

FIELD FUEL CONVERSION INSTRUCTIONS

Do not burn wood or other material in this appliance.

Natural or propane gas conversions necessary to meet the application need to be made by a qualified technician using Hearth & Home Technologies specified and approved parts.

In the event your appliance must be converted to use propane, you must use a CKVP Conversion Kit. To convert to use natural gas, you must use a CKVN Conversion Kit.

4. OPERATING THE OUTSIDE AIR KIT

The outside air kit is an optional feature for this appliance. The outside air kit helps to decrease the amount of room air taken by utilizing outside air for combustion. It is strongly recommended that it be installed.

To operate the outside air kit, before starting the appliance, open the control access panel. Grasp the small, black handle located on the left side of the appliance, just below the glass channel. See Figure 26. Lift the handle out of its slot and pull towards the front. The outside air door should open. Replace the handle back in the slot on the bracket from which it was removed (so the outside air door remains open) and close the control access panel. When through burning the appliance, open the control access panel, grasp the handle and push the outside air door closed.

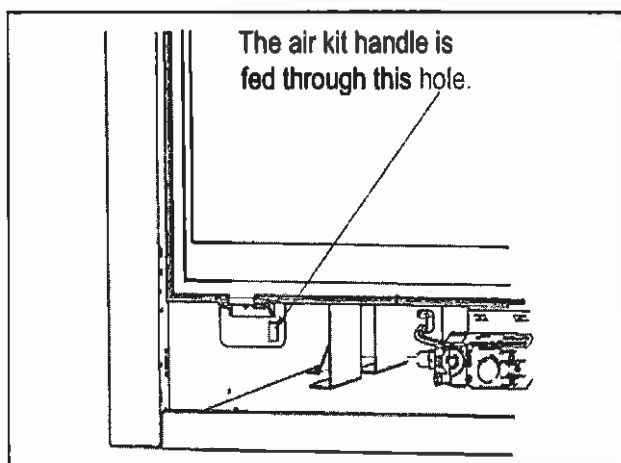


Figure 26 - Operating the Outside Air Kit

WARNING!

Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

L. START-UP ISSUES

ISSUE	SOLUTIONS
1. Condensation on the glass.	1. This is a result of gas combustion and temperature variations. As the appliance warms, this condensation should disappear.
2. Blue flames.	2. This is a result of normal operation and the flames will begin to yellow as the appliance is allowed to burn.
3. Odor from appliance.	3. When first operated, this appliance may release an odor for the first several hours. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing.
4. Film on the glass.	4. This is a normal result of the curing process of the paint and logs. Glass should be cleaned within 4-6 hours of initial burning to remove deposits left by oils from the manufacturing process. A non-abrasive cleaner, such as Brasso may be necessary.

WARNING!

Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid or similar liquids in this appliance. Keep any flammable liquids a safe distance from the appliance.

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M. MAINTENANCE INSTRUCTIONS

1. CLEANING THE BURNER AND CONTROL COMPARTMENT

Keep the burner and control compartment clean by brushing and vacuuming at least once a year. Always turn off the wall switch (or remote control) and gas valve before cleaning.

2. CHECKING THE VENT SYSTEM

The appliance and venting system should be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed. Refer to Section E.5.

3. CHECKING FLAME PATTERNS

- a. Check the flame of the burner periodically, making sure the flames are steady, not lifting or floating. See Figure 30. The flame color should be blue with yellow tips. The ignitor (electronic) or thermopile and thermocouple (standing pilot) tips should be covered with flame. See Figures 27-29.

If the vent configuration is installed incorrectly, the vent may cause the flames inside the appliance to lift or "ghost" - a dangerous situation. Inspect the flames after installation to ensure proper performance. See Figure 30. If the vent configuration is correct, yet the flames are lifting or ghosting, shut off gas to the appliance and contact the dealer.

Note: The look of the flames and embers may differ based on the type of fuel and venting assembly that is required.

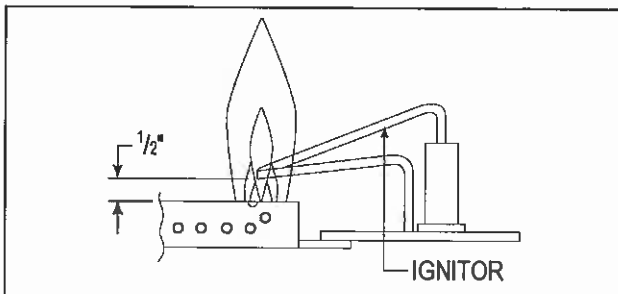


Figure 27 - Electronic Ignition

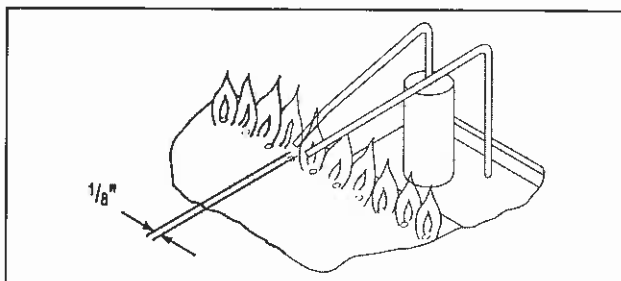


Figure 28 - Electronic Ignition

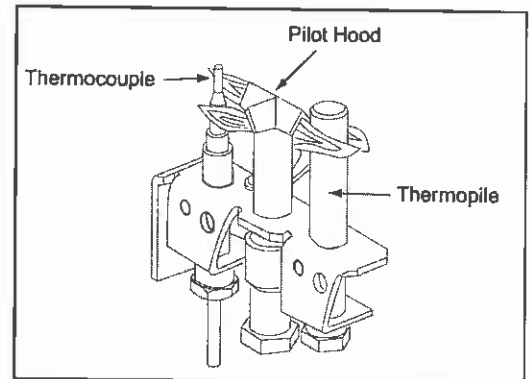


Figure 29 - Standing Pilot

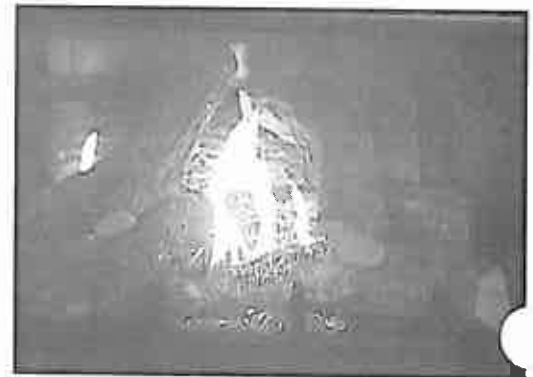


Figure 30 - Flame Patterns (60 Series shown)

- b. To prevent the possibility of soot, we have provided your appliance with an adjustable air shutter. Your air shutter is provided in the closed position for natural gas and in the open position for propane. It takes 16 full turns (360°) to move the air shutter from fully OPEN to fully CLOSED. In the event soot is accumulating in your appliance, the air shutter should be opened farther. This can be done by opening the control access panel and locating the air shutter handle in the bottom of the firebox. See Figure 31. When the air shutter handle is turned all of the way DOWN (counterclockwise), the air shutter is fully closed. When the air shutter handle is turned all the way UP (clockwise), the air shutter is fully open.



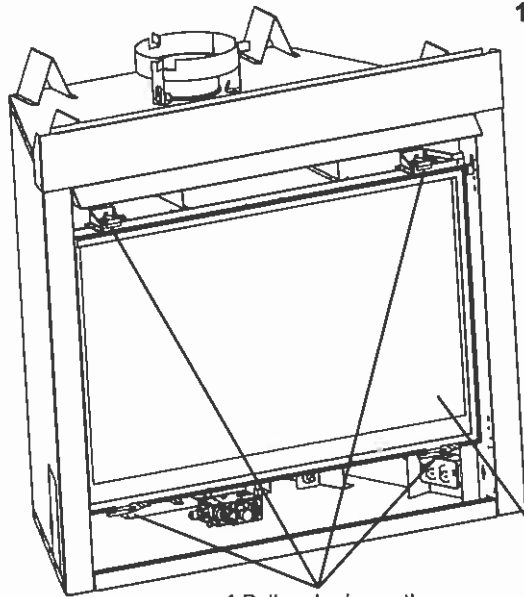
Figure 31 - Air Shutter Handle Location

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CLEANING THE GLASS

See Figure 32. Never operate this appliance without the glass properly secured in place or if the glass is broken. In the event of glass breakage, carefully remove the glass frame. This will allow the removal of all glass fragments and sheet metal edge protection strips. Vacuum all remaining glass pieces with a shop vac. **DO NOT VACUUM IF PIECES ARE HOT!** Replace glass with only a Hearth & Home Technologies glass panel assembly ordered direct or through your local distributor. Never use substitute material. Only fully tempered soda lime safety glass or ceramic glass may be used on this appliance.

- 8 Reattach the four Quick Access Latches.
- 9 Place the screen into the top screen retainers, lift and rotate towards the appliance. Place on the bottom retainers.
- 10 Close the control access panel.
- 11 Replace the upper grille.
- 1 Pull out to remove the upper grill and expose the two/three Quick Access Latches.
- 2 Open control access panel to expose two/three Quick Access Latches.
- 3 Rotate Bottom of screen away from the appliance and lower out of the top retainers. Set screen aside.
- 4 Pull and release the four/six Quick Access Latches.
- 5 Pull top of glass away from appliance.
- 6 Set glass on nonabrasive surface. Clean using a nonabrasive, mild cleaning solution (i.e. Brasso).
- 7 To replace, place the glass on the bottom retainers. Glass must be firmly seated into the bottom glass retainers.



Safety Note:
Handle glass with care to avoid striking, scratching or slamming shut. **NEVER** clean glass when it is hot. Keep children and pets a safe distance away.

Figure 32 - Glass Cleaning

5. LOG REMOVAL/REPLACEMENT

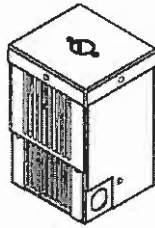
If removal of the logs becomes necessary, remove the two screws, one at each end of the grate. Grasp the grate as shown. Grasp the grate and pull the logs up and off the burner. See Figure 33.

To replace the logs, grasp the grate as shown. Lower the log set onto the burner pan, making sure the tabs on the front of the grate line up with the holes provided. Attach the two screws at each end of the grate.



Figure 33 - Log Removal

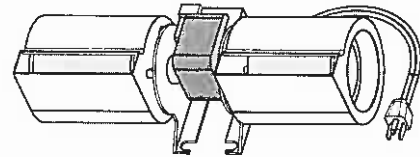
N. OPTIONAL COMPONENTS



BC10
Fan Motor Rheostat

BC11
Automatic Variable
Blower Control

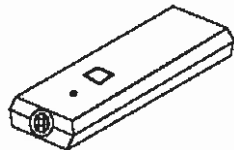
BC12
Variable Fan Control
with Thermostat



FK160
Fan Kit



WSK-MLT-HTL
Multi-Function Wall Switch



RC-SMART-HTL
Remote Control

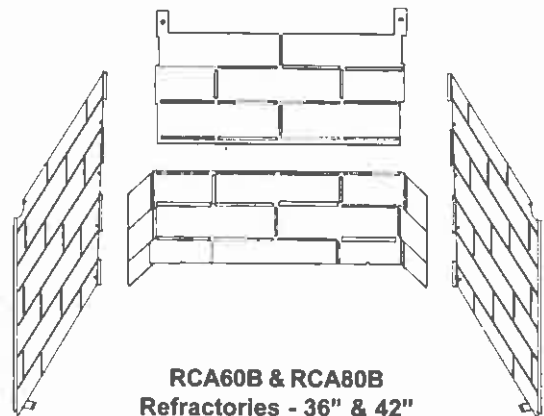
RC-ELEC-HTL
Remote Control
(Electronic Ignition)

RC-BATT-HTL
Battery-operated Remote
Control (Standing Pilot)

RCT-MLT-HTL
Multi-Function
Remote Control

SMART-STAT-HTL
Remote Control with
Thermostat Control

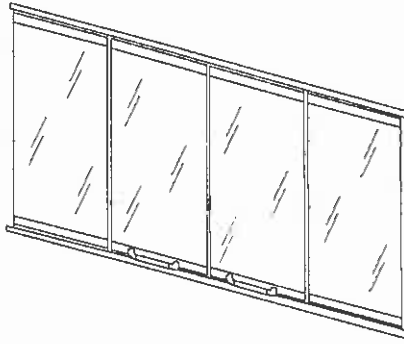
SMART-BATT-HTL
Battery-operated Remote
Control with Thermostat
Control



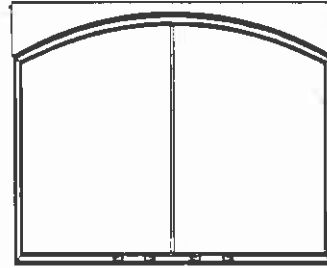
RCA60B & RCA80B
Refractories - 36" & 42"

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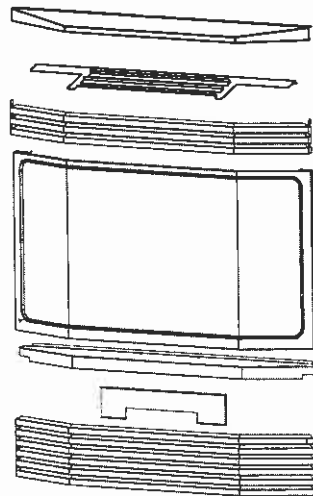
OPTIONAL COMPONENTS (con't)



DFC2B/S & DFN6B/S
Fixed Glass Doors



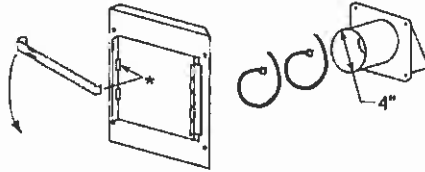
DFA36, DFA36B, DFA36S
DFA42, DFA42B, DFA42S
Arched Door



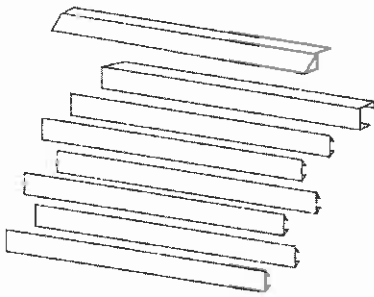
DFBC36/42
Bay Door

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OPTIONAL COMPONENTS (con't)



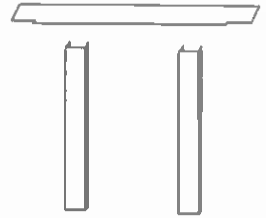
AK14 - Air Kit



**TK302B/S, TK402B/S
Trim Kits**



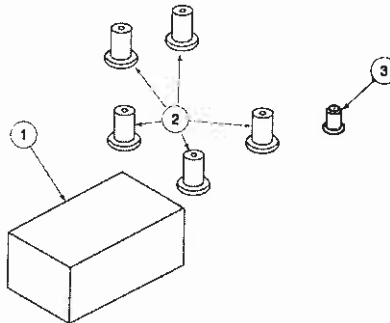
**TK6B/S, TK7B/S
Trim Kits**



**TK47B/A, TK48A/B
Trim Kits**



**QKE3B, QKE4B
Quick Tile Surround
Brass Finish**



**CKVN, CKVP
Conversion Kit**



**TKB2, TKB6
Bay Door Trim Kit**

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O. REPLACEMENT PARTS

Replacement parts are available from you distributor/dealer.

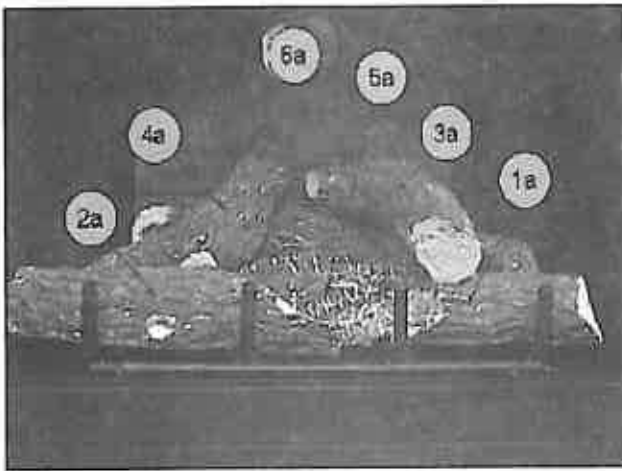


Fig A - Gas Log Assembly

ITEM	PART #	DESCRIPTION	QTY.
A	30837	Grate/Log Assembly - 60	1
	30846	Grate/Log Assembly - 80	1
1a	29780	Front Right Log	1
2a	29779	Front Left Log	1
3a	29829	Middle Left Log	1
4a	29830	Top Log	1
5a	30037	Burnt Out Log	1
6a	30036	Back Log - 60	1
	30167	Back Log - 80	1
7a	FIRE98	Fire Glow	1
8a	14333	Rock Wool	1
9a	28911	Lava Rock	1
10a	28746	Vermiculite	1

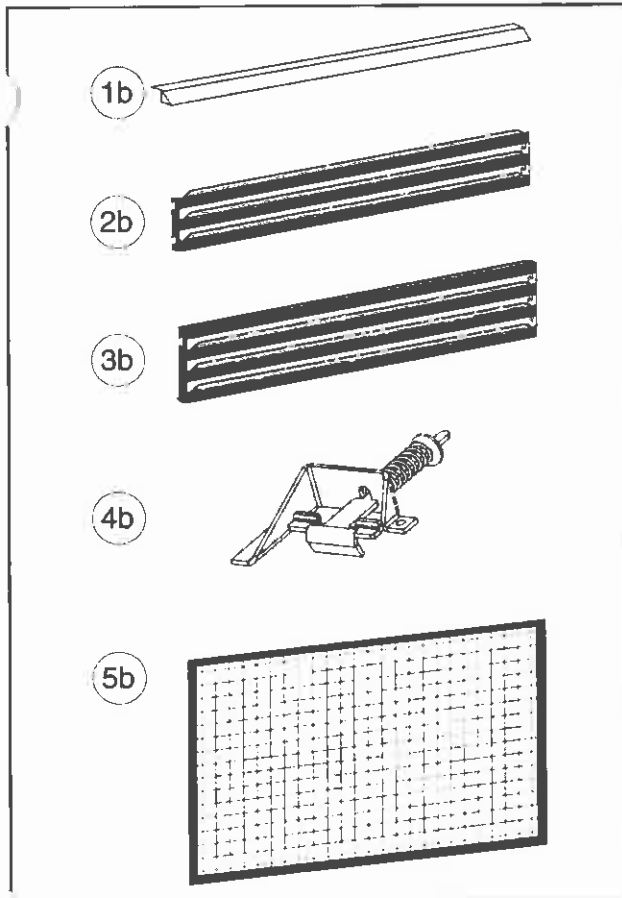
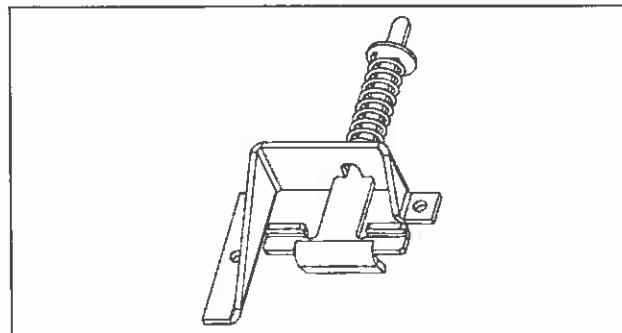


Fig. B - Panels, etc.

ITEM	PART #	DESCRIPTION	QTY.
B		Panels, etc.	
1b	29575	Hood - 60	1
	29577	Brass Hood - 60	1
	29576	Hood - 80	1
	29588	Brass Hood - 80	1
2b	26638	Upper Grille - 80	1
	26637	Upper Grille - 60	1
3b	25016	Lower Grille - 60	1
	25144	Lower Grille - 80	1
4b	33858	Quick Access Latches™	4/6
5b	35453	Glass Kit w/ Screen - 60"	1
	35454	Glass Kit w/ Screen - 80"	1



Item 4b - Quick Access Latch™

Visit our Website at: www.heatilator.com for a dealer/distributor near you!

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Gas Appliance (Fireplace) Limited Lifetime Warranty

HEARTH & HOME TECHNOLOGIES ("HHT") extends the following warranty for HEATILATOR® gas appliances installed in the United States of America or Canada (the "Appliance"). Dealers and employees of HHT have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty.

Limited Lifetime Warranty

HHT warrants the Appliance for component failure due to a manufacturing defect of any of the following components: combustion chamber, burner pan, and logs. The Limited Lifetime Warranty specified above is subject to the conditions, exclusions and limitations listed below, is for the period the Appliance is owned by the original homeowner only, and is nontransferable.

1 Year Limited Warranty

HHT warrants the Appliance to be free from failure of any of the following components for a period of one year after installation: valve, flexible gas line connector, glass panel, fan, direct vent chimney components, factory paint, gasket, piezo ignitor, thermopile, thermocouple, junction box, pilot assembly, shutoff valve, high limit switch, refractory liners, transformer, and control box. If the Heatilator Appliance is found to be defective in either material or workmanship within one year of the date of original installation, HHT will provide replacement parts at no charge and pay reasonable labor and freight costs, and is for the period of one year following the date of original installation of the Appliance.

Conditions, Exclusions, & Limitations of Liability

- A. Both the Limited Lifetime and 1 Year Limited Warranties supplied by HHT apply only while the Appliance is in its location of original installation. HHT's obligation under this warranty does not extend to damages resulting from (1) installation, operation or maintenance of the Appliance not in accordance with the Installation Instructions, Operating Instructions, and the Listing Agent Identification Label furnished with the Appliance; (2) installation which does not comply with local building codes; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs; (4) environmental conditions, inadequate ventilation or drafting caused by tight sealing construction of the structure, air handling devices such as exhaust fans or forced air furnaces, or other causes; (5) use of fuels other than those specified in the Operating Instructions; (6) installation or use of components not supplied with the Appliance or any other components not expressly authorized and approved by HHT; and/or (7) modification of the Appliance not expressly authorized and approved by HHT in writing. **This warranty is limited to only the component parts manufactured or supplied by HHT.**
- B. HHT's liability under both the Limited Lifetime Warranty and the 1 Year Limited Warranty is limited to the replacement and repair of defective components or workmanship during the applicable period. HHT may fully discharge all of its obligations under such warranties by repairing the defective component(s) or at HHT's discretion, providing replacement parts at no charge and paying reasonable labor and freight costs.
- C. **EXCEPT TO THE EXTENT PROVIDED BY LAW, HHT MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE WARRANTY SPECIFIED ABOVE.**
- D. Some states do not allow exclusions or limitations of incidental or consequential damages, so those limitations may not apply to you. This warranty gives you specific rights; you may also have other rights which vary from state to state.

How to Obtain Service

To obtain service under this warranty you must:

1. Send written notice of the claimed condition to Heatilator Technical Service Department, Hearth & Home Technologies, 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641-1563. You may also register your claim online at www.heatilator.com/contact.asp.
2. Provide proof of purchase, model number, serial number, and manufacturing date code to HHT.
3. Provide HHT reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Appliance prior to any repair or replacement work and before the Appliance or any component of the Appliance has been removed from the place of original installation.
4. Obtain HHT's consent to any warranty work before the work is done.

ADDITIONAL INFORMATION. If you would like information on current HEATILATOR products or want to locate a dealer in your area, call 1-800-843-2848.

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