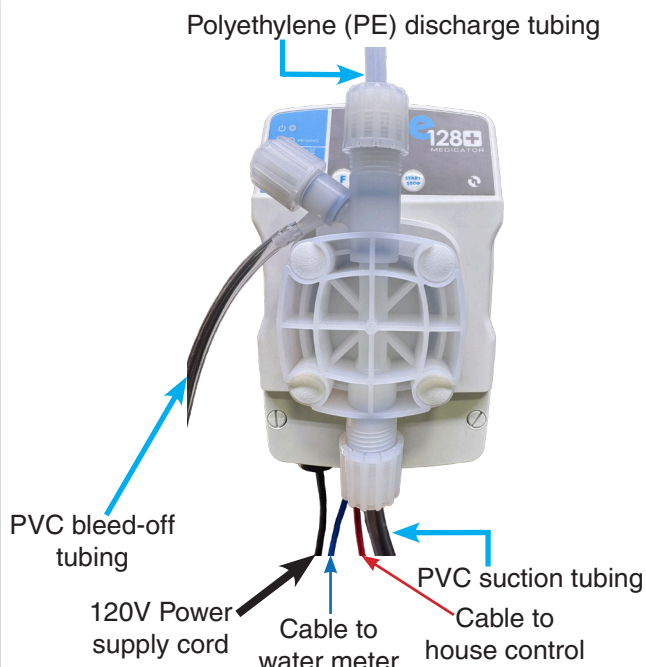
STOP



ENSURE ALL TUBING CONNECTIONS ARE COMPLETE AND SECURE BEFORE PRIMING AND NORMAL USE

PRIME AND TEST WITH WATER BEFORE APPLYING CHEMISTRY

CONNECTION IDENTIFICATION



Part C: Connecting your e128+ to your system

The e128+ Medicator comes pre-wired. Use the blue wire to connect to your water meter. Use the red wire to connect to your house controller or additional metering pump.

SEE DIAGRAM ON BACK PAGE FOR DETAIL



CAUTION

Independent Water Meter

*Sold separately. It is necessary to have a water meter to operate your e128+ medicator

Water Meter Options



WM34-1PPG

One pulse per gallon

WM34-1PP10G

One pulse per 10 gallons

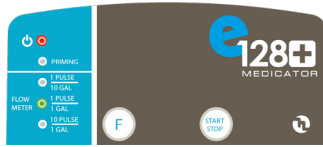
WM34-10PPG

10 pulses per gallon

Part D: Pump priming

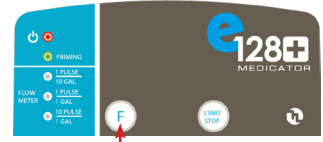
1

Plug the e128+ Medicator into a **120V NEMA 5-15R GFCI** outlet.
The pump will be in Standby Mode - signified by the power LED being red.



2

Press the **F** (Function) button until the priming LED is lit.



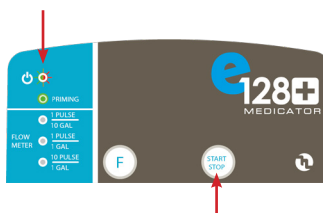
3

Open the bleed-off valve until you hear a click.



4

Press the **START/STOP** button to begin the priming operation. The pump will click repeatedly and the power LED will flash red/green. Liquid should be going up the suction tubing and down the bleed-off tubing.



5

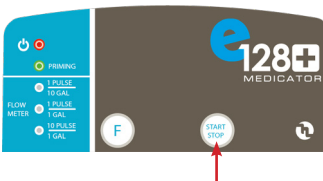
As soon as the liquid is consistently going back into the stock tank, close the bleed-off valve all the way. This will force the liquid up the discharge tubing and toward the injection valve.



Your e128+ Medicator is fully primed when the liquid is at the injection valve.

6

The priming operation will stop on its own. If the pump is fully primed before the process finishes, you can press the **START/STOP** button to end the priming.
If your pump is not fully primed, go back to step 4.

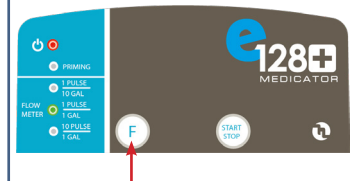


Part E : Selecting the program/water meter

1

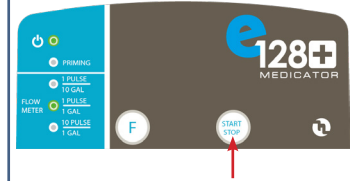
The e128+ program must match your water meter. Press the **F** button to cycle through the programs until you select the program matching your water meter.

Image shows 1PPG selected (using 1x Pulse Per Gallon water meter)



2

Press the **START/STOP** button to put the pump into operating mode. This is signified when the power LED is green.



When the pump is actively dosing, the power LED will flash red/green



Part F: Pulse Forwarding ONLY mode

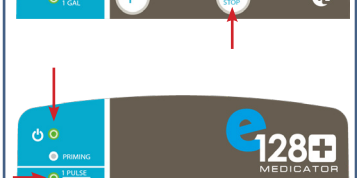
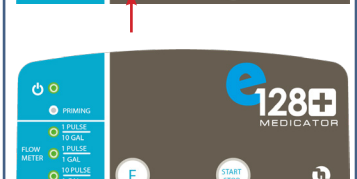
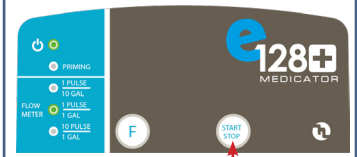
To enter PULSE FORWARDING mode:

Press the **START/STOP** button to stop the pump.

Press the **F** button until all LED's are lit

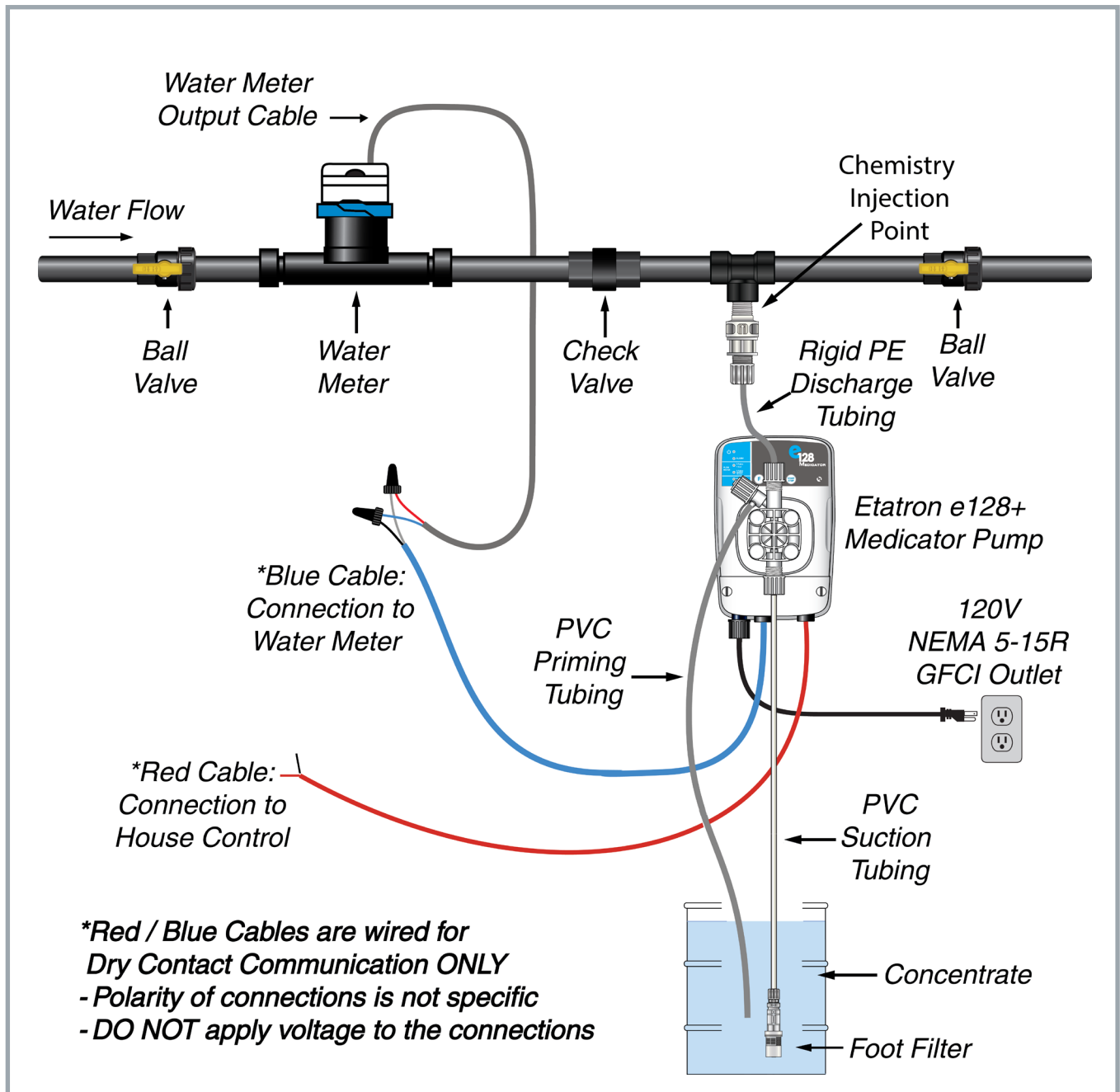
Press the **START/STOP** button to enter PULSE FORWARDING mode

When PULSE FORWARDING is actively happening, all (3) flow meter LED's and the (1) power LED will be solid green



e128+ Medicator Installation

The e128+ Medicator Pump is ready to receive signals from the water meter.



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

Dilution Solutions

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IDS070225WB1



NEED HELP? CALL 1-800-451-6628