

## Condensate pump field wiring installation

### Tools required:

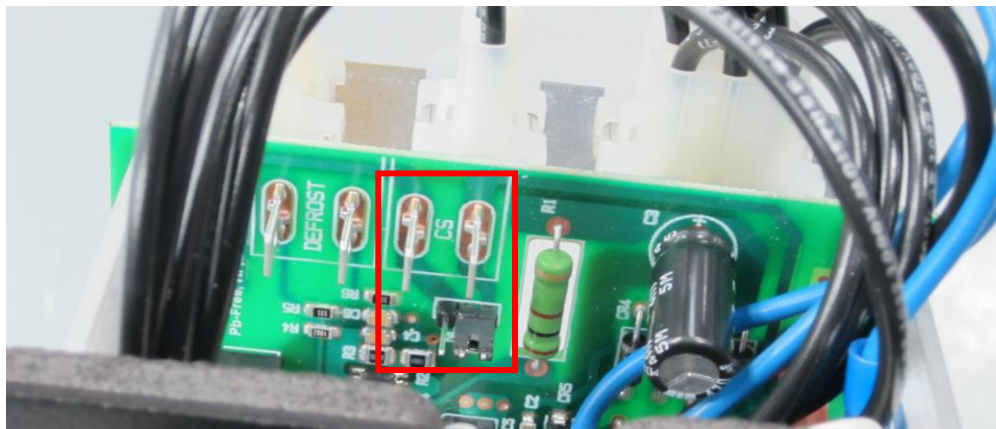
Screwdriver – Phillips head  
Terminal crimping tool (for Faston style quick connect crimp terminal)  
Wire strippers  
3/8" drill bit (see text)  
Drill (see text)  
Center punch (see text)  
Needle nose pliers

### Procedure:

- 1)TURN OFF POWER AND UNPLUG WINE GUARDIAN POWER CORD FROM POWER SOURCE!!!
- 2)Working from the side of the unit where the control panel is, remove both side grilles, covers or duct adapters. Every Wine Guardian installation is different. Photo below shows both side covers.



- 3)If control panel has a black hole plug located next to the top Comm 1 connector then skip to step #5.
- 4)A 3/8" hole will need to be carefully drilled approximately 7/8" to the right of the Comm 1 connector. Having a vacuum held next to the panel when drilling will help prevent metal chips from falling inside. Only drill thru the panel, about 1/8", there is a circuit board and wiring mounted to that panel (about 2" away) that could be damaged by drilling to deeply.
- 5)If present, remove black plastic hole plug next to Comm 1 connector.
- 6)Remove top and bottom center screws from control panel.
- 7)Control panel may now be gently pulled away from chassis.
- 8)Snap in the plastic bushing, included with condensate pump kit, into 3/8" hole in control panel.
- 9)Locate the 1/4" terminals marked CS and small black jumper near the top center of the circuit board. Refer to area marked in red in the photo below:



- 10) Move the jumper from the terminals marked YES to the terminals marked NO (far left pin and center pin to be connected).
- 11) Feed two wires from condensate pump switch (or wires that will be used for the pump switch) thru the bushing installed in step #8 and bring them up above the terminals marked CS.
- 12) Strip wires back about ¼" and crimp on supplied terminals.
- 13) Press one wire on each of the terminals marked CS. Polarity does not matter.
- 14) Carefully relocate control panel back into side of the Wine Guardian unit and fasten in place with screws.
- 15) Attach side covers, grilles or duct adapters using previously removed screws.
- 16) Attach both wires to condensate pump switch following pump manufacturer's instructions.
- 17) If needed the latest electrical schematic can be found at:  
<http://wineguardian.com/support-wine-cellar-consultation/installation-operation-maintenance-manuals/>
- 18) Plug Wine Guardian power cord back into power source and operate unit as normally done.