

A cautionary operational note: In order to get long-life performance from your new grate, you must maintain at least one inch (preferably two inches) of air space under your grate. This enables the grate to perform better. If the coals are allowed to touch the bottom of the grate, you risk burning out the grate. The inch of air space is very important to a long grate life.

NOTE: Before you burn your first “seasoning fire”, you must have just 1” of ashes spread evenly on the firebox floor under the grate. This is very important, because the ashes reflect the heat from above and help to heat the grate’s bottom, thus making a more uniform expansion process and lowering the chance that the grate will crack.

It is very important to follow these directions to guarantee the proper “seasoning” of your new grate. Your new grate is called “green cast iron”. If you were to heat it up too fast the very first time you used it, the slow stretching process that is needed would be rushed, and the cast iron could crack. Proper seasoning will treble the strength of the material at the molecular level (scientifically, this process is called “establishing a molecular identity”).

Start the first fire using the “top burn” method of ignition (refer to supplemental instructional sheet). Take the fire up slowly to a medium-high flame pattern (2/3’s of the area of the firebox’s back wall) and run the fire four to six hours. Let the fire go “dead cold” (48 hours or more) before having the next fire. Do the next two fires the same way, and you will have “seasoned” your grate. You may then burn hotter fires where the flame pattern on the back wall of the firebox covers ¾’s of that area. Your consistency in burning hot enough to maintain that size flame pattern will ensure that you are sending enough heat up the system to run a hot flue which helps to minimize creosote build-up.

We wish you the joy and comfort, the reveries and memories that only a roaring fireplace can provide—may your heart never wander too far from the hearth.

■ Your Friends @ Clean Sweep (610 867-2631 - www.cleansweep.ws)

GRATE SEASONING

D I R E C T I O N S

Proper use of this grate will give efficient combustion for many years!