



HEARTH PRODUCTS

P/N 875027M Rev. H 06/2011

This manual is part of a set of two supporting this product. Refer to P/N 850026M for Installation Instructions. Ce manuel est disponible en français, simplement en faire la demande. Numéro de la pièce 875027CF.

CARE AND OPERATION INSTRUCTIONS

Montebello® Direct Vent Gas Fireplaces



Table with 2 columns: MODELS and sub-columns for MILLIVOLT and ELECTRONIC. Lists models like LSM40MN-2, LSM45MN-2, etc.



OTL Report No. 116-F-22-5

WHAT'S INSIDE Table of Contents 2 Safety and Your Fireplace 2 FREE Safety Guard Offer (Protects Against Burns) 2 Important Safety Information 4 Attaching the Safety-in-Operation Warnings 5 [EN FRANÇAIS] L'information de sûreté importante 3-4 Apposition des mises en garde relatives à la sécurité d'utilisation 5 [EN ESPAÑOL] Información importante de seguridad 3-4 Colocación de advertencias de seguridad en operación 5



INSTALLER: Leave this manual with the appliance. CONSUMER: Retain this manual for future reference. INSTALLATEUR : Laissez cette notice avec l'appareil. CONSOMMATEUR : Conservez cette notice pour consultation ultérieure.



WARNING / AVERTISSEMENT / AVISO

- HOT GLASS WILL CAUSE BURNS. DO NOT TOUCH GLASS UNTIL COOLED. NEVER ALLOW CHILDREN TO TOUCH GLASS. UNE SURFACE VITRÉE CHAUDE PEUT CAUSER DES BRÛLURES. LAISSER REFROIDIR LA SURFACE VITRÉE AVANT D'Y TOUCHER. NE PERMETTEZ JAMAIS À UN ENFANT DE TOUCHER LA SURFACE VITRÉE. EL VIDRIO CALIENTE CAUSARÁ QUEMADURAS. USTED DEBE NUNCA TOCAR EL VIDRIO CALIENTE. LOS NIÑOS DEBEN NUNCA TOCAR EL VIDRIO.

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or death. - Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. - WHAT TO DO IF YOU SMELL GAS: • Do not try to light any appliance. • Do not touch any electrical switch; do not use any phone in your building. • Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions. • If you cannot reach your gas supplier, call the fire department. - Installation and service must be performed by a qualified installer, service agency or the gas supplier.

AVERTISSEMENT : Assurez-vous de bien suivre les instructions données dans cette notice pour réduire au minimum le risque d'incendie ou d'explosion ou pour éviter tout dommage matériel, toute blessure ou la mort. - Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de cet appareil ou de tout autre appareil. - QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ : • Ne pas tenter d'allumer d'appareil. • Ne touchez à aucun interrupteur. Ne pas vous servir des téléphones se trouvant dans le bâtiment où vous trouvez. • Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur. • Si vous ne pouvez rejoindre le fournisseur de gaz, appelez le service des incendies. - L'installation et l'entretien doivent être assurés par un installateur ou un service d'entretien qualifié ou par le fournisseur de gaz.

Product Reference Information			
Cat. No.	Fireplace Model	Ship. Wt.	Ship. Volume
H4793	LSM40MN-2	261 lb.	45.8 cu. ft.
H4794	LSM40MP-2	268 lb.	45.8 cu. ft.
H4797	LSM40EN-2	307 lb.	57.1 cu. ft.
H4795	LSM45MN-2	307 lb.	57.1 cu. ft.
H4796	LSM45MP-2	307 lb.	57.1 cu. ft.
H4798	LSM45EN-2	307 lb.	57.1 cu. ft.

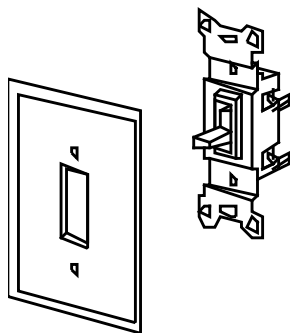
ACCESSORY COMPONENTS



Digital Wall Thermostat

The wall thermostat kit provides temperature control for optimum comfort.

Wall Thermostat, Millivolt		
Cat. No.	Model No.	Description
H4635	DWTK	Wall Thermostat Kit, White



ON/OFF Wall Switch Kit

The ON/OFF wall switch kit may be used to control the operation of the fireplace burner as an alternative to the unit mounted ON/OFF switch. Install the ON/OFF wall switch in a convenient location near the fireplace.

ON/OFF Wall Switch Kit		
Cat. No.	Model	Description
85L87	FWSK	Wall Switch



Standard Remote Control System

The Model RCL (Standard) Remote Control System, features a simplistic OFF/ON control function for the fireplace. This model includes a hand-held transmitter, a remote receiver with wall-mount cover plate and all hardware required to install the unit. The remote receiver can be wall or hearth mounted.

The transmitter has ON and OFF functions that are activated by pressing either button on the face of the transmitter. When a button on the transmitter is pressed, a signal light illuminates briefly to verify that a signal has been sent.

The Model RCL is designed to operate with all millivolt ignition systems, as well as electronic ignition systems. It may be installed with use for either natural gas or propane gas appliances. The RCL offers ease of installation and allows you to execute on-off commands to the fireplace effortlessly with one simple motion.

The Model RCL comes complete with detailed operating instructions.

Remote Control Kit, Standard		
Cat. No.	Model No.	Description
H0249	RCL	Remote Control System (Standard)

(ref. Instruction P/N 750127M)



Flame Modulating Remote Control

Flame Modulating Remote Controls were developed to provide a safe, reliable and user-friendly remote control system for appliances equipped with a Millivolt Gas Valve. A detailed set of instructions are included with each remote.

Flame Modulating Remote Control Kits		
Cat. No.	Model No.	Description
H0301	RCL-MN	Natural Gas
H0302	RCL-ML	Propane Gas

(ref. Instruction P/N 750130M)

- Bag of Glowing Embers
- Bag of Volcanic Stone
- Bag of Vermiculite



Replacement ember material, volcanic stone and vermiculite are available for use with these appliances. Order them to replace materials as part of the periodic maintenance of the appliance.

Firebox Accessories		
Cat. No.	Model	Description
88L53	FGE	Bag of Glowing Embers
80L42	FDVS	Bag of Volcanic Stone
H6319	--	Bag of Vermiculite

(FDVS Instruction P/N 750010M)

Touch-Up Paint Kit

Repair of minor scratches and discoloration of the appliances black painted surfaces may be accomplished with the touch-up paint kit.



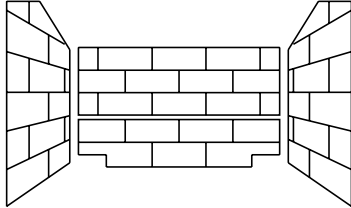
Touch-Up Paint (Black) Kit		
Cat. No.	Model	Description
90L73	FTPK-B	Black Paint Kit

(ref. Instruction P/N 750050M)

ACCESSORY COMPONENTS (continued)

Brick Liner Kits

The brick panel liner kits include ceramic panels of the side and rear walls. The panels have brick-like features in relief.

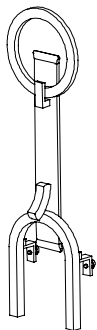


Brick Liner Kits		
LSM40-2		
H2219	BLKR-LSM40	Buff Rustic
H4801	BLK-REDR-LSM40	Red Rustic
H2220	BLKH-LSM40	Buff Herringbone
H4803	BLK-REDH-LSM40	Red Herringbone
H2221	BLKC-LSM40	Red Old Cottage
H2222	BLKB-LSM40	Black
LSM45-2		
H2223	BLKR-LSM45	Buff Rustic
H2224	BLKH-LSM45	Buff Herringbone
H2225	BLKC-LSM45	Red Old Cottage
H2226	BLKB-LSM45	Black
H4802	BLK-REDR-LSM45	Red Rustic
H4804	BLK-REDH-LSM45	Red Herringbone

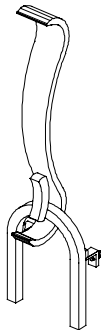
(ref. Instruction P/N 750182M)

Andiron Door Kits

The andiron kits attach to the grate assembly without the use of hardware.



MISSION



CLASSIC

Andiron Door Kits		
Fits Fireplace Models	Catalog No. (Model)	
	Mission	Classic
LSM40-2 & LSM45-2	H2227 (AKM-LSM)	H2228 (AKC-LSM)

(ref. Instruction P/N 750183M)

Log Sets

Choose from two finely crafted log sets with detailing that replicates the natural look of real wood.



Birch Logs

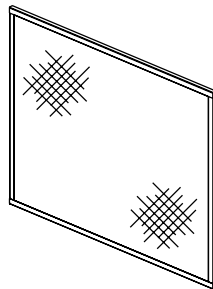


Rustic Oak

Log Sets		
Cat. No.	Model	Description
LSM40-2 and LSM45-2		
H4799	LOG-OAK-LSM-2	Oak Log Set
H4800	LOG-BIR-LSM-2	Birch Log Set

Barrier Screen Kits

These Barrier Screen Panel kits can be installed on the glass enclosure panel to help prevent direct human contact with the hot glass surface.

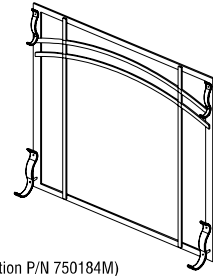


Barrier Screen Kits		
Cat. No.	Model	Description
LSM40-2		
H4805	BSK40	Barrier Screen
LSM45-2		
H4806	BSK45	Barrier Screen

(ref. Instruction P/N 750184M)

Dual Arch Screen Kits

These Dual Arch screen kits can be installed on the glass enclosure panel to help prevent direct human contact with the hot glass surface.

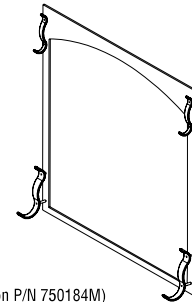


(ref. Instruction P/N 750184M)

Dual Arch Screen Kits		
Cat. #	Model	Description
H5051	DASK-LSM40-2	Dual Arch Screen
H5054	DASK-LSM45-2	Dual Arch Screen

Arch Screen Kits

These Arch Screen kits can be installed on the glass enclosure panel to help prevent direct human contact with the hot glass surface.

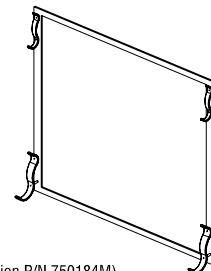


(ref. Instruction P/N 750184M)

Arch Screen Kits		
Cat. No.	Model	Description
H5053	ASK-LSM40-2	Arch Screen Kit
H5056	ASK-LSM45-2	Arch Screen Kit

Classic Screen Kits

These Screen kits can be installed on the glass enclosure panel to help prevent direct human contact with the hot glass surface.



(ref. Instruction P/N 750184M)

Classic Screen Kits		
Cat. No.	Model	Description
H5052	SK-LSM40-2	Classic Screen Kit
H5055	SK-LSM45-2	Classic Screen Kit

REPLACEMENT PARTS LIST

Item No.	Description	LSM40-2		LSM45-2	
		Cat. No.	Qty.	Cat. No.	Qty.
1	Brick Liner Kit (a) - Buff Rustic	H2219	1	H2223	1
	Brick Liner Kit (b) - Red Rustic	H4801	1	H4802	1
	Brick Liner Kit (c) - Buff Herringbone	H2220	1	H2224	1
	Brick Liner Kit (d) - Red Herringbone	H4803	1	H4804	1
	Brick Liner Kit (e) - Red Old Cottage	H2221	1	H2225	1
	Brick Liner Kit (f) - Black	H2222	1	H2226	1
2	Door Modesty Shield	H4808	1	H4809	1
3	Log Set (Oak)	H4799	1	H4799	1
3	Log Set (Birch)	H4800	1	H4800	1
4	Enclosure, Glass Door	H2281	1	H2282	1
5	Spring Latch Assembly	H2274	2	H2274	2
6	Burner Assembly	H4817	1	H4817	1
7	Venturi	H1428	1	H1428	1
8	Gasket - Venturi	43K85	1	43K85	1
9	Access Plate	H2277	1	H2277	1
10	Screen Rod	H2278	1	H2279	1
11	Screen	H1427	2	H1169	2
12	Gasket, Access Plate	H1452	1	H1452	1
13	Gas Line Tubing	H2283	1	H2284	1
14	Connector, Male	H2285	1	H2285	1
15	Orifice, Natural Gas	H2286	1	H2288	1
15	Orifice, Propane Gas	H2287	1	H4816	1
16	Bag of Rockwool	88L53	1	88L53	1
17	Grate Assembly	H4907	1	H4907	1
18	On/Off Control Switch	80L41	1	80L41	1
19	Gas Line, Flexible Connection	93L32	1	93L32	1
20	Modesty Panel, Right Side	H3371	1	H3372	1
21	Modesty Panel, Left Side	H3373	1	H3374	1
22	Floor Panel	H3369	1	H3370	1
23	Bag of Volcanic Stone (lava rock)	80L42	1	80L42	2
24	Bag of Vermiculite	H3696	1	H3696	1
25	Barrier Screen Panel	H4805	1	H4806	1

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.

Gas Controls - SIT Millivolt					
Item No.	Description	Natural		Propane	
		Cat. No.	Qty.	Cat. No.	Qty.
30	Gas Valve, SIT, Millivolt	43K07	1	88J53	1
31	Piezo Igniter	10K86	1	10K86	1
32	Pilot Assembly	H2291	1	H2292	1
33	Pilot Generator	H2294	1	H2294	1
34	Thermocouple	H2295	1	H2295	1
35	Pilot Tube	H2296	1	H2296	1
36	Electrode and Cable	H2297	1	H2297	1

Gas Controls - SIT Electronic					
Item No.	Description	Natural Gas		Propane Gas	
		Part No.	Qty.	Part No.	Qty.
**	Gas Train Assembly Electronic LSM40EN	H4190	1	See Note ①	1
**	Gas Train Assembly Electronic LSM45EN	H4193	1	See Note ①	1
40	Gas Valve, SIT	99K88	1	99K89	1
41	Pilot Assembly	H2298	1	See Note ②	1
42	Transformer	42J32	1	42J32	1
43	Ignition Module (with wire harness)	H1167	1	H1167	1

① If a propane gas train assembly is needed, order catalog number H4190 (for model LSM40-2) or H4193 (for model LSM45-2), NG gas train assembly as well as conversion kit, cat. no. H3238 (for model LSM40-2) or H4813 (for model LSM45-2)

② If a propane gas pilot assembly is needed, order H2298 (NG pilot assembly) as well as conversion kit, cat. no. H3238 (for model LSM40-2) or H4813 (for model LSM45-2)

WARNING

Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

AVERTISSEMENT

Risque de dommages ou de blessures si les pièces ne sont pas installées conformément à ces schémas et ou si des pièces autres que celles spécifiquement approuvées avec cet appareil sont utilisées.

REPLACEMENT PARTS

