



AMERICAN

Manufacturing Company, Inc.

DUPLEX DEMAND DOSE CONTROLLER SPECIFICATION

The pump control panel shall be equipped with three float switches to control, by volume, each dose to be discharged. The dosing volume is adjustable by increasing or decreasing the distance between the "Pumps Off" (Bottom) and "Pump On" (Second) floats. When the water level rises high enough to overcome the "Pump On" float, the lead pump will activate and continue to run until the water level drops below the "Pumps Off" float. The control will then alternate the lead pump. If the water level continues to rise and reaches the "Lag Pump/ Alarm" (Third) float, the lag pump and alarm will activate and both pumps will continue to be powered until the water level drops below the "Pumps Off" float. The audio/visual alarm will continue to be activated "latched in" until the alarm silence switch is pressed, at which time the audio alarm will be silenced. The visual alarm will remain lit until the liquid level drops below the "Lag/Alarm" float.

In the event that a four float installation is specified, the alarm float shall be placed in the second from top location and the lag float shall be placed in the top position. The is to assure that the level alarm will activate before both pumps are out of order.

The control shall be UL 508A listed, inspected and labeled. The control shall include NEMA rated enclosures, color coded wiring, electrical schematics, a sequence of operation datasheet, and numbered terminal blocks. Manufacturer shall have 10+ years' experience in both design and manufacturing of wastewater systems and shall provide technical and installation support by an 800 number phone access.

The options in the control shall be as detailed in the Model Number. The control shall be manufactured by American Manufacturing Company, Inc., of Elkwood, Va.

American Manufacturing Company, Inc.
22011 Greenhouse Rd, Elkwood, Virginia 22718
800-345-3132

www.americanonsite.com