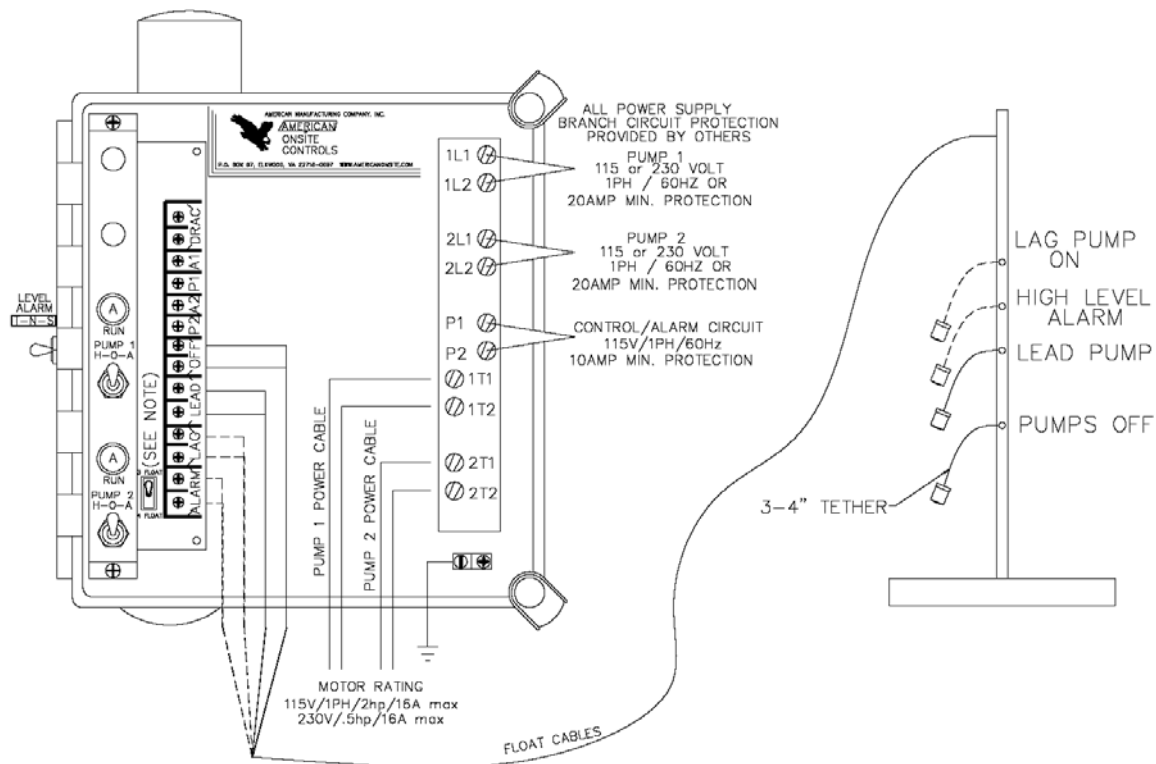


AMERICAN AUTOMATED CONTROLS

"D" Series – Duplex Demand Dose



Typical Model Number: DAB124-AFJL.

Duplex (**D**) control with alarm (**A**), breakers (**B**), 1ph (**1**), 115 or 230 volt (**2**), NEMA 4X enclosure (**4**), auto-reset alarm (**A**), flashing light (**F**), upgraded contactor (**J**), locking hasp (**L**) (Locking hasp standard with NEMA 4X enclosures).

THREE FLOAT OPERATION

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 run until the water level drops below the "Pumps Off" float. The audio/visual alarm will be 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. Refer to depiction above for 4 float configuration.

SIMPLEX OPERATION

In the event a pump is not operable, the pump shall be taken out of service by turning that pump's H-O-A (Hand-Off-Auto) switch to the "Off" position. This shall signal the control to operate as a simplex pump control enabling the high level alarm to operate as normal.