

HEATMOR™

MODELS 200 CSS & 400 DCSS - USED OIL BURNER STAINLESS STEEL OUTDOOR FURNACE



IF YOU ARE INSTALLING PARTS OF THIS HEATING SYSTEM ON A "DO-IT-YOURSELF" BASIS, IT IS HIGHLY RECOMMENDED YOU PURCHASE A TOTAL SYSTEM INSTALLATION MANUAL RECOMMENDED BY YOUR DEALER.



READ THROUGH THE ENTIRE OPERATORS AND MAINTENANCE MANUAL AND THIS SUPPLEMENT BEFORE OPERATING YOUR HEATMOR™ STAINLESS STEEL OUTDOOR FURNACE USED OIL BURNER.



NOTE: NEVER START A FIRE INSIDE THE FIREBOX UNTIL THE WATER JACKET IS FULL OF WATER AND SAND HAS BEEN ADDED TO THE BASE TO THE CORRECT LEVEL.

SUPPLEMENT FOR KAGI BURNER

READ THE KAGI MANUAL AND OPERATING INSTRUCTIONS BEFORE USING YOUR KAGI BURNER

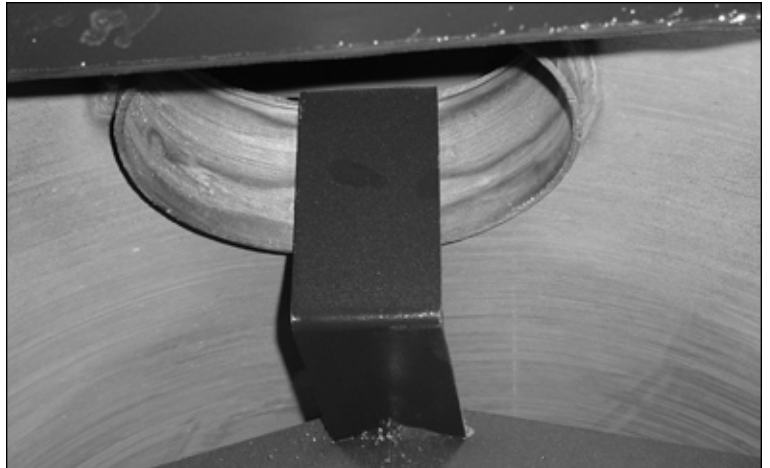
An indoor storage tank in a heated building works best. The oil and air supply lines to the burner should be installed in the trench with the water lines to the furnace. Your waste oil supply should be free of contaminants such as water, antifreeze, brake fluid or other synthetic oils. These contaminants will cause the Kagi Burner to go out or to not light.

Follow Kagi instructions to bleed air from the pump on initial firing of the burner and to adjust air and oil pressure. We have found that 12-15 P.S.I. for air and approximately 2 P.S.I. for oil seem to work well. After initial firing, power to the burner and pre-heater should be left on until the end of the heating season.

THE FIRE MUST BE OUT TO COMPLETE THE FOLLOWING CHANGEOVERS

TO CHANGE FROM BURNING WOOD TO OIL:

- 1) Remove oil gun port cover.
- 2) Close oil gun swing out door.
- 3) Install the deflector by setting the bracket into the flue opening in the firebox as shown in the figure below.
- 4) Flip Fuel Selector Switch from wood to oil.
- 5) The burner should light if the Water Temperature Range Control is calling for heat. Depending on your heat load, you may want to increase the temperature spread on your Water Temperature Range Control when burning used oil. Longer burn times mean more efficiency.



TO CHANGE BACK TO WOOD:

- 1) Flip Fuel Selector Switch from oil back to wood.
- 2) Remove ½" nut and washer and open swing out door.
- 3) Install oil gun port cover.
- 4) Remove Deflector.
- 5) Begin burning wood as explained in the Operator's and Maintenance Manual.

Note: If you adjusted your Water Temperature Range Control spread to accommodate used oil burning you should now change the spread back to proper settings for wood burning.

DO NOT ATTEMPT TO BURN WOOD WITHOUT SWINGING THE OIL GUN OUT OF THE PORT AND INSTALLING THE PORT COVER. DAMAGE WILL OCCUR TO THE OIL GUN IF IT IS LEFT IN THE FIREBOX WHEN WOOD IS BEING BURNED.

Please note that the automatic fan switch on page 53 of the CSS Manual does not apply to the oil burner. The bottom information should replace page 53:

Anti-Rollout Device (A.R.D.)

THE A.R.D. MUST OPERATE CORRECTLY OR PROBLEMS QUICKLY ARISE.

Principle

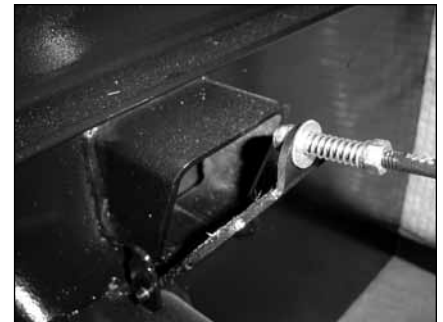
The Anti-Rollout Device (A.R.D.) is a safety feature that allows air into the firebox before the main firebox door is opened. Along with normal, recommended, safe firebox door opening practices, the risk of a flash back is greatly reduced.

Operation

The A.R.D. automatically opens when the front outer door is opened. The A.R.D. automatically closes, when the front outer door is closed.

Maintenance / Result

Ensure ash, shavings or small wood pieces do not become lodged in the hinge of the A.R.D. If the A.R.D. is not closing correctly, a constant air leak will allow air to continually fuel the fire. This will cause a smoldering fire resulting in creosote and other problems such as boiling.



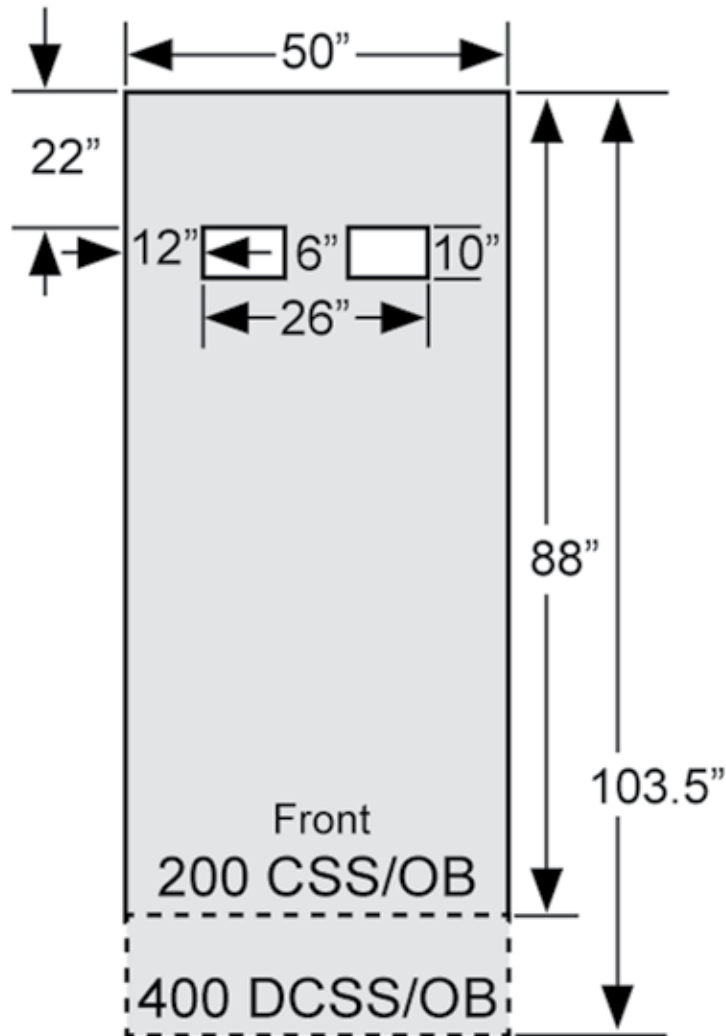
Anti-Rollout Device (A.R.D.)



Anti-Rollout Device (A.R.D.)

Used oil burner pad specifications

Used Oil Burner Models 200 CSS/OB 400 DCSS/OB



Notes:

1. Pad sizes are shed base dimensions plus 3 inches in width and 2 inches in length.
2. Pad thickness must be at least 4 inches but not more than 12 inches.
3. All measurements are in inches.

