

Hoot Panel / Blower Installation Instructions

- 1) The panel should be located on the exterior of the house within 60' of the Hoot tank, 2' – 3' above grade.
- 2) 1-20 amp service for a gravity system or 1-30 amp service for a pump system should be provided to an exterior disconnect (preferably next to panel) which should then feed the Hoot panel.
- 3) The Hoot blower should be located at grade in close proximity to the panel (see Photo example #1). A concrete pad is provided for a level solid base for the blower. The blower wiring should be installed in a flexible conduit and connected directly to the panel. Wiring terminals are provided inside the panel for direct connection of the blower and the pump.
- 4) In a gravity system a short probe will be provided for high water alarm which gets inserted in the 3" PVC coupling located in the top of the Hoot tank near the access opening at the outlet end of the tank. **DO NOT GLUE THE PROBE INTO THE COUPLING!** The wires connected to the probe should be installed in conduit and connected directly to the panel. A terminal bar on the lower portion of the panel door provides connection for the probe. Connect the red wire to #7 and the brown wire to #8. (See Photo Example #2)
- 5) In a pump system floats or a long probe will be provided for controlling the pump and the high water alarm. When using a probe a 3" PVC coupling will be provided in the top of the pump tank. Insert the probe in the coupling but **DO NOT GLUE THE PROBE INTO THE COUPLING!** Install probe wires in conduit and connect directly to the panel. When using floats to control the pump and alarm, install wires in conduit and connect to the panel. NEVER install float or probe wires in the same conduit with the power wires for the pump. A terminal bar on the lower portion of the panel door is provided for connecting floats or probe.

Float Connections:

Alarm Float - #7 and #8

High Float - #9 and #10

Low Float - #11 and #12

Probe Connections:

Red - #7

Blue - #9

Yellow - #11

Brown - #12

- 6) In a drip system in addition to probe wires you will also need conduit from the drip riser on the pump tank back to the panel for 6 low voltage wires for 3 solenoid valves. The wires provided are not long so you will need a junction box outside of the riser.
- 7) Seal all openings in panel with silicone provided.

Note: All wiring practices should conform to local codes.

Photo Example #1)



Photo Example #2)

