

## (F) FAN INSTALLATION

**INSTALLATION OF THIS FAN SHOULD BE DONE ONLY BY A QUALIFIED INSTALLER.**

**IMPORTANT:** THE FAN IS EASIEST TO INSTALL BEFORE THE MILLIVOLT BOARD IS CONNECTED TO THE GAS LINE.

**IMPORTANT:** IF THE LOWER GRILL HAS BEEN INSTALLED, IT MUST BE REMOVED TO PROPERLY INSTALL THIS FAN.

**NOTE:** The fan wiring must be done prior to enclosing the sides of the fireplace. An electrical box & romex connector are pre-installed on a removable panel on the left side of the fireplace. A receptacle speed control assembly and (3) wire nuts are included in the fireplace components packet.

This optional fan kit, part #600-1\* includes:

1. Right and left fan assemblies with thermostatic control switch already mounted.
2. Components package: (4) nuts, installation instructions.

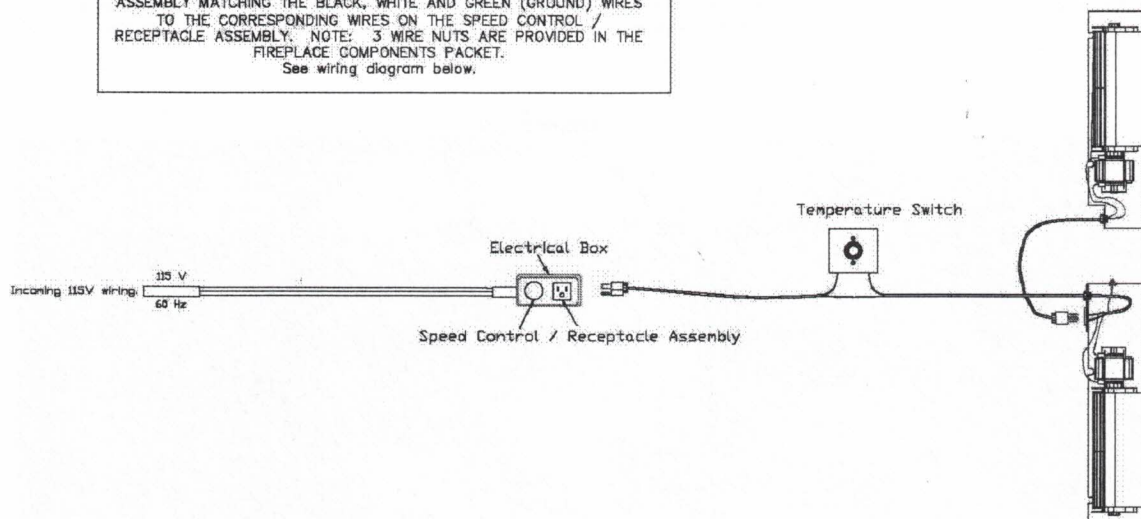
**NOTE:** To wall-mount the speed control, you will need to purchase a speed control assembly & mounting plate, an electrical box to mount the speed control and a cover / switch plate with screws.

**\*NOTE:** Fan kit #TRF-028 is also available. Follow instructions included with the fan.

**IMPORTANT:** Code approved line voltage wiring 14 gauge or better must be used when wiring this assembly. Refer to your local electrical codes for specific requirements in your area.

**WARNING:** This appliance is equipped with a three-prong (grounding) plug for protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

**IMPORTANT:** INSERT 115V WIRING (WITH GROUND) THROUGH THE ROMEX CONNECTOR AND WIRE TO THE SPEED CONTROL / RECEPTACLE ASSEMBLY MATCHING THE BLACK, WHITE AND GREEN (GROUND) WIRES TO THE CORRESPONDING WIRES ON THE SPEED CONTROL / RECEPTACLE ASSEMBLY. NOTE: 3 WIRE NUTS ARE PROVIDED IN THE FIREPLACE COMPONENTS PACKET.  
See wiring diagram below.



**INSTALLATION INSTRUCTIONS. REFER TO FIGURE 9 BELOW.**

1. Remove the lower grill, if installed.
2. **OPTIONAL:** For easier installation, the fans may be separated by unplugging the three-prong plug from the receptacle in the right fan assembly.
3. Slide the left fan (A) (without receptacle) through the lower grill opening (right side of the valve) and place over the (2) left mounting studs (B) located towards the back of the fireplace.
4. Slide the right fan (with receptacle) (C) through the lower grill opening (right side of the valve) and place over the (2) right side mounting studs (D) located towards the back of the fireplace.
5. Place nuts on mounting studs and tighten.
6. If the fans were separated in step #2 above, plug fans together by inserting the three-prong male end on the short fan cord on the left fan assembly into the receptacle in the right fan assembly.
7. Remove the (2) screws securing the removable access panel (with electrical box & romex connector installed) from the side of the fireplace.
8. Insert 115V wiring (with ground) through the romex connector and wire to the speed control / receptacle assembly matching the black (hot), white (neutral) and green (ground) wires to the corresponding wire on the speed control / receptacle assembly. **NOTE:** (3) wire nuts are included in the fireplace components packet.
9. Secure the speed control / receptacle assembly (E) into the electrical box with the (2) screws provided.
10. Re-install the electrical access panel and secure with the (2) screws removed.
11. Place the temperature control switch (with magnet) on the bottom of the firebox.
12. Plug the fan cord (F) into the receptacle in the electrical box.
13. Turn on/off speed control counter-clockwise until it 'clicks'. This is the 'OFF' position.
14. Turn the speed control 'ON' by turning the knob clockwise past the 'click' - this is the highest setting.
15. Re-install lower grill, if removed in step #1 above.

**NOTE:** The fan will not operate unless the speed control has been turned 'ON'. The fan will not turn 'ON' until sufficient heat is applied to the thermostatic control switch. The fan will turn 'ON' and 'OFF' automatically when the fireplace heats and cools. Adjust fan to desired speed while it is running.

**THERMOSTATIC CONTROL SWITCH POSITION:** Prior to adjusting the theromstatic control switch, unplug the 3-prong plug on the fan cord from the receptacle. Adjust the position of the temperature control switch to a warmer location under the firebox to turn the fan 'ON' sooner or move it to a cooler location under the firebox to turn the fan 'ON' later. The fan will turn on when the sensor in the temperature control switch reaches 110° F and will turn 'OFF' when the sensors reach 90° F. After adjustment, plug the 3-prong plug on the fan cord into the receptacle.

