

# MODEL 217

Aerobic system control panel for systems requiring timed dosing of effluent at repeated intervals ranging from a few seconds to several hours (Repeat Cycle Timer). Includes power circuit for compressor, audible and visual High Water/Low Air Pressure alarms.

## Power Specifications:

- Input power:** 120 VAC, 60 Hz, 1 Phase, 20 Amps
- Pump:** 120 VAC, 20 Amp C/B, 1 Hp max.
- Compressor:** 120 VAC, 10 Amp C/B, 1/2 Hp max.
- Alarm:** 120 VAC, 10 Amp C/B, Alarm/Control power.

## Control Features:

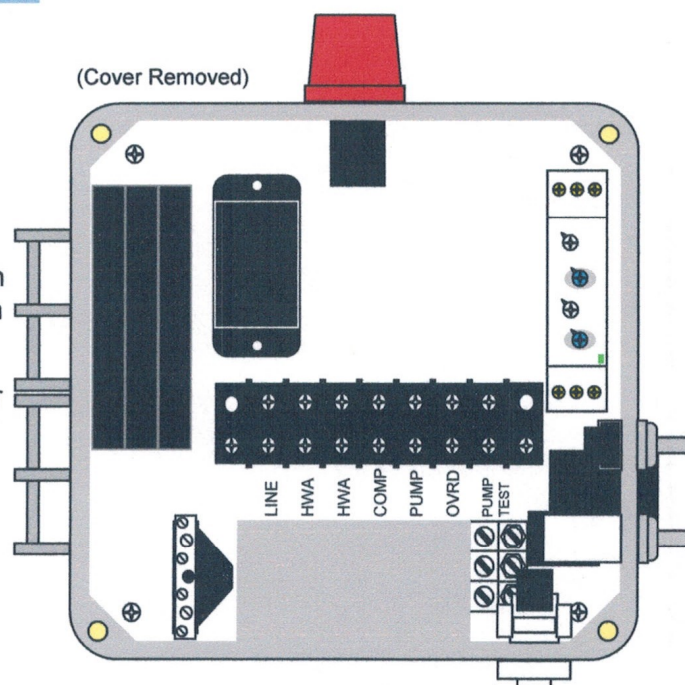
**Timer Control:** Pump on and off times are individually settable with values ranging from 0.1 second to 100 hours. Override feature turns pump on immediately if water exceeds normal levels (during surges or extended power outages). Includes Pump Test switch to verify operation of the effluent pump.

Individual circuit breakers provide short circuit protection and disconnect feature for compressor, pump and alarm circuits.

**Alarm:** Visual and audible (90 dB) alarm for High Water and Low Air Pressure faults. Includes Mute/Test switch to verify operation of the alarm circuits and to silence the audible alarm until fault is cleared.

**Enclosure:** 8"X8"X4" poly enclosure rated NEMA 4X (waterproof)

**Certifications:** NSF/ANSI Standard 40 approved  
UL Listed (UL508A) Control Panel  
for USA/Canada



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## System Component Requirements:

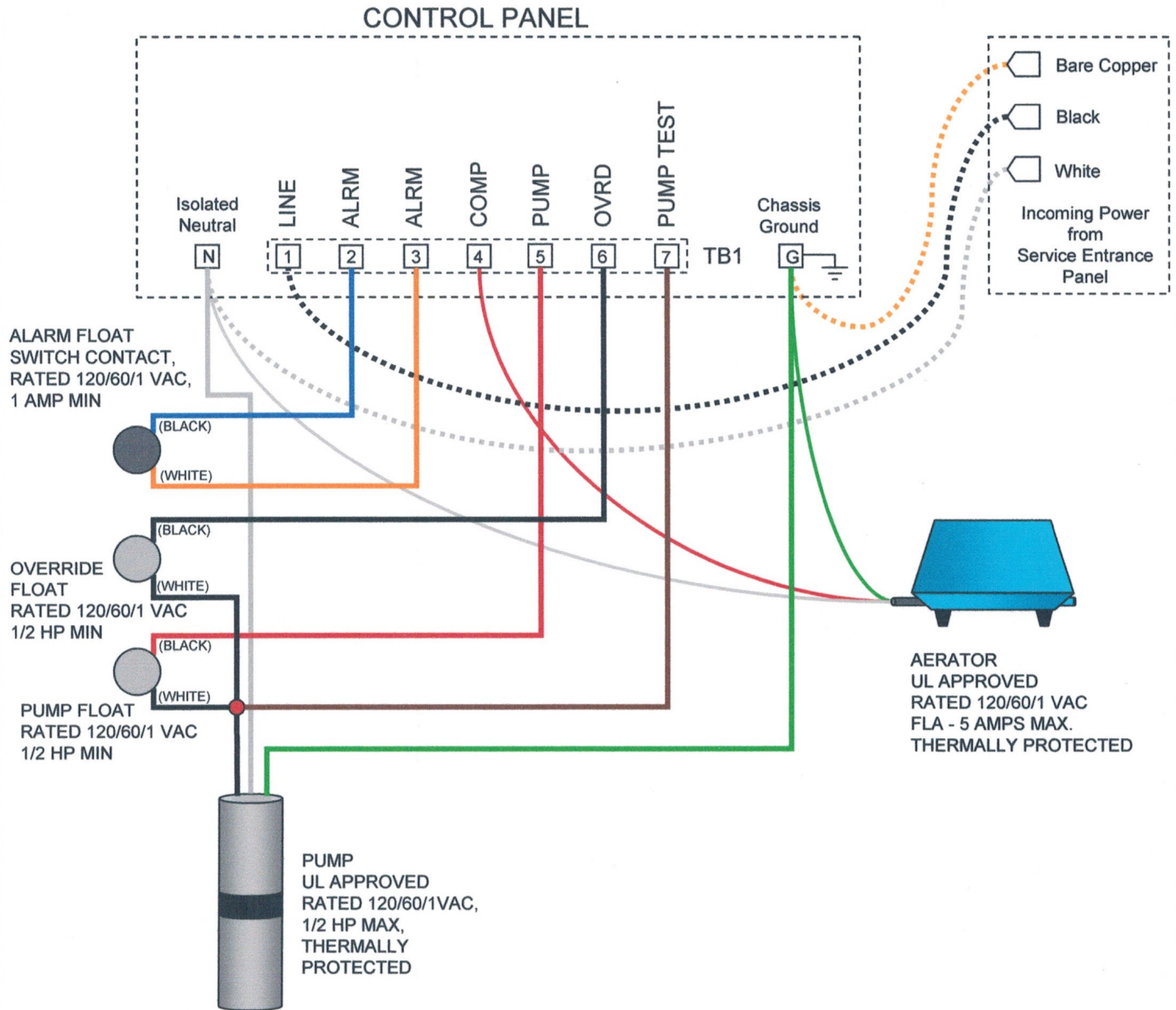
- High Water Alarm float – Rated 120VAC, 1 Amp min.
- Override float – Rated 120VAC, 20 Amps (1 Hp) min.
- Pump float – Rated 120VAC, 20 Amps (1 Hp) min.
- Pump – 120VAC, 1 Hp Max, UL approved with internal thermal protection.
- Compressor – 120VAC, 1/2 Hp Max, UL approved.

## Control Panels and Alarms a division of ETI

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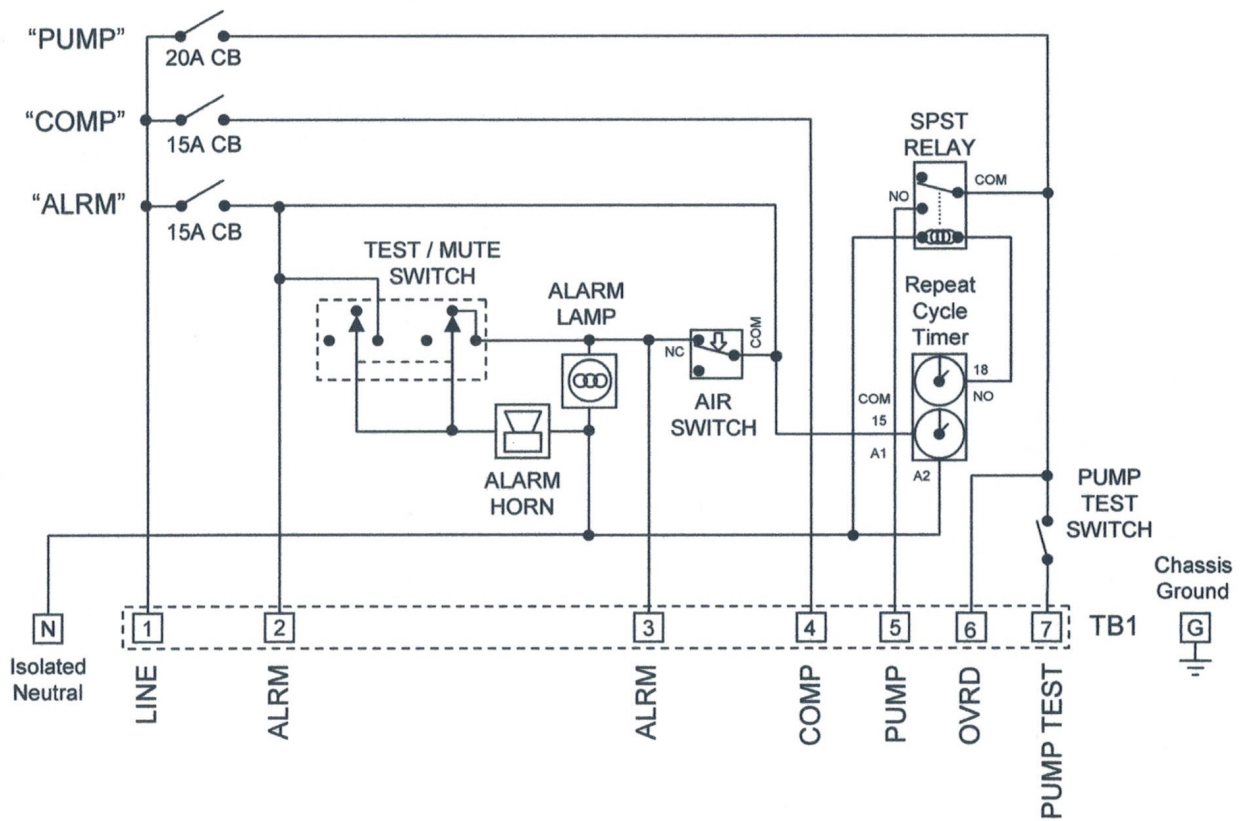
Notes for field installed components:

1. Main Disconnect, Branch Circuit Protection, wiring and external components to be provided by installer.
2. Field wiring - #12 – #10 AWG, 60°C min, use copper conductors only.
3. Field installed conduit fittings must be rated for use with Type 4X Enclosure.  
If used, metal conduit fittings must provide means to bond conduit to ground terminal.
4. Torque Terminal Block, Neutral and Ground screws to 15 – 20 in-lbs.
5. **Conduit openings must be sealed around wiring with an electrical grade (non-corrosive) sealant to prevent potentially harmful vapors from entering the control panel.**

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