



OPTIONAL BLOWER DRB-1

Vented Room Heaters RH-25-(1, 2, 4) and RH-35-(1, 2, 4)

Direct Vent Wall Furnaces DV-25-(1, 2)SG and DV-35-(1, 2)SG

Installing Optional DRB-1 Blower

1. For RH-25-(1, 2, 4) and RH-35-(1, 2, 4), remove casing front.
1. For DV-25-(1, 2)SG and DV-35-(1, 2)SG, remove casing front and heat shield.
2. When facing appliance, insert blower assembly into the left section of the casing (adjacent to the combustion chamber).
3. For RH-25-(1, 2, 4) and RH-35-(1, 2, 4), route cord set through opening in casing back. The opening in casing back is located adjacent to gas control.
3. For DV-25-(1, 2)SG and DV-35-(1, 2)SG, route cord set through opening in casing bottom. The opening in casing bottom is located beneath gas control.
4. Align the (2) screw holes on the inner side panel and the (2) screw holes on casing back with the (4) clearance holes on the blower assembly. Attach blower assembly to the casing back and inner side panel with (4) #10 x 1/2" (13mm) (13mm) screws provided. The blower assembly must be attached **first** to the casing back and then to the casing side panel.
5. For RH-25-(1, 2, 4) and RH-35-(1, 2, 4), replace casing front.
5. For DV-25-(1, 2)SG and DV-35-(1, 2)SG, replace heat shield and casing front.

Attention: Wiring harness on blower is factory assembled and installed. If wiring harness becomes disassembled use the following steps to reassemble the wiring harness.

1. Attach (1) pin terminal from black (hot) wire, smooth insulation on cord set to (1) socket terminal on fan control assembly.
2. Attach (1) pin terminal from black (neutral) wire, ribbed insulation on cord set to (1) socket terminal from white (neutral) wire on motor.
3. Attach (1) pin terminal on fan control assembly to (1) socket terminal from black (hot) wire on motor.
4. Attach green ground wire beneath one of the #10 x 1/2" (13mm) screws on the blower housing.

Fan Control

The automatic fan control is located in the switch box. The switch box is attached to the front of the blower assembly. The switch box is adjacent to the combustion chamber. The fan control is a non-adjustable automatic type. The fan control will require between 5 and 10 minutes of main burner operation before the fan control "closes" and activates the blower. The blower will continue to run between 5 and 10 minutes after the main burner shuts off, before the fan control "opens" and deactivates the blower.

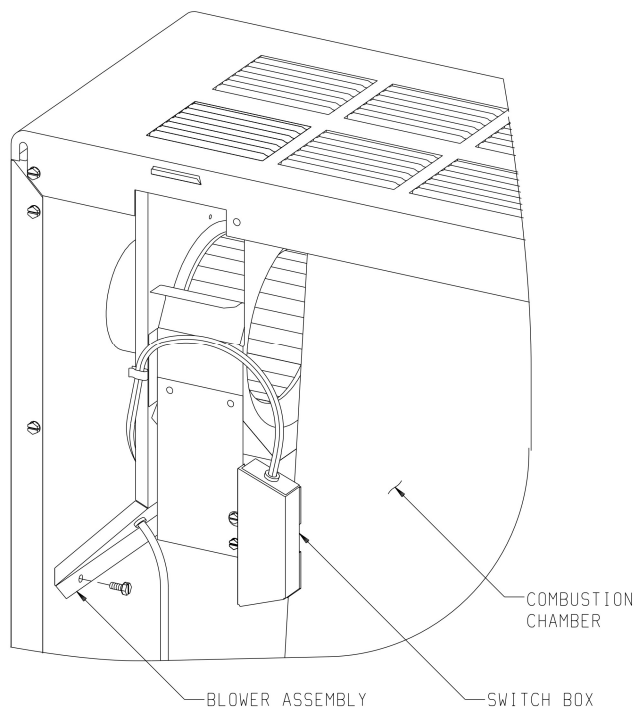
Wiring

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* or *Canadian Electrical Code, CSA C22.1*, 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 screws. 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.

WARNING:

Unplugging of blower accessory will not stop the heater from cycling. To shut heater off: Turn temperature dial or thermostat to lowest setting. Turn knob on gas control to "OFF", depressing slightly. Do not force.

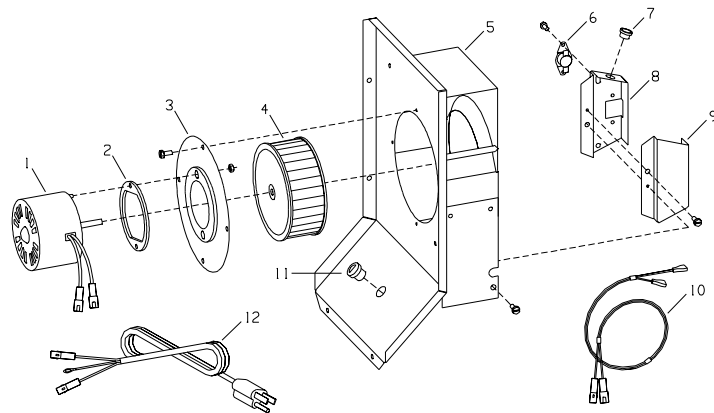


Cleaning

The blower wheel will collect lint and could require cleaning once a year. If the air output decreases or the noise level increases, it indicates a dirty wheel. Complete removal of the wheel and scrubbing it with a brush under flowing water is recommended.

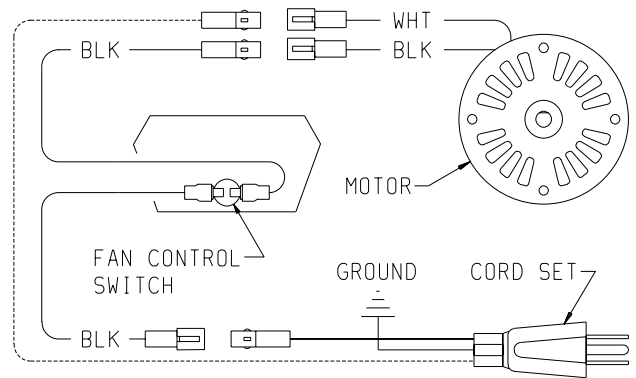
Oiling

The blower motor has an oil hole located on each end of the motor. Use #20 motor oil only. It is best to oil the motor several times during the heating season using 2 or 3 drops each time. If the motor fails to start and hums, it could be a tight bearing due to lack of oil. This may be corrected by pouring kerosene in the oil holes, allowing to stand for a few hours and then oiling properly.



PARTS LIST

Index No.	Part No.	Description
1	R-2090	Motor
2	632016	Motor Cushion
3	RH-036	Motor Support
4	642030	Blower Wheel
5	RH-710	Blower Housing Assembly
6	9120106	Fan Control Switch
7	872087	Heyco Bushing
8	DV-806	Switch Box
9	DV-807	Switch Box Cover
10	R-2091	Wire Assembly 19" (483mm)
11	8720161	Heyco Bushing
12	R-2099	Cord Set 72" (1.83m)



— BLACK HOT-SMOOTH INSULATION

- - - BLACK NEUTRAL-RIBBED INSULATION

IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THIS UNIT MUST BE REPLACED, IT MUST BE REPLACED WITH 125°C 2/64 INSULATION WIRE OR ITS EQUIVALENT.

