



# AMERICAN

*Manufacturing Company, Inc.*

## GENERAL DRIP DESIGN DEFINITIONS

<b><u>Run</u></b>	One continuous length of tubing run across contour connected to a supply line or return line or another run.
<b><u>Lateral</u></b>	One run or a series of runs connected at one end to a supply manifold and the other end connected to a return manifold.
<b><u>Zone</u></b>	A group of laterals dosed at the same time.
<b><u>Field flushing</u></b>	The routine maintenance act of cleaning drip tubing by opening the end of a lateral and creating scouring velocities in the same direction of flow in the tubing to remove solids which may plug an emitter.
<b><u>Flow equalization</u></b>	Storage of effluent peak flows to provide for even time dosing of dripper lines. It is designed into system by distance between the enable float and the alarm float.
<b><u>Mechanical filtration</u></b>	Mechanical filtration of the applied effluent to prevent emitter plugging.
<b><u>Supply Manifold</u></b>	The supply pipe feeding a zone to which laterals are connected.
<b><u>Return Manifold</u></b>	The pipe carrying field flushing wastewater from a zone.
<b><u>Dripper line loading rate</u></b>	The amount of contaminants dispersed by the dripper line. This material shall be described in generally accepted engineering units such as gallons per day of water and pounds per day of contaminant (BOD, FOG, Solids, etc)
<b><u>standoff</u></b>	The vertical and horizontal separation distance from receiving environment limitations.
<b><u>monitoring</u></b>	Periodic inspection of system for performance.
<b><u>pretreatment</u></b>	Conditioning of effluent prior to dispersal by drip system.
<b><u>draindown</u></b>	The action of effluent left in the distribution system after the pump shuts off that drains by gravity to the lower lines in the system.
<b><u>control</u></b>	Electromechanical Operational interface device used to operate the system. Automatic Control is operation without human physical actions. Manual control operation is the operation of a system which bypasses or is not performed by automatic equipment.

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