

OPTIONAL BLOWER INSTALLATION INSTRUCTIONS

OPTIONAL BLOWERS

SRB-18 and SRB-30

for Unvented Room Heaters SR-18 and SR-30

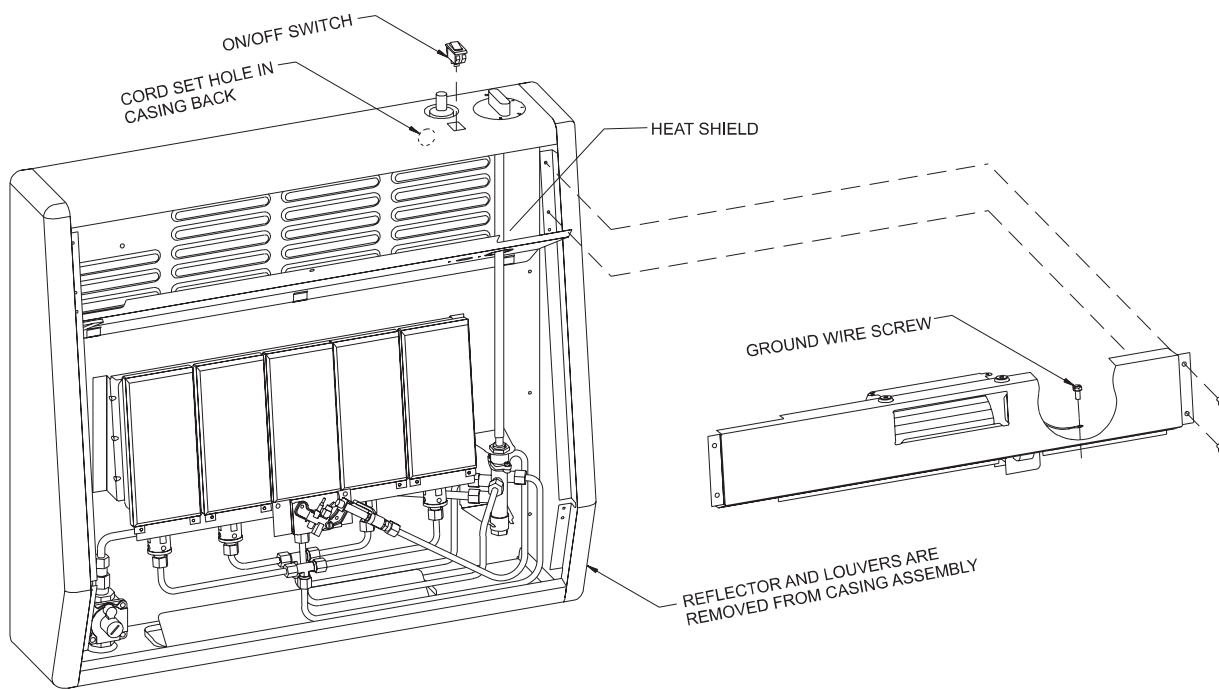
INSTALLING OPTIONAL BLOWER SRB-18 OR SRB-30

If heater is installed onto the wall, in order to install the optional blower, the heater must be removed from the wall. If heater is installed on optional floor stand there is adequate access area available to install the optional blower.

1. Turn "OFF" gas supply to the heater.
2. Remove lower louver from casing assembly (2 screws).
3. Remove reflector from casing assembly (2 screws).
4. Remove upper louver from casing assembly (2 screws).
5. Remove on/off switch knockout from the casing assembly top.
6. Insert the on/off switch wires through the casing assembly top. The on/off switch wires will enter the top portion of the casing assembly. Snap on/off switch into the casing assembly top.
7. Route cord set through 9/16" (14mm) diameter hole on casing assembly back. Insert approximately 3" (76mm) of cord set into casing assembly back.
8. When you are facing the front of the heater, position the optional blower assembly onto the top heat shield of the heater. The motor wire harness should be facing into the top, right portion of the heater.
9. Attach (1) pin terminal from black (hot) wire, smooth insulation on cord set to (1) socket terminal from the on/off switch.
10. Attach (1) pin terminal from black (neutral) wire, ribbed insulation on cord set to (1) socket terminal from white (neutral) wire on motor wire harness.
11. Attach (1) pin terminal from the on/off switch to (1) socket terminal from black (hot) wire on motor wire harness.
12. Attach the green ground wire from the motor wire harness and the green ground wire from the cord set to the bottom right side of the blower housing with (1) screw provided with the optional blower.
13. With the heater standing upright, position the air discharge opening of the blower housing downward. Place the bottom flange of the blower housing over the top edge of the top heat shield. Insert the blower housing into the top portion of the heater by pivoting the blower housing upward 90°. Attach the blower housing to the casing assembly with (4) screws provided with the optional blower.
14. Grasp cord set at casing assembly back and pull excess cord set through casing assembly back. Secure cord set in casing assembly back with the strain relief provided with the optional blower.
15. Installation of optional blower is completed.
16. If heater was removed from the wall, in order to install optional blower, check for gas leaks at all gas connections before lower louver is replaced onto casing assembly.

Attention! After optional blower has been installed use the following steps to properly align the upper louver and the reflector with the heat shield.

- A. When replacing upper louver, be sure the bottom lip of upper louver goes behind the heat shield.
- B. When replacing reflector, be sure the top lip of reflector goes in front of the heat shield.



SR-30 Shown

OPTIONAL BLOWER INSTALLATION INSTRUCTIONS (continued)

Excessive Blower Wheel Noise

ATTENTION! If your blower assembly develops a squeal, hum or grinding noise, it indicates dirt or debris on shaft of blower wheel. Use the following steps to clean shaft of blower wheel.

1. Remove red rubber grommet with brass bushing or black rubber grommet with brass bushing from end of blower wheel shaft opposite motor.
2. Clean blower wheel shaft with cotton cloth.
3. Place 1 or 2 drops of all purpose oil on END of blower wheel shaft.
4. Replace red rubber grommet with brass bushing or black rubber grommet with brass bushing onto end of blower wheel shaft.

Attention: The red rubber grommet with brass bushing or the black rubber grommet with brass bushing must "snap-back" into position.

5. Cleaning of blower wheel shaft is completed.

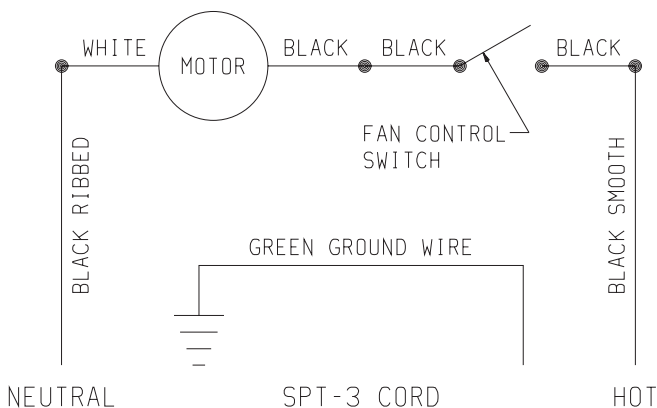
Wiring

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, if an external electrical source is utilized. This appliance is equipped with a three-prong [grounding] plug for your 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. For an ungrounded receptacle, an adapter, which has two prongs and a wire for grounding, can be purchased, plugged into the ungrounded receptacle and its wire connected to the receptacle mounting screw. With this wire completing the ground, the appliance cord plug can be plugged into the adapter and be electrically grounded.

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

Blower Motor

The blower motor does not have oiling holes. Do not attempt to oil the blower motor.



Blower Wheel

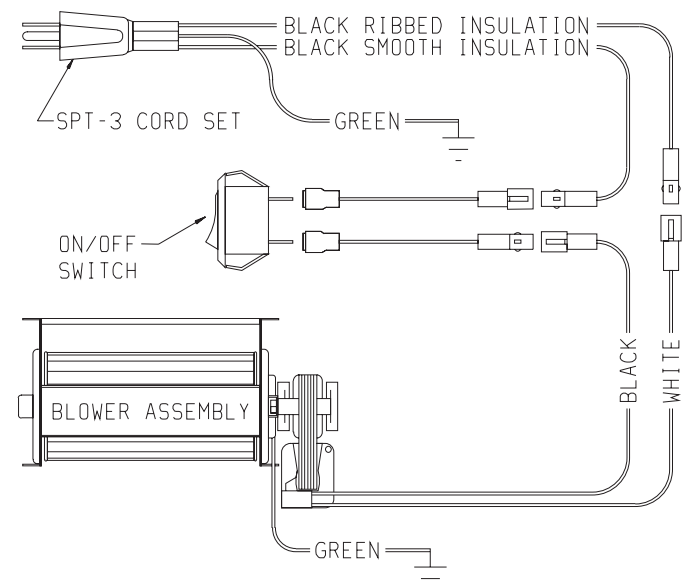
The blower wheel will collect lint and could require periodic cleaning. If the air output decreases or the noise level increases, it indicates a dirty blower wheel.

To clean blower wheel:

1. Turn OFF gas supply to the heater.
2. Turn OFF electrical supply to the heater.
3. Remove lower louver from casing assembly (2 screws).
4. Remove reflector from casing assembly (2 screws).
5. Remove upper louver from casing assembly (2 screws).
6. Clean blower wheel with a vacuum cleaner.
7. As parts are being replaced in reverse order, check for gas leaks at all gas connections before lower louver is replaced onto casing assembly.

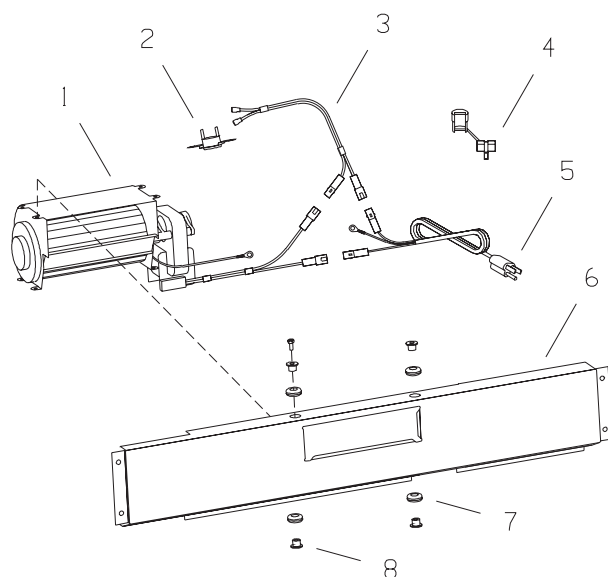
WARNING:

Unplugging of blower accessory will not stop the heater from cycling. To turn off gas to the unvented heater: Push in gas control knob slightly and turn clockwise to "OFF." Do not force.



If any of the original wire as supplied with the appliance must be replaced, it must be replaced with type 125°C wire or its equivalent.

OPTIONAL BLOWER INSTALLATION INSTRUCTIONS (continued)



PARTS LIST

INDEX NO.	PART NO.	DESCRIPTION
1	R-2396	BLOWER (INCLUDES MOTOR, FAN, AND FAN HOUSING)
2	R-2522	ON/OFF SWITCH
3	R-2395	WIRE ASSEMBLY
4	8720161	BUSHING - HEYCO #SR5KN4
5	VF-068	CORD SET ASSEMBLY
6	SR-195	BLOWER PAN (SR-18)
7	8520141	RUBBER GROMMET (4 REQUIRED)
8	8520142	BRASS BUSHING (4 REQUIRED)
NOT SHOWN	SR-218	HARDWARE PACKAGE