

# St. Croix Analog Board to Digital Board Retrofit Kit



MOUNTED IN THE SIDE DOOR



MOUNTED ON THE BACK OF STOVE

These instructions cover freestanding stoves with the style of control boards shown above. These are Series II control boards only. Any Series I control board will not be supported with this kit. Series I boards will only have one Rocker Switch and have a Start Button in the center of the board to start the Auger.



REMOVE WIRING HARNESS AND CONTROL BOARD

IGNITER WIRES

CONTROL BOARD LOCATION  
CONTROL BOARD MAY BE LOCATED BEHIND THE STOVE

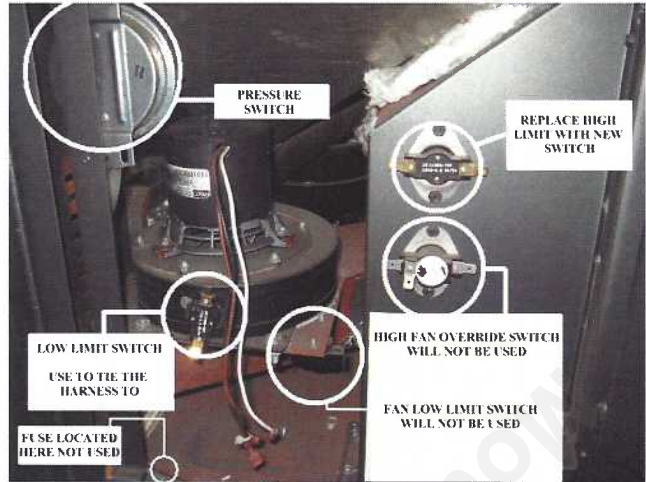
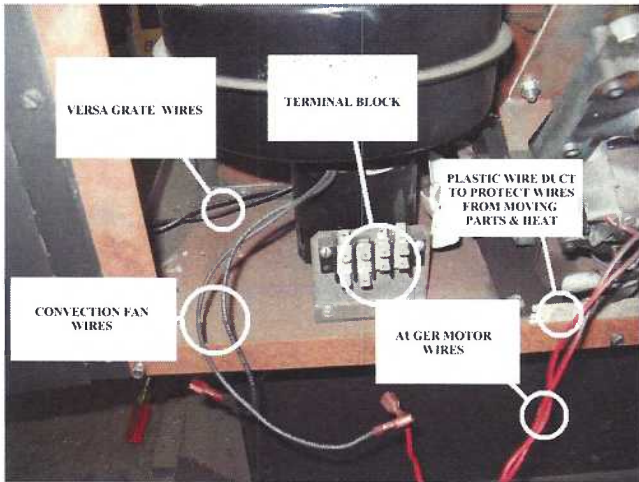
VERSA GRATE WIRES

**Step 1** – First remove the Wiring Harness from the stove.

Please note location of the wires for the components on this side of the stove.

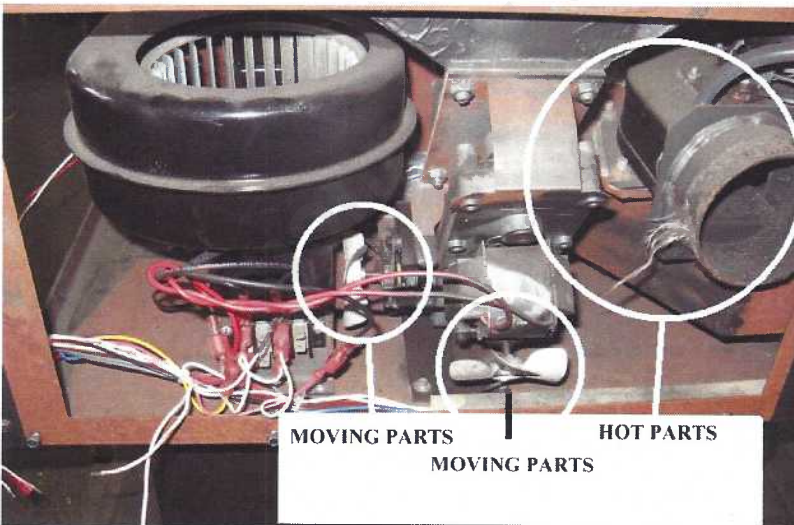
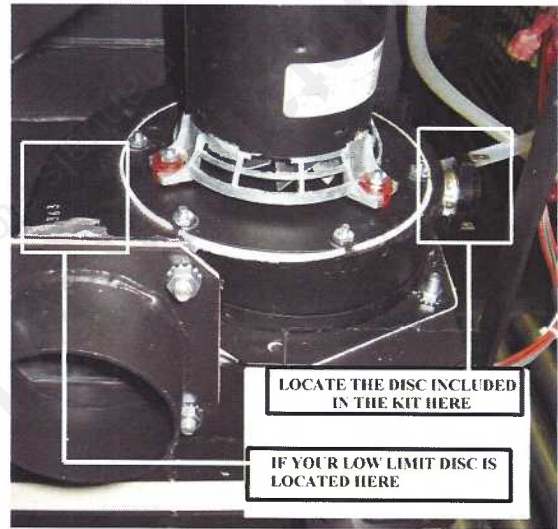
*This picture shows the Side Door mount.*

*The controls could also be located on the back of the stove*



Please note several components that will no longer be used when switching to the Digital Control board. The **High Limit Switch** will be replaced with a new “**Manual Reset**” switch. The **Rheostat** that was mounted with the old Analog board will no longer be used. The “**High Fan Override switch** shown in the figure to the right will no longer be used (*Leave sensor in unit*). The **Fan Low Limit switch** will no longer be used. The existing **Fuse** located by the Power Cord will no longer be used.

*Note: On units with the control board mounted on the back of the stove, the low limit switch needs to be moved to the position shown. Refer to the picture to the right and the picture directly above it to see the new location. The kit includes a new low limit switch and self tapping screws.*



**Step 2** - Place the new harness in the stove as shown in the following pictures. **It is important to note that the harness should be protected from Moving Parts and from High Temperatures.**

There is a Plastic Duct in the back of the stove that should be used to route the harness through the back of the stove. The kit includes a plastic duct in case the existing one needs replacing. *Clean the surface of the stove before attaching the plastic wire duct, it will not stick to a dirty surface.*