

LINEAR 50-SP Gas log Installation

Caution:

- The door must be fully open when operating the gas log set.
- The maximum BTU output of the gas log set is restricted by chimney size.
 - 8" chimney max BTU output is 50,000BTU's
 - 10" chimney max BTU output is 70,000BTU's
- The gas log set must be listed to ANSI Z21.60/CSA 2.26
- Installation of the gas line should be done by qualified personnel only. All gas installations should be in accordance with local ordinances and the appropriate Gas Code.

There is no clearance required between the side or the top of the firebox and the gas log set. However, any clearances stated by the gas log set manufacturer must be maintained. You may install the gas valve inside the firebox if the gas log set manufacturer allows this in its installation instructions, and if the required clearances are met.

To convert the RL50-SP please carefully follow the following steps:

1. There is a 3" knock-out with a smaller hole in it on the right side of the fireplace about 8½" up from the bottom of the fireplace. The gas line must come into the fireplace through that hole. You can either bend or remove the entire knock-out. If you remove it, do not throw it away because you will have to put it back in place with aluminum adhesive tape after the installation of the gas line.
2. Cut through the insulation within the casing, but do not remove any insulation. Simply cut a slit or X which the gas line can be fed through.
3. Looking through the insulation, you should see a knock-out on the inner casing. Break it off and remove it.
4. Refer to the RL50-SP Owner's Manual and remove the refractory bricks that cover the right side of the firebox.
5. Using the hole through the casing as template for the location, drill a 1¼" hole through the right side of the firebox.
6. Now, you will need to drill a hole through the refractory brick. To do so, we suggest that you replace the refractory bricks and mark its back side through the opening in the casing and the firebox hole. Make sure that you place the refractory brick on a rigid flat surface before attempting to drill through. If you do not do so, it may crack. Once the refractory brick is drilled, make sure all the holes are aligned.
7. Refer to the RL50-SP Owner's Manual and reinstall all the refractory bricks in the firebox.

8. Once the gas line has been brought into the firebox, make sure to close the casing insulation around the gas line and close the 3" knock-out on the outer casing. Use aluminum adhesive tape to hold it in place.
9. Proceed with the installation of the gas log as per the gas log manufacturer installation instructions. Make sure also to respect all clearances stated by the gas log manufacturer.

When operating an RL50-SP with a gas log installed, make sure to follow the gas log manufacturer operating instructions.