

Date February 9, 2022
To: Hydrostat 3200 Customers
From: Hydrolevel Marketing
Subject: **Grounding Notice for Remote Mounted HydroStat 3200**

Heating system controls require proper grounding to shield them from radiated or induced noise interference that is often generated by the appliance's ignitor. There is a higher concern for interference with HydroStat 3200 controls that are not mounted directly on the immersion well (Remote Mounted).

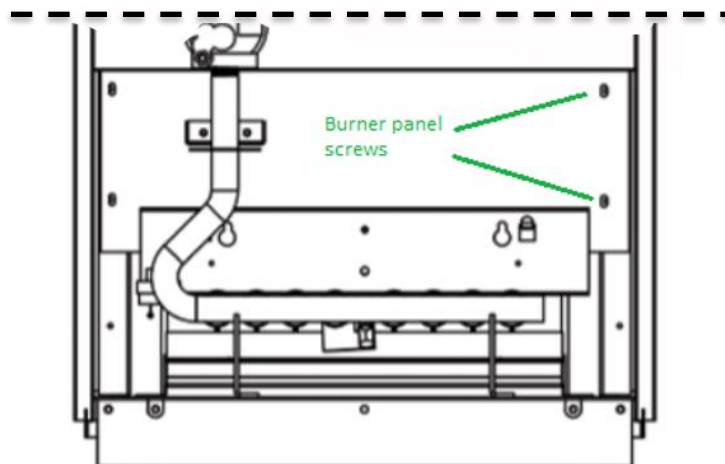
Remote mounted Hydrostats with inadequate grounding can result in the display flickering during ignition and/or the control continually resetting thus preventing the appliance from firing.

Always refer to the Boiler IOM for proper electrical grounding requirements. It is important to ensure that the ground wire attached to the HydroStat's ground screw, which generally comes from the boiler's J-box, is actually tied to the house's ground.

If the ground attached to the HydroStat's ground screw is insufficient for proper control operation, use one of the options below to prevent noise interference.

- **Option 1:** Install a ground wire from the ground screw in the HydroStat 3200 to a non-painted area on the appliance. The screws that hold the burner cover panel in place are a good option (see diagram below).
- **Option 2:** Remove the white wire from the B2 terminal on the HydroStat 3200 and reinstall it on a screw that holds the burner cover panel (see diagram below).
- **Option 3:** Install a wire from the Hydrostat ground plate screw to the ElectroWell (immersion well) and secure it with a clamp.

Note: In the unlikely event that the control still experiences noise interference, it may be necessary to implement two of the three options above.



For further assistance call our tech support at 800-989-2275.