

<b>Relocation of Wire on Replacement VFDs</b>		TSB 2012010
Created/Last Revised Date 11/09/2012	Last Reviewed Date 11/09/2012	Page 1 of 1

**TECHNICAL SERVICE BULLETIN**

**OVERVIEW:**

The manufacturer discontinued the model of the VFD used in Better Water LLC's 3046 ROs and Post-treatment devices in October of 2012. The replacement model is functionally the same with the exception of the use of one of the terminal posts and the location of grounding posts, both requiring the relocation of wires if the old model VFD is replaced with the new model.

Better Water LLC's part number of **EQMOBO01350** which is the "3 Phase-In / 3 Phase-Out / 5 Horsepower VFD" will remain the same. The difference between these two models is mostly cosmetic. See the pictures below of the old and new models.



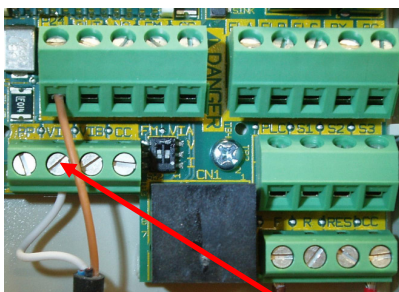
**Old Model VFD**  
White/Cream color with hinged cover  
Front View



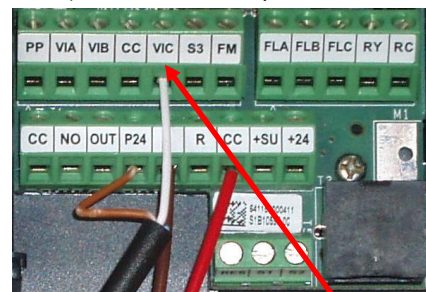
**New Model VFD**  
Black color, no hinged cover  
Front View

**TERMINAL POST & GROUND WIRE RELOCATION:**

1. Turn off the power, and unplug the device from the electrical outlet before opening the control box.
2. On the old model VFD, take note of the location of the **wire (from the pressure transducer) on the terminal post labeled VIA** and where the **three ground wires** are located.
3. Replace the old model VFD with the new model VFD, reconnecting the wires with the following exceptions.
4. On the new model VFD, relocate the wire (from the pressure transducer) to the terminal post labeled **VIC**.

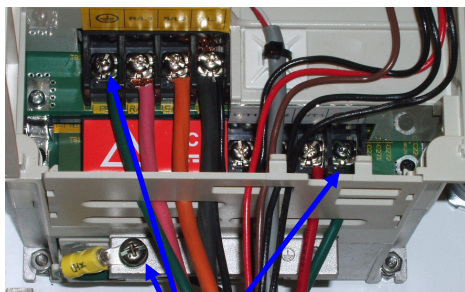


**Old Model VFD**  
Wire located on terminal post VIA



**New Model VFD**  
Wire located on terminal post VIC

5. Relocate the three ground wires to the three grounding posts on the bottom of the new model VFD.



**Old Model VFD**  
Three ground wires



**New Model VFD**  
Three grounding posts