



REPEAT CYCLE TIMER CONTROL SPECIFICATION—SEQ

Typical Control Model Number: SEQAB124-ACEFJL. Simplex (S) equalization (EQ) control with alarm (A), breakers (B), 1ph (1), 115 or 230 volt (2), NEMA 4X enclosure (4), auto-reset alarm (A), cycle counter (C), elapsed time meter (E), flashing light (F), upgraded contactor (J), locking hasp (L) (locking hasp standard with NEMA 4X enclosures).

The pump control panel shall be equipped with two float switches to control the timed doses to be discharged. When the water level rises high enough to overcome the "Timer Enable" (first) float the repeat cycle timer will begin timing the "off" period. When the "off" period has timed out, the pump will activate and the timer will begin timing the "on" period. The pump shall continue to run for the length of time as programmed on the "on" period. When the timer has finished timing out the "on" period, the pump will shut off and the timer will begin timing out the "off" period again. This cycle will repeat itself until the water level drops below the "Timer Enable Float". When enough effluent has been removed from the pump tank the float will disable and shut off the pump and run timer.

If the water level continues to rise enough to overcome the "High Level" (second) float, the audio/visual alarm shall activate until silenced by pressing the silence switch. The alarm circuit shall automatically reset when the "High Level" float returns to its normal position.

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.
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