



HEARTH PRODUCTS

# INSTALLATION AND OPERATION MANUAL

## MERIT™ SERIES

### Free-Standing Pellet Stove

Save These Instructions For Future Reference

P/N 775,024M, Rev. D, 05/2009



### Pellet Stove Model Cascade®

A French manual is available upon request. Order P/N 775,024CF.

Ce manuel d'installation est disponible en francais, simplement en faire la demande. Numéro de la pièce 775,024CF.



OMNI-Test Laboratories, Inc.

Report No. 050-S-23-2

This appliance must be properly installed and operated in order to prevent the possibility of a house fire. Please read this entire manual before installation and use of this pellet fuel-burning room heater. Failure to follow these instructions could result in property damage, bodily injury or even death. Contact your local building or fire officials to obtain a permit and information on any installation requirements and inspection requirements in your area.



www.nficertified.org

We recommend that our pellet hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Pellet Specialists or who are certified in Canada by Wood Energy Technical Training (WETT).



### ! WARNINGS



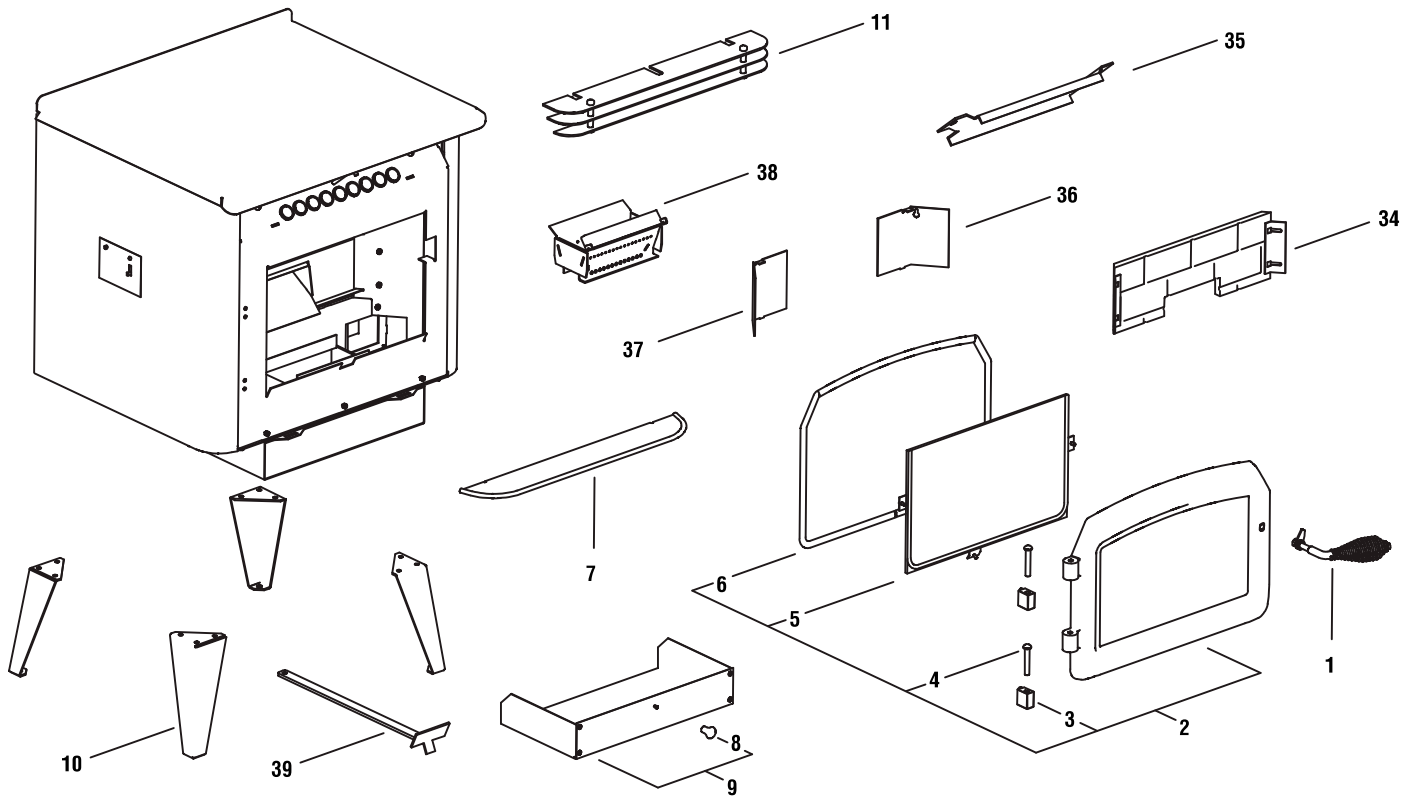
- **Hot! Do not touch!** The glass and surfaces of this appliance will be hot during operation and will retain heat for a while after shutting off the appliance. Severe burns may result.
- Carefully supervise children in the same room as appliance.
- Lennox™ pellet-burning appliances are designed for use as a supplemental heater. They are not intended for continuous use as a primary heat source.

**REPLACEMENT PARTS LIST - CASCADE®**

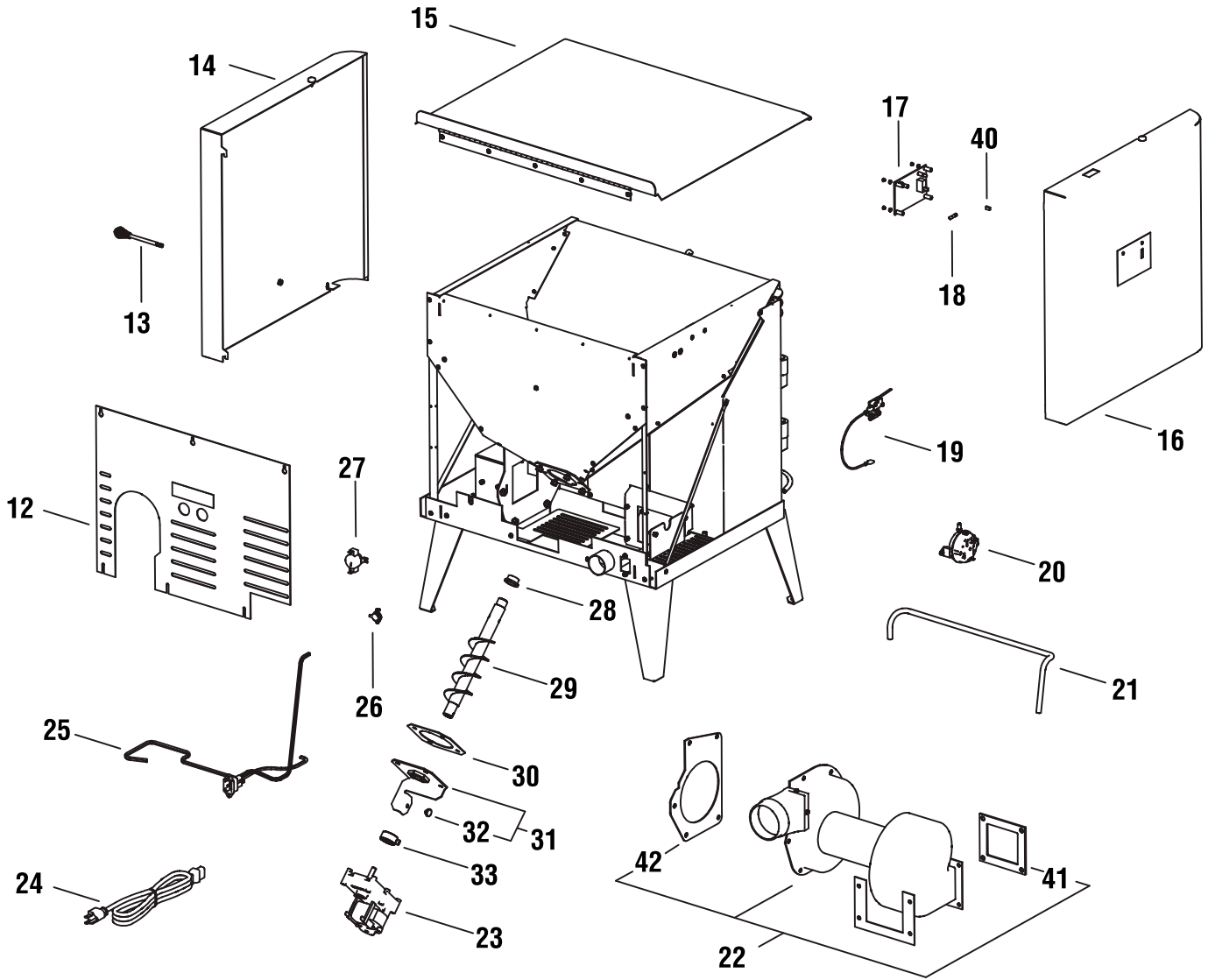
Contact an Authorized Lennox Hearth Products dealer to obtain any of these parts. Never use substitute materials. Use of non-approved parts can result in poor performance and safety hazards.

<b>DOOR PARTS</b>		
<b>Item</b>	<b>Cat. No.</b>	<b>Description</b>
1	17150183	Door Assembly, Black
2	17150086	Door Handle Assembly
3	H7220	Door Hinge Blocks (2 per Pkg)
4	H7219	Door Hinge Pins (2 per Pkg)
5	17150084	Door Glass Kit (Includes clips, screws and gasket)
6	17157100	Gasket Kit, Door and Glass
---	H7714	Glass Clip Top - 17100091
---	H7715	Glass Clip Bottom - 17100013
<b>BODY COMPONENTS</b>		
7	17150046	Ash Lip with Gold Tone Trim,
8	12151412	Knob, Ashpan (6 per Pkg)
9	17152018	Ashpan Assembly
10	17150030	Leg Set (4 per Pkg)
11	17150147	Louver Assembly, Painted
12	H7307	Panel, Back
13	17150029	Damper Rod Assembly, Black (w/ T-Handle)
14	17150164	Panel, Right Side, Painted
15	17150150	Panel, Top (Hopper lid)
16	17150163	Panel, Left Side, Painted
<b>ELECTRICAL PARTS</b>		
17	17150027	Control Board
18	12055908	Fuse, 6 Amp, Fast Acting (12 per Pkg)
19	H7221	Hopper Lid Switch Assembly (1 per Pkg)
20	17150075	Pressure Switch (Hose, 12056003, not included)
21	12056003	Hose, Pressure Switch
22	17140110	Blower Kit, Exhaust and Room Air
23	H5886	Auger Motor
24	H3077	Power Cord
25	H7713	Wiring Harness, 32130
26	12150162	Thermal Switch, High Limit, Room Air Blower Jacket (L190-20F, Bakolite) (3 per Pkg)
27	12150080	Thermal Switch, Low Limit, Fan (F140-10F, Bakolite) (3 per Pkg)
<b>AUGER SYSTEM COMPONENTS</b>		
28	H7070	Bushing, Oilite (2 per Pkg)
29	17150239	Auger Assembly (helix)
30	61050003	Gasket, Auger Endplate (5 per Pkg)
31	17150058	Auger End Plate Assembly (flange)
32	12051001	Auger Bumper Kit (5 per Pkg)
33	12041300	Auger Collar and Screw Kit (3 per Pkg)

FIREBOX PARTS		
Item	Cat. No.	Description
34	17150025	Firebrick Kit
35	H5802	Heat Exchange Baffle
36	H4961	Ash Clean-out Cover, Right
37	H4960	Ash Clean-out Cover, Left
38	16050246	Ultragrate™, Replacement
MISCELLANEOUS PARTS		
39	12055500	Grate Scraper Tool
40	17150028	Knob, Control Board (Slide) (3 per Pkg)
41	61057203	Gasket, Room Air Blower (5 per Pkg)
42	61057210	Gasket, Combustion Blower, 1/8" Lytherm (5 per Pkg)



REPLACEMENT PARTS DIAGRAMS



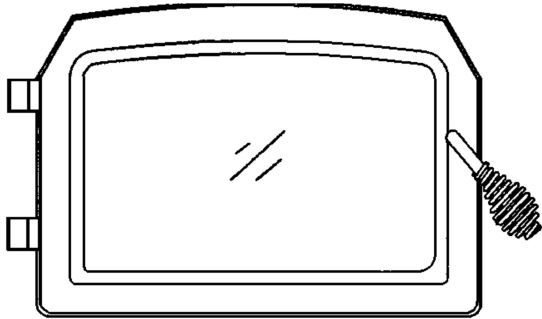
NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE

**OPTIONAL ACCESSORIES**

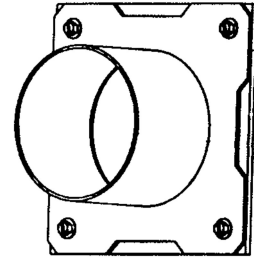
Item #	Catalog #	Model #	Description
1	H0469	DKCA-G	Door Kit, Cascade®, Gold
2	14M80	QDPC – 3	Quick Disconnect Pipe Connector, 3" (ref. Form # 506033-02)
2	12051504		Quick Disconnect Pipe Connector, 4" (ref. Form # 506033-02)
3	12050004		Cleaning Brush (ref. Form # 14720036)
4	70K99	TSPK – B	Touch-up Spray Paint Kit, Metallic Black 12oz Spray Can
	61040040		Gasket, quick Disconnect (10 per Pkg)

*NOTE: The form numbers referenced are the part numbers of the instruction sheets included in kits.*

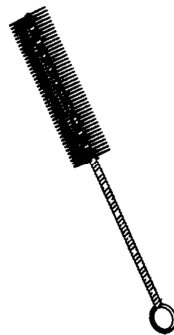
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