

INSTALLATION INSTRUCTIONS

for the proper care and safe operation of your new

COPY

All Nighter Stove^{T.M.}

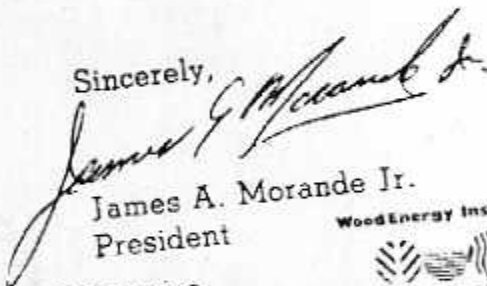
Congratulations....

Congratulations, you have just purchased an All Nighter Stove. We feel it is one of the finest quality stoves in the U.S.A. It is the most versatile, efficient and practical quality stove you can buy.

The All Nighter Stove is actually a number of different appliances designed into one. It is a heater - cook stove - heat distributor - and most important of all, a tremendous energy saver.

I want to take this opportunity to thank you for your business. If you should have questions or problems, please feel free to contact me and I will be most pleased to assist you with any problem you may have.

Sincerely,



James A. Morande Jr.
President



MEMBER: Fireplace Institute of America

WoodEnergy Institute



This Product is Listed by
UNDERWRITERS LABORATORIES INC.
and Bears the Mark:



Radiant Room Heater; Solid Fuel Type

ALL NIGHTER STOVE WORKS WEST, INC.

BREAKING-IN PERIOD

All new stoves require a break-in period of *at least seven days of continuous burning* before they begin to operate at peak efficiency. Many new stove owners are unaware of this and sometime become dissatisfied with their new stove. Please give your stove the opportunity to break-in properly by following these instructions carefully.

We have applied a matte black 1200°F paint to your stove that requires that your first 2 or 3 days of operation should be slow to moderate burning so you may temper the finish and the construction of the stove. You should also realize that the All Nighter Stove door is made of one of the finest quality castings here in New England that also requires a breaking in period. We recommend that you follow these steps at the beginning of each season, if you are using the stove on a seasonal basis.

RECOMMENDATIONS:

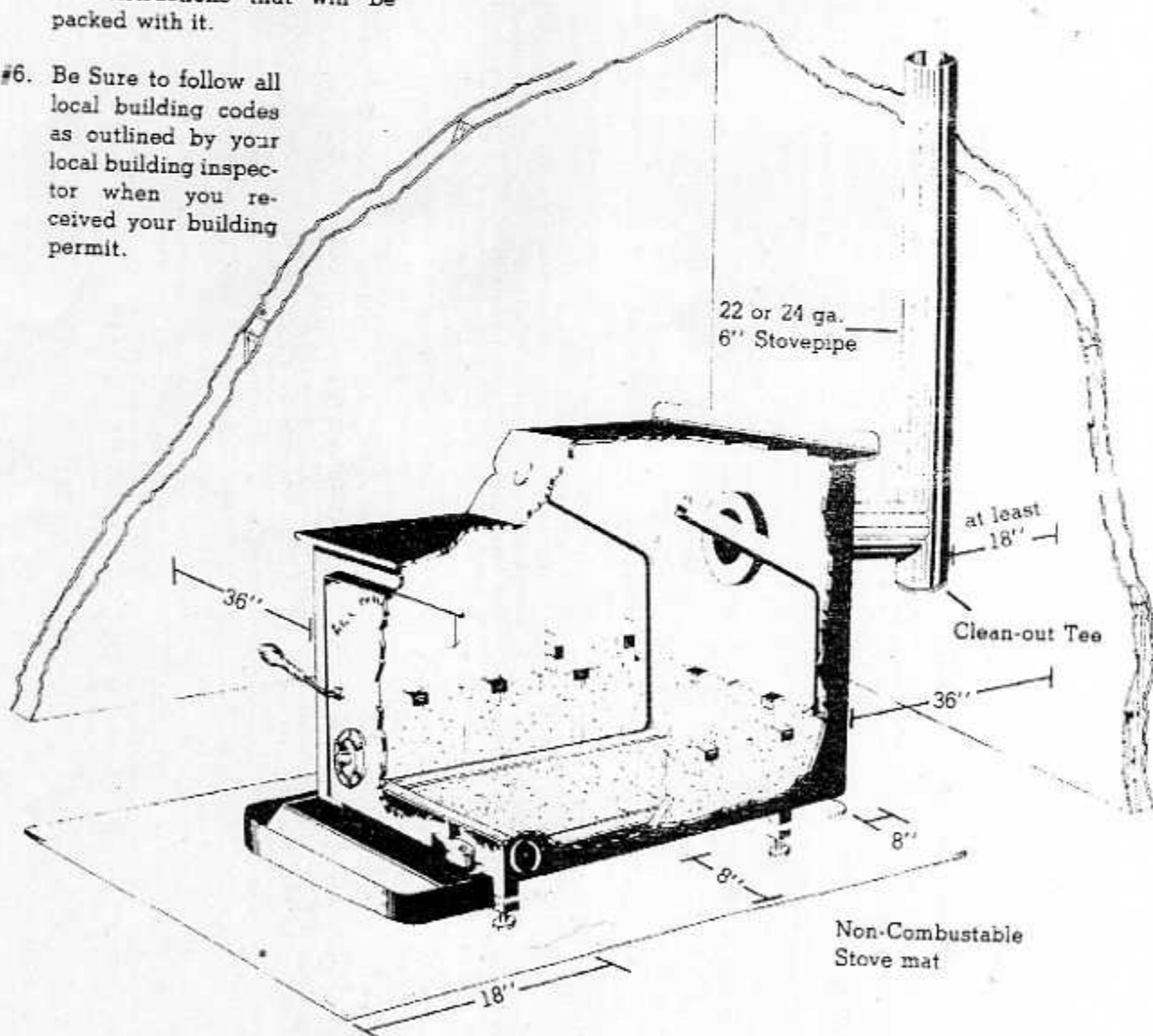
- #1. We recommend that you first obtain a building permit from your local building inspector for the installation of your All Nighter Stove.
- #2. U.L. Listed chimneys, residential type and building heating appliance chimney systems are to be used for your safety and for proper installation.
- #3. All inside stovepipe must be made of 22 ga. or 24 ga. and **MUST NOT** go through any combustible material at all.
- #4. This is a high efficiency airtight stove. It was designed to operate with the door closed. Always operate it in this position and you will not have any heat problems and you'll get more usable heat out of your wood.
- #5. Always build your wood fire directly on the firebrick. Never in an elevated position, such as on a grate or andiron.

PARTS AND MATERIALS NEEDED FOR USUAL INSTALLATION:

1. A **NON-COMBUSTIBLE STOVE MAT** for your stove to stand on. This mat must be made of non-combustible material at least 3/8" thick. Materials such as asbestos, brick, pumice block or tile may be used. This stove mat must extend a minimum of 8 inches out from the sides and back of the stove, and at least 18 inches out from the front door of the stove (refer to the diagram on page 3).
2. **SECTIONS OF 22 GA. OR 24 GA. 6 INCH STOVEPIPE**, U.L. Listed insulated chimney sections, fittings and connectors, as shown on page 4 for the type of installation you will be doing. All chimney parts must be U.L. Listed chimneys, residential type and building heating appliance chimney parts.
3. A **DRIP-TEE** for ease of clean out and easy elimination of creosote build up in the connection of your stove to either the stovepipe or chimney.

INSTALLATION STEPS

- Step #1. Place your stove on the non-combustible stove mat so that it is centered on the mat with at least 8 inches in from each side and the rear, also at least 18 inches of the mat must extend in front from a point below the stove door.
- Step #2. Position your stove at least 36 inches away from any combustible wall on all sides.
- Step #3. Be sure your stovepipe, when installed, will be at least 18 inches away from any combustible (wall) material.
- Step #4. Level your stove by turning the adjustable legs up or down. Your stove should not rock or tip in any direction.
- Step #5. Install your U.L. Listed chimney, following the manufacturer's instructions that will be packed with it.
- Step #6. Be Sure to follow all local building codes as outlined by your local building inspector when you received your building permit.



Local building codes vary, check with your local Building Inspector !

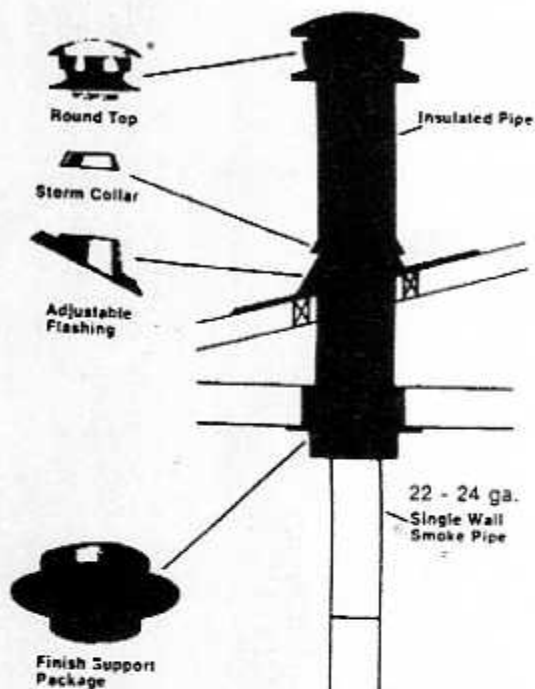
SOME NORMAL CHIMNEY INSTALLATIONS

Shown are some normal installations showing some of the necessary safety items using U.L. listed Chimneys, residential type and Building Heating Appliance.

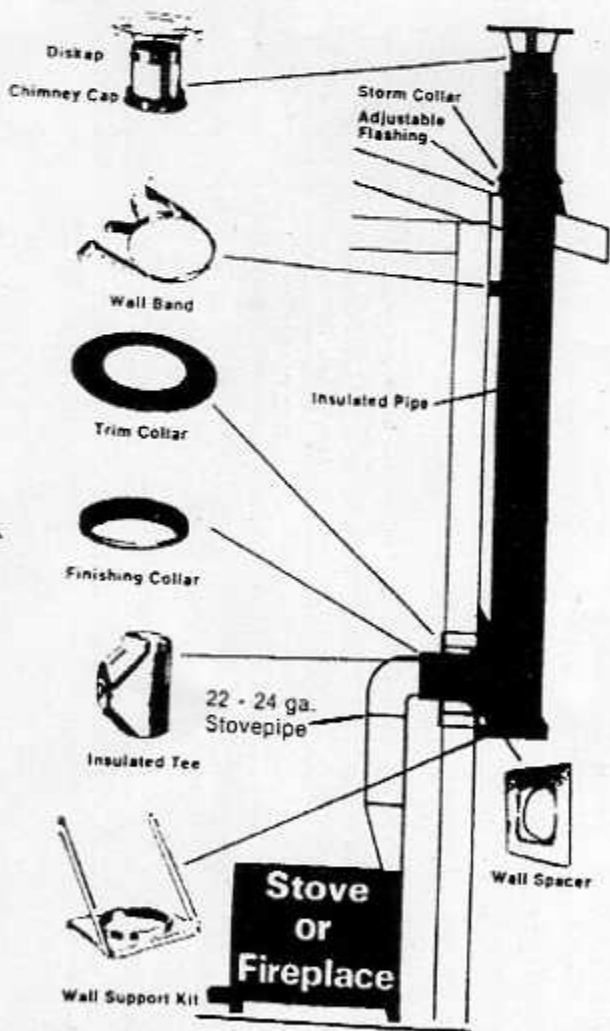
WE STRONGLY RECOMMEND

That before you attempt any chimney system installation, that you obtain the required permit from your local building inspector. Your local building inspector will also inform you on the proper local building codes pertaining to radiant room heaters and chimney system installations.

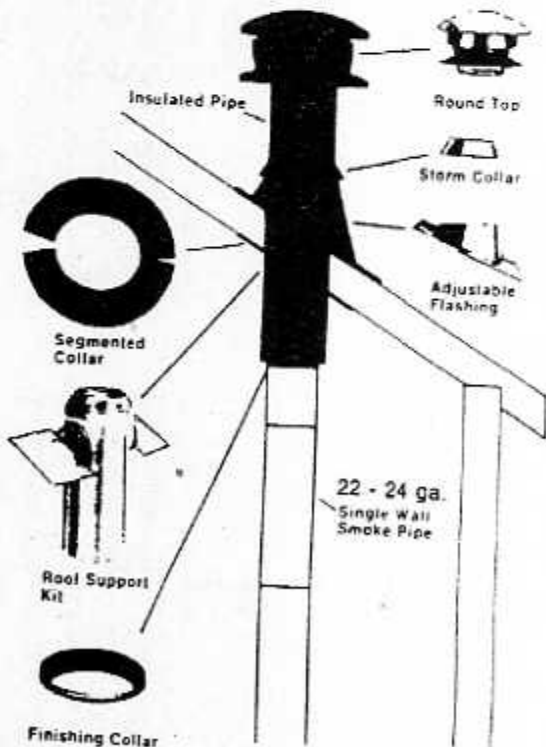
Through a Ceiling & Normal Pitch Roof



Through an Exterior Wall



Through a High Pitch or Chalet Ceiling



'Mo' Brings You the

All Nighter Stoves



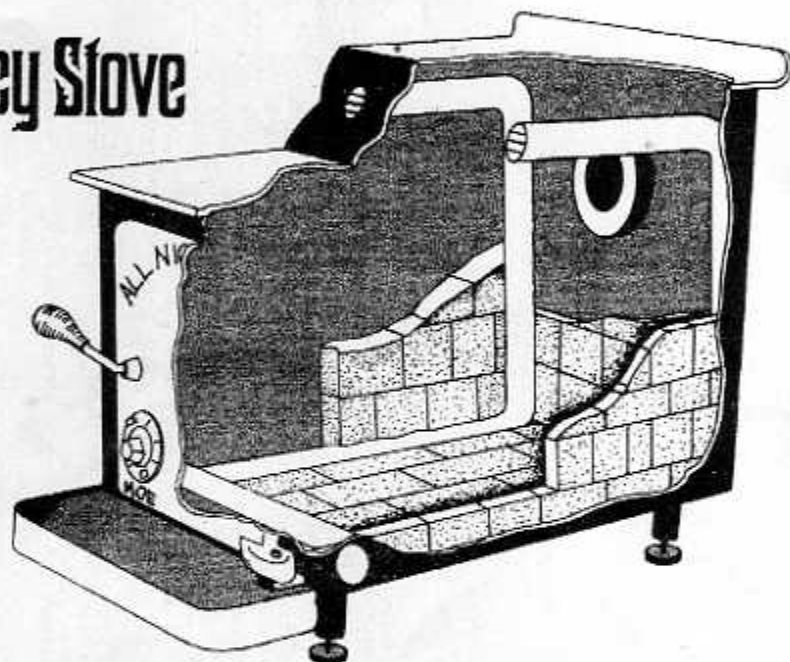
from the Efficiency Stove People

The 24 Hour Controlled Burning Efficiency Stove

Big Mo'

Featuring our exclusive patented* Hot Air Distribution System that increases heat output by 5,000 to 10,000 BTU's per hour without increasing the amount of fuel needed or used!

The All Nighter Stoves were designed and built by people who have been in the stove business for many years. During this time, we have had the opportunity to talk to thousands of new stove buyers. What we have done is taken the features most requested by these new stove buyers and combined them into one stove that can fill the needs of just about everyone. Then, to make our new stove even better, we designed all these features around a single idea. Simply stated, *Everything* we put into our new stove had to make it get *More Heat* out of the burned wood!



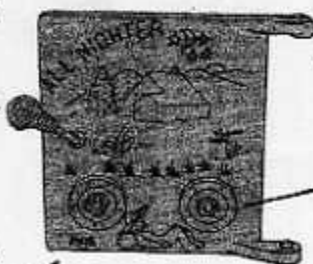
*Patent Pending

Here's Why It Works

OUR EXCLUSIVE PATENTED* TRIPLE AIR SYSTEM DOOR

5" Chrome Plated Steel, Cool Touch Handle

Front View

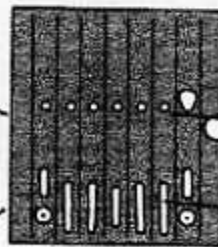


Fingertip control Easy Spin, Draft Caps control burning by allowing just the right amount of air to enter the fire chamber

18 lb. Heavy Cast Iron Door Radiates More Heat

Exclusive Patented* Design Inner Door Air Baffle

Rear view



Exclusive Third Air Flow enters at top of baffle

Secondary Air enters here

Primary Air enters fire chamber here

Exclusive Air Tight Cast Iron and Asbestos Double Seal Door makes stove airtight and controls burning.

And it's the Biggest, Easiest Loading Door on any Comparable Stove!

*Patents Pending

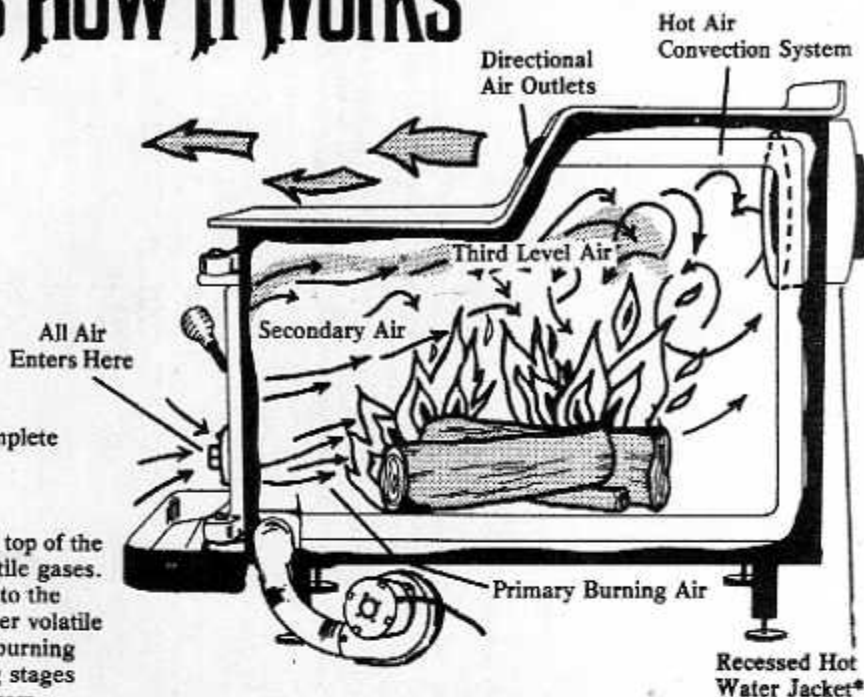
Here's How It Works

ALL AIR ENTERS THRU FINGERTIP CONTROL DRAFT CAPS ON STOVE DOOR.

PRIMARY BURNING AIR ignites fuel and feeds primary fire.

SECONDARY AIR escapes inner door baffle above the flames, re-ignites and burns the volatile gases above the fuel for more complete combustion.

THIRD AIR FLOW exits the top of the inner door baffle and travels across the top of the stove creating a barrier to stop escaping, unburned volatile gases. This air barrier actually forces these gases back down into the flames to reburn. The remaining air then mixes with other volatile gases in the rear chamber to burn them. This triple air burning system insures more complete combustion in all burning stages resulting in maximum efficiency and more usable heat from any wood fuel load.



EXCLUSIVE PATENTED* HOT AIR DISTRIBUTION SYSTEM

is sealed off from the heat chamber. The optional blower unit picks up cold air from the room floor, circulates it thru the inner tubes where it is heated and blows it out the top of the stove. Directional louvers adjust air flow to your needs.

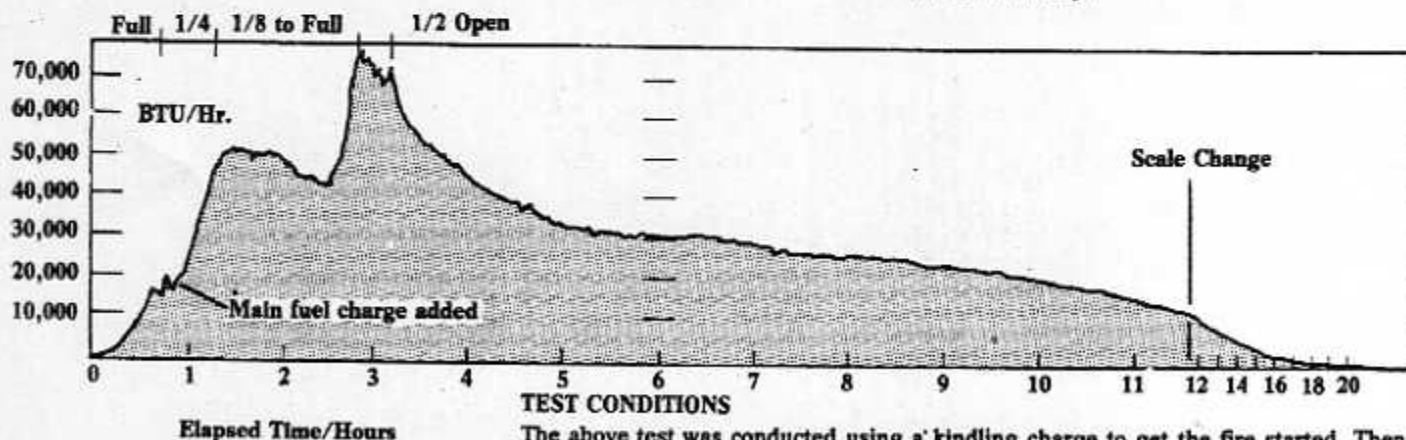
*Patent Pending

Here's What It Does

The following chart is the result of a particular 24 hour test burn by a well known independent New England testing facility. This burn was designed to test the range of heat output as well as the controlability of the heat output and the length of burn.

The optional blower unit *WAS NOT USED* during this test burn.

- A heat output of over 75,000 BTU's per hour can be obtained if desired.
- A controlled burn of approximately 30,000 BTU's per hour for a sustained period can be obtained if desired.
- A 24 hour controlled burn may be obtained by controlling the air inlet and no further adjustments will be necessary.

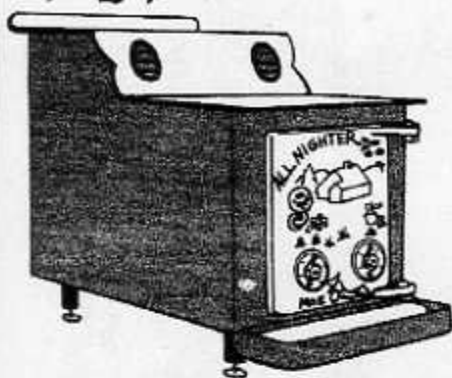


TEST CONDITIONS

The above test was conducted using a kindling charge to get the fire started. Then approximately 72 lbs. of red oak wood carrying 20% moisture content was added to the firebox. Air control was adjusted as shown above. After 24 hours, only 17 ozs. of unburned charcoal remained, (98.48% Combustion). Complete test results are available for inspection at the manufacturers home office.

Here's What We Offer

Big Mo' THE 24 HOUR BURNING STOVE



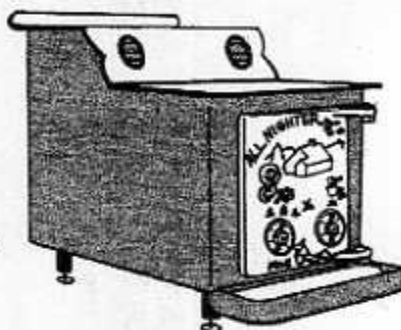
Burns
14 to 30 Hours
Heats
22,500 Cubic Feet
Takes
30 inch Wood

With a Productive Burn Time of up to 16 hours, The Big Mo can effectively heat 7 to 10 average size rooms or 3,000 sq. ft. It can also function as a home furnace.

Overall Length...41½" Height...31" Overall Width...23½"
Weight...510 lbs. Top of Flue...27½"
Legs adjustable to other flue heights

Fits Almost Any Fireplace

Mid Mo'



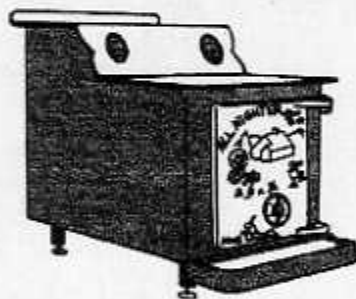
Burns
12 to 20 Hours
Heats
12,100 Cubic Feet
Takes
24 inch wood

With a Productive Burn Time of up to 10 hours, the Mid Mo will effectively heat 5 to 7 average size rooms or 1,800 sq. ft.

Overall Length...36" Height...31" Overall Width...21½"
Weight...408 lbs. Top of Flue...26½"
Legs adjustable to other flue heights

Fits Almost Any Fireplace

Little Mo'



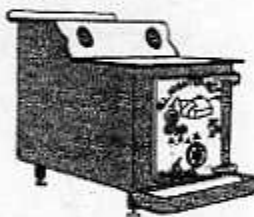
Burns
10 to 16 Hours
Heats
8,250 Cubic Feet
Takes
20 inch wood

With a Productive Burn Time of up to 8 hours, the Little Mo will effectively heat 3 to 5 average size rooms or 1,100 sq. ft.

Overall Length...31½" Height...28" Overall Width...19½"
Weight...314 lbs. Top of Flue...23½"
Legs adjustable to other flue heights

Fits Almost Any Fireplace

Tiny Mo'



Burns
8 to 12 Hours
Heats
5,250 Cubic Feet
Takes
16 inch wood

With a Productive Burn Time of up to 6 hours, the Tiny Mo will heat 1 to 3 average size rooms or 700 sq. ft. It is not available with Hot Water System.

Overall Length...28½" Height...26¼" Overall Width...17¼"
Weight...241 lbs. Top of Flue...23"
Legs adjustable to other flue heights

Fits Almost Any Fireplace

Giant 'Mo' and Jumbo 'Mo' Open
Fireplace Models Coming Soon !

OPTIONAL POWER BLOWER

Attaches to stove's built-in air convector system and power blows air for more heat output.

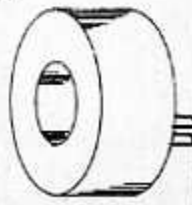


\$29.95

OPTIONAL HOT WATER EXTRACTION CYLINDER*

Fits into the recessed hot water jacket* at the rear of the stove. Inlet tube feeds cold water, outlet returns hot water to your domestic water system.

*Patents Pending



\$89.95

OPTIONAL DOOR SCREEN

Allows you to use any stove as a fireplace
\$16.95



HOT COAL RAKE

Rake hot coals from rear to front
\$14.95

Here's What You Get

We Believe More Value For Your Money than any other Stove !

QUALITY CONSTRUCTION *and* BUILT-IN FEATURES

LARGE HEAVY CAST IRON DOOR

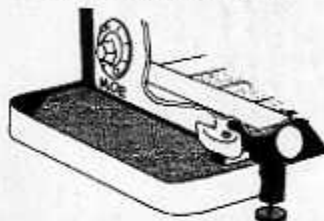
Bigger and Heavier for more heat radiation



- *Unique Double Seal Door
- *Stove will not Back-Puff when loading fuel.
- *Burns wood, coal, paper logs and even trash if you wish.

SAFE HOT EMBER ASH CATCHER

One of the safest made.



- *5" Chrome Plated, cool touch handle.
- *Extra large firebox holds more fuel.
- *Can be modified to blow heat into your hot air heating system.

FINGERTIP ADJUSTABLE AIR DRAFT CAPS

Easy spin, cooler to touch.



- *Stove made of 1/4" and 5/16" ASTM A-36 plate steel welded construction.
- *Fully Firebrick Lined, 2,800 degrees
- *Hi-Temperature, 1,200 degree paint
- *6" Flue outlet.

ADJUSTABLE LEVELING LEGS FIT ALMOST ANY FIREPLACE

Without cutting.



- *Stove Top has two varied temperature cooking surfaces, one for cooking, the other for simmering.
- *Unique Triple Air Combustion System
- *Can heat domestic hot water.

AVAILABLE IN COLORS **ASK YOUR DEALER**

All Nighter Stove DOUBLE GUARANTEE

Lifetime Guarantee

The All Nighter Stove Works, Inc. will guarantee any All Nighter Stove to be free of manufacturing defects for the lifetime of the original owner, when such owner registers with the Company within 30 days of purchase. The All Nighter Stove Works, Inc. will repair or replace any defective stove at their option when such stove is returned by the original owner to any All Nighter dealer. This guarantee does not include the paint, firebrick, hot water coil or the blower unit.

Performance Guarantee

If you allow our retail stove dealer to recommend the correct size stove for your needs, we will offer you a 30 day in-home trial. During this time, you must burn the stove for a continuous 7 day period with reasonably dry, seasoned hardwood. If at the end of the 30 day period you are not satisfied, your money will be refunded in full or you may apply it toward a larger size All Nighter Stove. This guarantee does not include chimney systems.



AVAILABLE AT:



All Nighter Stove Works, inc.
The Efficiency Stove People

80 COMMERCE STREET
GLASTONBURY, CT 06033
Phone (203) 633-3640 or 633-3649

Wood Energy Institute



Tiny Moe — Little Moe — Mid Moe — Big Moe



All Nighter Stove Works West, inc.
The Efficiency Stove People.

P.O. BOX 1858
RICHMOND, IND. 47374
(317) 962-0511