

# **OPERATING INSTRUCTIONS FIREPLACE CATALOG NUMBERS HF36 & MF36**

## **NOTICE**

**SAVE AND PASS ON TO SUBSEQUENT OWNERS THESE OPERATING INSTRUCTIONS AND THE INSTALLATION INSTRUCTIONS. THE INFORMATION PROVIDED IS INTENDED TO NOTIFY AND WARN THEM ABOUT MAKING UNSAFE FUTURE MODIFICATIONS SUCH AS THE ADDITION OF SHELVES OR THE USE OF UNAUTHORIZED PARTS AND REPAIRS.**

## **CAUTION**

**EDGES ARE SHARP. HAND PROTECTION IS RECOMMENDED.**

Before starting a fire in your new or existing fireplace, use the following check list:

- A. **FLUE DAMPER.** When the wood handle is raised out of any notch, the handle should move toward the full open position. Verify by looking up from the inside of the firebox. When intermediate notches are provided, they have all been tested, but downdrafts, obstructions, damage, or poor (wet) fuels can cause smoke spillage. Always operate with the damper fully open.

## **WARNING**

**DO NOT MODIFY DAMPER PLATE BY PROVIDING INTERMEDIATE NOTCHES NOT SUPPLIED BY THE FACTORY. THIS CAN RESULT IN SEVERE OVERTEMPERATURES AND POSSIBLE FIRE. FIREPLACE MUST BE OPERATED WITH DAMPER IN FULL OPEN POSITION.**

**B. CHIMNEY INSPECTION.** Visually inspect chimneys internally for obstructions and construction damage. Flue pipe joints and seams must be continuous and mechanically tight. In a used chimney, additional inspection is needed for the following:

**"Creosote — Formation and Need for Removal.**

When wood is burned slowly, it produces tar and other organic vapors, which combine with expelled moisture to form creosote. The creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited, this creosote makes an extremely hot fire.

The chimney should be inspected at least twice monthly during the heating season to determine if creosote build-up has occurred.

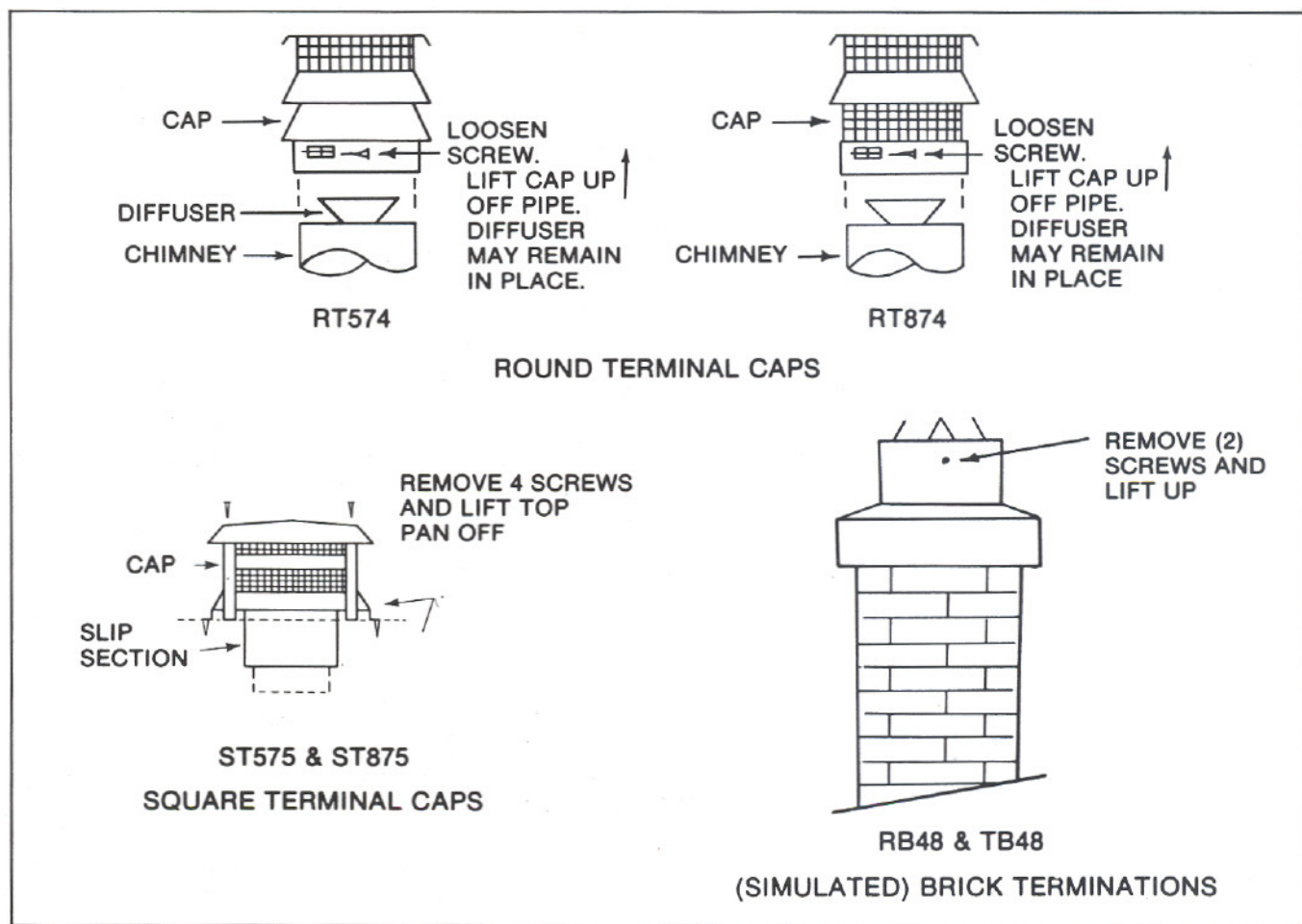
If creosote has accumulated, it should be removed to reduce the risk of a chimney fire."

**C. CHIMNEY CLEANING.** If you do detect a build-up of creosote, contact a qualified chimney sweep or clean it yourself.

1. Open damper.
2. Hang a damp sheet across the fireplace opening to stop dirt and soot from entering the room.
3. Remove terminal cap or housing top. See Figure 1.
4. Clean with a stiff bristled brush attached to a wooden pole,

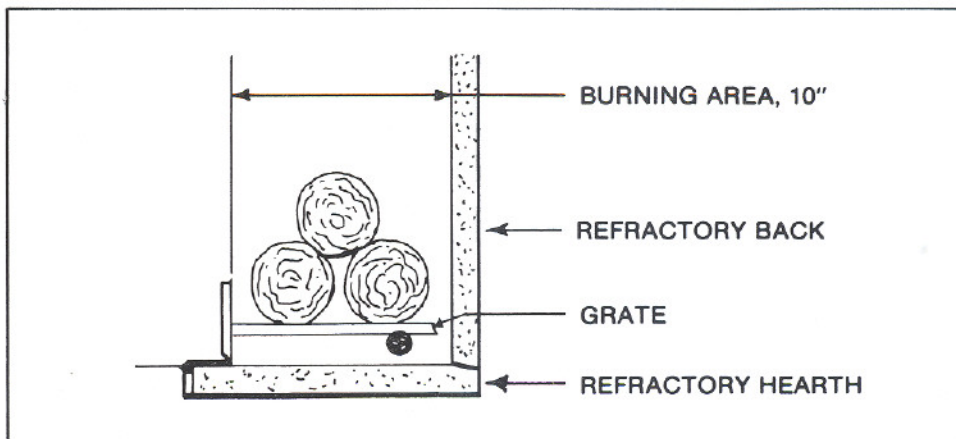
OR

- 4A. Tie a rope to a burlap bag filled with straw and several stones. Work up and down flue until clean.
5. Replace terminal cap or housing top.



**Figure 1**  
Terminal Caps

- D. **CLEAR SPACE NEAR FIREPLACE.** Maintain the hearth extension free space at least sixteen inches to the front and eight inches on either side of the firebox opening. Combustible walls perpendicular to the front of the fireplace must be at least 2 feet from the fireplace opening. Room furnishings such as drapes, curtains, chairs, or other combustibles must be at least four feet from the open front of the fireplace.
- E. **GRATE.** Grates must be used to help hold logs from falling out of an open fireplace and to allow air to pass between the burning logs. Grate size depends on hearth size and shape. It is important to keep the fire off the hearth and to allow the ashes to collect beneath the fire, thereby forming a layer of additional heat protection. See Figure 2.



**Figure 2**  
Section Through Fireplace

- F. **FIRESCREEN.** A firescreen is always provided to control ashes. It must be closed whenever the fireplace is used. Glass doors may be used in place of a firescreen, but must be designed and tested for use with the specific fireplace model. Glass doors or firescreens must not be used to hold burning material inside the fireplace as might occur when overfilling the fireplace with empty boxes or branches. Screens should be closed when the glass doors are closed.
- G. **OUTSIDE AIR.** Dampers allow individual control of the outside air inlets if your fireplace is equipped with this option. In a tightly sealed or well insulated home, replacement of combustion air is necessary to keep harmful gases from entering living spaces.

### **CAUTION**

**FIREPLACE OPERATION DOES REQUIRE AIR. DO NOT TAKE AIR FROM OTHER FUEL BURNING APPLIANCES WHICH CAN RESULT IN IMPROPER VENTING (SMOKING) OR AIR DILUTION. ALWAYS PROVIDE ADEQUATE MAKE-UP AIR.**



- H. **SETTING THE FIRE.** Check the flue damper to be sure it is fully open. Place crumpled or twisted paper under the grate or on the hearth. Loosely arrange kindling or small pieces of wood to form a layer above the paper. Place three logs in a rough pyramid as shown in Figure 2, being sure to allow free air space between the logs. Small sticks of wood may be used to separate the logs. NOTE: When heated the first time, the temperature of the fireplace must be raised gradually, to prevent moisture within the refractory from causing cracks, and to allow the binders in the insulation to dissipate.

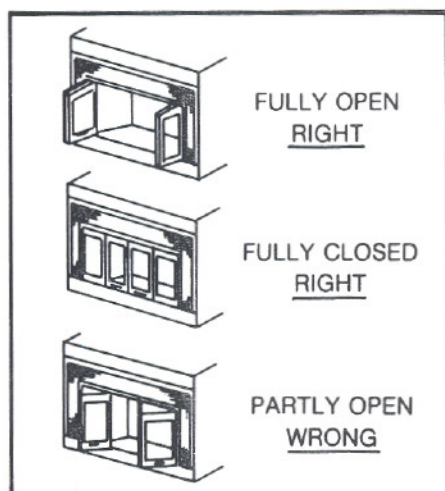
**CAUTION**

- 1. NEVER USE GASOLINE, GASOLINE-TYPE LANTERN FUEL, KEROSENE, CHARCOAL, LIGHTER FLUID, OR SIMILAR LIQUIDS TO START OR 'FRESHEN UP' A FIRE IN THIS FIREPLACE. KEEP ALL SUCH LIQUIDS WELL AWAY FROM THE FIREPLACE WHILE IT IS IN USE.**
- 2. RADIANT HEAT TRANSFER CAN RAISE THE TEMPERATURE OF THESE MATERIALS TO THE IGNITION POINT.**

- I. **DISPOSAL OF ASHES.** Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground, well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled.
- J. **GLASS DOORS.** Most efficient fireplace operation using glass doors is with the doors open, as can be felt when standing in front of the fireplace. When not burning the fireplace, glass doors will prevent loss of room heat through the chimney. Only HEATILATOR® Glass Door, Catalog Number GD36BF, may be used.

**WARNING**

**FIREPLACES EQUIPPED WITH DOORS SHOULD BE OPERATED ONLY WITH DOORS FULLY OPEN OR DOORS FULLY CLOSED. IF DOORS ARE LEFT PARTLY OPEN, GAS AND FLAME MAY BE DRAWN OUT OF THE FIREPLACE OPENING, CREATING RISKS OF BOTH FIRE AND SMOKE.**



**GLASS DOORS**

## K. OPERATING YOUR FIREPLACE.

### **WARNING**

**CONTINUED OVERFIRING CAN PERMANENTLY DAMAGE YOUR FIREPLACE SYSTEM. EXAMPLES OF OVERFIRING ARE:**

- 1. QUANTITIES OF SCRAP LUMBER, PINE BRANCHES OR CARDBOARD BOXES WHICH EXCEED THE VOLUME OF THE "NORMAL LOG FIRE". THESE MATERIALS PRODUCE MANY SPARKS AND MUST NOT BE USED.**
- 2. THE "NORMAL LOG FIRE" IS THREE LOGS, EACH FOUR INCHES IN DIAMETER, WITH THE LENGTH NO GREATER THAN THE BACK WALL OF THE FIREPLACE. THE RATE OF FIRING MUST NOT EXCEED THESE THREE LOGS PER HOUR.**

- L. FAN KIT. HEATILATOR® FK25** Heat Circulating Fans may be used with this fireplace. An external ON/OFF switch must be provided. Use of these dual fans will increase efficiency and heat output.
- M. SAFETY - A FINAL WORD.** Fireplaces as well as other woodburning appliances have been used safely for many years. Our own experience is that most problems are caused by improper installation, fueling, and operating. All dimensions specified are minimum and increasing distances to combustibles decreases risk. Such common practice as surrounding the fireplace with loose fill insulation, and especially leaving the fire unattended will increase the risk of fire.



# HEATILATOR® FIREPLACE LIMITED WARRANTY

**DESIGNATION OF WARRANTOR.** This Limited Warranty is extended by Heatilator Inc., Division, HON INDUSTRIES, (hereinafter referred to as Heatilator), with respect to the HEATILATOR fireplace systems as described herein, while in its location of original installation.

**PRODUCT.** This HEATILATOR fireplace system (hereinafter sometimes referred to as the "System") is comprised of the fireplace proper (the firebox including refractory), chimney system, roof termination and grate, and also includes optional components of glass panel doors, heat circulation ducts, fans, and an outside combustion air system where applicable. Except where specifically excluded from coverage hereunder, this Limited Warranty covers all of the components and optional components designated. See **EXCLUSIONS AND QUALIFICATIONS** below, for further information on product coverage.

**WARRANTY.** The HEATILATOR fireplace system is warranted to be free from defects in materials and workmanship at the time of manufacture. The System, when comprised of defect-free components and optional components, if any, as described in the above paragraph, is further warranted to provide smoke-free operation for a period of twenty (20) years from the date of installation.

This Limited Warranty extends only to those HEATILATOR fireplace systems installed in the United States of America or the Dominion of Canada.

**WHAT HEATILATOR WILL DO IN THE EVENT OF A DEFECT.** If this HEATILATOR fireplace system is found to be defective in material or workmanship (see Heatilator's right of investigation outlined below), Heatilator will repair or replace such defects in the HEATILATOR fireplace system, at Heatilator's option, according to the following schedule:

- (1) During the first year of the Limited Warranty, Heatilator will provide replacement or repair parts for all components and optional components of the System at no charge, and also will pay for reasonable labor costs for repair work.
- (2) During the second through fifth years of the Limited Warranty, Heatilator will provide replacement or repair parts at no charge, for the components and optional components of the System, **EXCEPT** the grate, wire-mesh screen and the glass in the glass doors. Heatilator will assume no responsibility for any freight charges or labor costs.
- (3) During the sixth through twentieth years of the Limited Warranty, Heatilator will provide replacement or repair parts (if available) for the components and optional components of the System, **EXCEPT** the grate, refractory, fans, wire-mesh screen and the glass in the glass doors, at 50% of its then current published retail price. All freight charges and labor costs will be the responsibility of the customer.

## EXCLUSIONS AND QUALIFICATIONS.

This Limited Warranty is subject to the following exclusions and qualifications:

- (1) This Limited Warranty does not apply to, and Heatilator assumes no responsibility for, any damages that result due to installation or operation not in accordance with both the Installation Instructions and the Operating Instructions furnished, chimney fires due to a lack of adequate cleaning (refer to Operating Instructions), or roof stains caused by creosote.
- (2) The HEATILATOR fireplace system must be subjected to normal use as explained in the Operating Instructions and the Underwriters Laboratories label located in the firebox, including burning only natural wood. Fuel products with abnormal burning characteristics, including synthetic fuels (e.g. synthetic logs, wood treated with flammable liquid, logs made from pressed wood), burn at excessive temperatures which may cause the System to function improperly. Flammable liquid fuels are explosive and never should be used to start the fire. Heatilator does not warrant the structural or functional performance of the System when such fuels as mentioned or described herein have been used.
- (3) Fires in the fireplace (the firebox) must be built on a grate equivalent to the integral grate originally supplied with the firebox.
- (4) This Limited Warranty applies only if adequate ventilation is provided to allow proper draft to the fireplace. Heatilator assumes no responsibility for improper performance of the System caused by inadequate draft due

to environmental conditions (e.g. wind currents), tight-sealing construction, or mechanical devices (e.g. air conditioning, exhaust fans) any or all of which may cause a negative air pressure within the structure where the fireplace is installed.

- (5) This Limited Warranty applies only to the components and optional components of the System manufactured or specifically approved by Heatilator; and Heatilator expressly excludes any liability hereunder for defects or damage caused by the installation or use of any such unauthorized or unapproved component or optional component. Heatilator further assumes no liability for defects or damage caused by the use or installation of any fireplace insert, auxiliary heat device, or other modification not expressly authorized and approved by Heatilator. Unauthorized components, optional components, or modifications could create a fire hazard by altering the safety design of the fireplace.
- (6) Labor costs to be borne by Heatilator pursuant to this Limited Warranty must be approved by Heatilator and must not exceed the retail price of replacement parts.
- (7) This Limited Warranty shall be void if the System is at any time or has been removed from the place in which it was originally installed.

## LIMITATION OF LIABILITY.

IT IS EXPRESSLY AGREED AND UNDERSTOOD THAT HEATILATOR'S OBLIGATION AND PURCHASER'S EXCLUSIVE REMEDY UNDER THIS WARRANTY, UNDER ANY OTHER WARRANTY, EXPRESS OR IMPLIED (INCLUDING MERCHANTABILITY), OR OTHERWISE, SHALL BE LIMITED TO REPLACEMENT OR REPAIR OF ONLY HEATILATOR® BRAND COMPONENTS AND OPTIONAL COMPONENTS AS ABOVE SPECIFIED.

THE DURATION OF ANY IMPLIED WARRANTY APPLICABLE TO THIS HEATILATOR® FIREPLACE SYSTEM IS LIMITED TO THE DURATION OF THE FOREGOING WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL HEATILATOR BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY DEFECTS IN THE HEATILATOR® FIREPLACE SYSTEM. WHETHER SUCH DAMAGE OCCURS OR IS DISCOVERED BEFORE OR AFTER REPLACEMENT OF REPAIR, AND WHETHER OR NOT SUCH DAMAGE IS CAUSED BY HEATILATOR'S NEGLIGENCE.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

**BUILDING CODES.** Since building code requirements vary greatly throughout the United States and Canada, users of this System should determine in advance whether there are any building code restrictions on the installation or use of this System. Heatilator makes no representation or warranty regarding building code compliance and shall not be responsible for compliance therewith.

**HEATILATOR NOT RESPONSIBLE FOR WORK DONE WITHOUT WRITTEN CONSENT.** Heatilator shall in no event be responsible for any Warranty work done without first obtaining Heatilator's written consent.

**DEALERS HAVE NO AUTHORITY TO ALTER THIS WARRANTY.** Heatilator's employees and dealers have no authority to make any warranty nor to authorize any remedies in addition to or inconsistent with those stated above.

**IMPLIED WARRANTY RIGHTS.** This Warranty gives you specific legal rights, and you may have other rights which vary from state to state. In the event of a problem with Warranty service or performance, you may be able to go to a small claims court, State court, or a Federal district court.

**HOW TO REGISTER A CLAIM AGAINST WARRANTY.** In order for any claim under this Limited Warranty to be valid, Heatilator must be notified of the claimed defect in writing to Heatilator Inc., Customer Relations Department, 1915 West Saunders Road, Mt. Pleasant, IA. 52641. Heatilator reserves the right to investigate any and all claims against this Warranty.

HEATILATOR is a registered trademark of Heatilator Inc.