

Nutrient & pH Control | ORP Optional

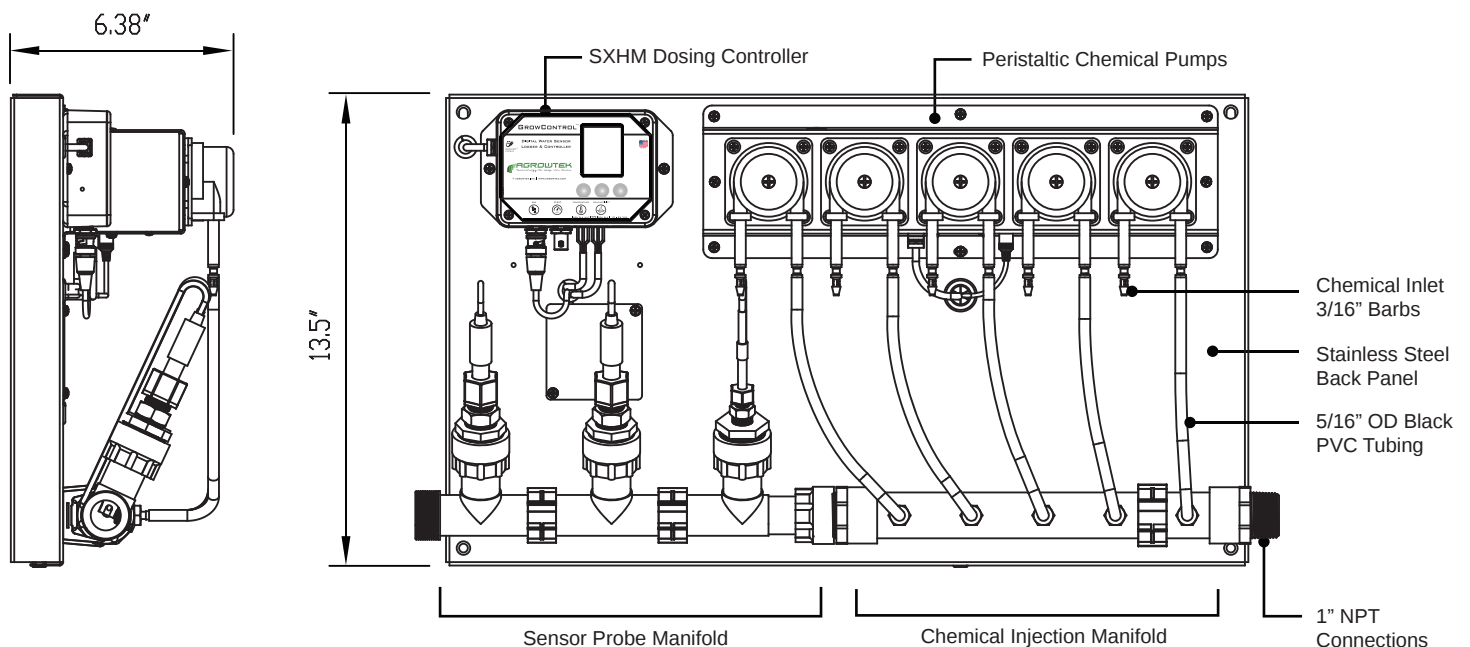
MDXP Modular Dosing Panels automate nutrient dosing and pH control (+ORP) in large or small nutrient stock tanks for re-circulating hydroponic systems. These pre-assembled panels come ready to dose! Just connect the water manifold to your system and plug in power! Controller, dosing pumps and water manifold are all conveniently mounted on a stainless steel back panel simplifying installation and providing a clean appearance.

Available in 1, 2, 4, 5 or 6 pump configurations. Each pump can be configured for pH up/down, EC nutrient dosing or ORP as required. SXH hydro sensor with LCD display allows advanced configuration of the pumps and dosing parameters, manual pump priming, as well as graphing, alarms, data logging and more in a simple to use menu interface.

AgrowDose peristaltic pumps have legendary reliability, are self-priming, draw over 10ft of lift and pump into lines up to 25psi. Pumps feature easy-maintenance with no-tool, twist-off replaceable/servicable heads. Stainless steel back-panel makes installation as simple as hanging on a wall and connecting plumbing.



MDX Doser Features



Ordering Options

MDX5-P +ORP

- 1: Single Pump
- 2: Dual Pump
- 4: Quad Pump
- 5: Penta Pump
- 6: Hexa Pump

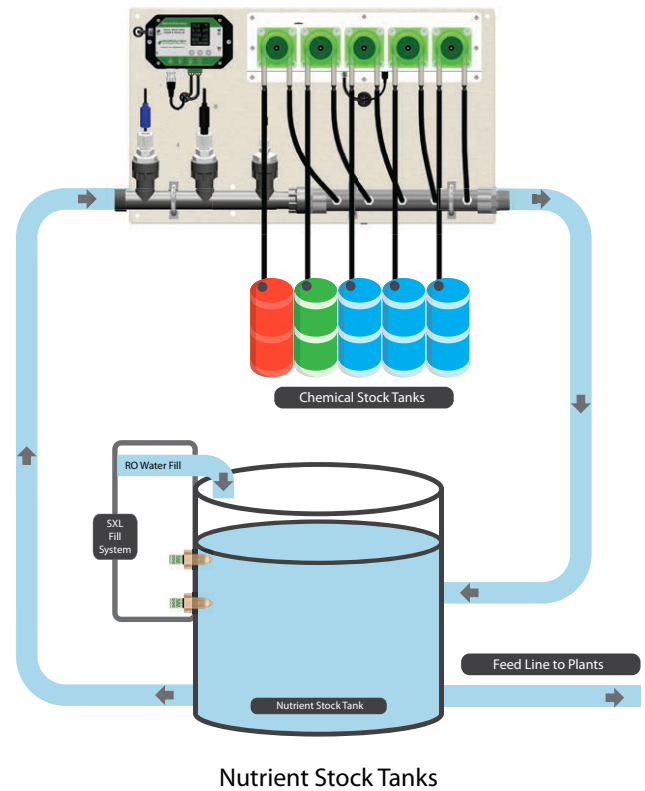
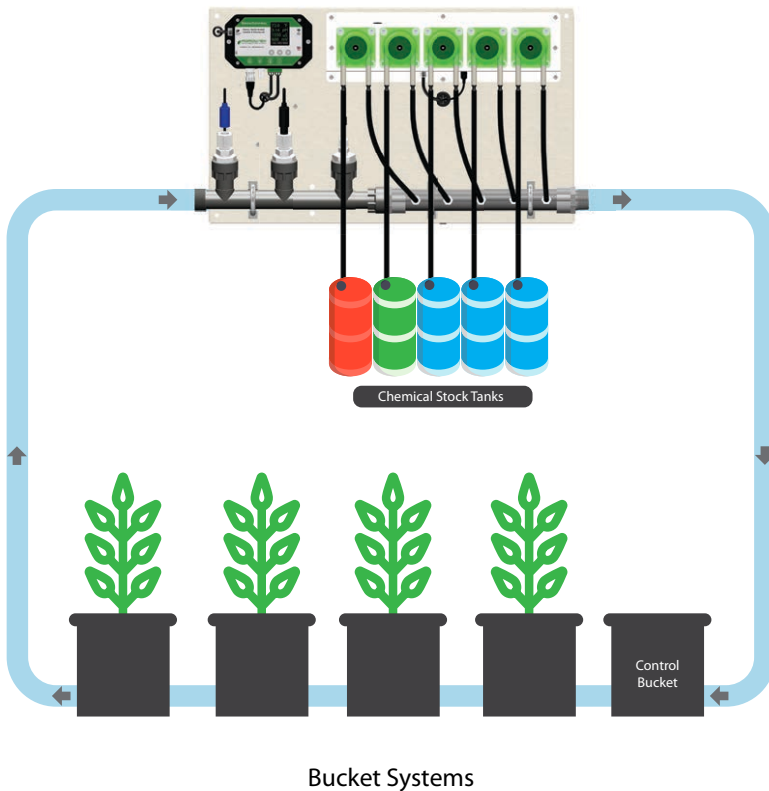
None: pH, EC & Temperature
+ORP: Add ORP

Dimensions

Model	Panel Width	Plumbing Width
MDX1	16.5"	18.5"
MDX2		
MDX4		
MDX5	23"	25"
MDX6	32"	34"

For Recirculating Systems

Typical Installation



Recommended pump:
3 - 10 gpm (180 - 600 gph)

Recirculating Systems (Deep Water Culture, NFT, Ebb & Flow, etc.)

The dosing system can be installed inline with the system's recirculating pump providing readings and dosing water on the return to the reservoir, or a separate circulation pump may be used to sample dose the main reservoir.

Drain to Waste Systems (Drip Irrigation, etc.)

The dosing system is typically installed on a recirculating loop connected to a stock mixing tank. As mixed feed solution is drawn off of the tank to feed plants, water re-supplies the tank and the system doses to maintain the stock concentration.

Continuous recirculation and monitoring of the solution provides well regulated control of the water without the need to frequently check and dose manually.



Add Agrowtek's SXL electronic optical liquid level sensor and water valve kits to the stock tank to automate the water level control and replenish the tank with water.

TIP