

Please Answer in Detail.

As to Location.

On what side of the room is the fireplace, N. S. E. or W.?

South

On what side of the house is the room?

North East

Is the fireplace across the corner? i. e., a corner fireplace?

No, in center of South side

As to Air Supply.

Does the supply come from the N. S. E. or W. side of the house?

South

Is it directly through the wall of the house, or by a pipe through the cellar?

*opens into cellar,
by square cut in chimney
abt 3 ft below grate.*

If by pipe, what size pipe—and about how long?

no pipe

If direct, what is the size of the inlet?

As to the Fire.

Does either smoke or gas escape when fresh fuel is added?

Always smoke

Do you have to use the blower to spur up the fire at times?

Blower not necessary to spur

the fire, but needed with fresh coal to keep smoke from filling room.

Do you need to use the blower when starting the fire?

No

Does the fire ever go out except when it needs fuel?

No.

Can you readily keep fire over night? How long?

*I have not tried because
fire smells so smoky
with new coal on.*

Is the fire dull, or dead, at the back and the sides?

Is it slow coming up in the morning?

As to Fuel.

Do you use wood? Hard coal? Soft coal? Coke? or Gas?

*Have tried wood, hard
coal, + soft coal.*

If hard coal what size? Nut? Stove? Egg? or Furnace?

*Have tried nut, stove, +
egg size, + both large lumps*

How often do you replenish the fire?

*of soft coal, + the small sized
soft coal.*

How much at a time? When in the day? *Have tried all quantities of wood + coal - a little at a time also much at a time*

As to the Heating.

Is your grate intended to heat one room or more? *The Hall where the grate is, opens by sliding doors into parlor. Grate smokes whether this door is open or shut.*

If more than one room are they on different floors? *Yes, a bed room directly over hall, straight flue connecting heat.*

If on the same floor is the additional room N. S. E. or W. of the one containing the grate?

If on different floors, on how many floors? *2 floors*

Where does it fail to heat? above? or on 1st floor? *Heat is all right, upstairs + down, but smoke is fearful.*

If above, has it ALWAYS failed? or recently only?

If the Grate Smokes.

When does it smoke? *Always some, but worse when fire is fresh.*

What is the size of the smoke flue?

Does it run straight up? or to one side? or back? *Straight*

Can you thrust a poker through the smoke vents of the grate without striking brick work overhead?

Do you know whether the fireplace is just as deep as the grate? Just as wide? i. e., does grate fit snugly in it?

As to the Chimney.

Is the chimney as high as any surrounding object? *Higher than anything within a block or a quarter of a mile.*

How much does it project into the room?

How many flues has it? *Three distinct flues all the way from cellar to garret.*

Does any other heating apparatus use the same flue the grate does? *No.*

Is it a new or old one? Of brick or stone? *New house, new chimney one year ago. It is brick.*