NOTE: When installed in areas with continuous temperatures below $-18^{\circ}C(0^{\circ}F)$, the use of external chimneys may result in operational problems such as poor draft, excessive condensation of combustion products and rapid accumulation of creosote. Under these circumstances, the installation of the chimney within the building (within the house envelope) is strongly recommended. Better chimney and appliance operation will be obtained if the chimney is located entirely inside the heated part of the building (except of course for the part above the roof).

If the chimney must be installed on an exterior wall it is recommended that the chimney be enclosed below the roof line to protect the chimney from cold outdoor temperatures, this may improve draft and appliance operation. Exterior enclosures may be insulated, maintaining the required minimum air space clearances of 50mm (2") to the chimney. Consult local building codes for cold climated applications.

CAUTION: EACH APPLIANCE SHOULD HAVE ITS OWN CHIMNEY. DO NOT CONNECT THIS UNIT TO A CHIMNEY FLUE SERVING ANOTHER APPLIANCE.

Maintain a 50mm(2") minimum clearance (air space) between the chimney and combustible materials.

CAUTION: KEEP COMBUSTIBLE MATERIAL AT LEAST 48 INCHES (4 FEET) AWAY FROM THE FRONT OF THE FIREPLACE

In order to eliminate possible hazardous conditions, an adequate supply of air must exist in the room. An air valve assembly is included with your fireplace. Connect the outside air kit (optional) to the air valve assembly to ensure an adequate air supply exists.

WARNING: THE OUTSIDE AIR KIT MUST BE INSTALLED ON THE HE-40 FIREPLACE

Please read the instruction carefully and retain this manual for future references.

CAUTION: DO NOT USE GASOLINE, KEROSENE, CHARCOAL LIGHTER FLUID OR SIMILAR LIQUIDS TO START A FIRE IN THIS FIREPLACE.

CAUTION: YOUNG CHILDREN SHOULD BE SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE FIREPLACE

WARNING: THIS FIREPLACE HAS NOT BEEN TESTED WITH AN UNVENTED GAS LOG SET. TO REDUCE THE RISK OF FIRE OR INJURY, DO NOT ATTEMPT TO INSTALL ONE INTO THIS FIREPLACE. TO DO SO MAY RESULT IN AN UNSAFE INSTALLATION.

The doors must be closed and latched during operation. An optional firescreen must be installed if the doors are to be left fully opened. Leaving the door partly open may allow for smoke being drawn into the room.

WARNING: IF THE FIREPLACE IS OPERATED WITH DOORS FULLY OPENED THE OPTIONAL FIRESCREEN MUST BE INSTALLED

CAUTION: USE ONLY SELKIRK GLASS DOORS AND FIRESCREEN FOR THE HE40

FIREPLACE INSTALLATION

LOCATING THE FIREPLACE

Select the fireplace location taking into consideration such things as room size, traffic patterns, location of doors and windows, chimney location, and required clearances to sidewalls (See Figure 1). With proper planning, slight adjustments now can save considerable time and expense later.

Be very careful around electrical wiring and be sure it is secured at least 50mm (2") away from any part of the chimney. If wiring must be relocated, hire a certified electrician. As an alternative, you may wish to offset the chimney, or move the fireplace to another location.



HEARTH EXTENSION

FIGURE 1

The HE40 must be installed on a level surface capable of supporting the fireplace and the chimney. The weight of the fireplace is approximately 438 lbs. Usually, no additional flooring support is needed for the fireplace. Consult your local building code to determine if additional support is needed.

Make sure that the chimney will not intersect a structural member when passing through a ceiling, roof or floor. If the chimney is going to intersect a structural member, either offset the chimney, or move the fireplace so the structural integrity of the house will be maintained.

When installing the outside air kit, consideration must be taken as to where the outside air duct will be installed.

FIREPLACE AND HEARTH INSTALLATION

Your Selkirk Fireplace has been designed to be placed directly on a flat combustible floor (i.e., Plywood). Special support structures may be required where the weight of masonry used on a raised hearth or facing exceeds the floor loading allowed by local building codes.

Once the fireplace and chimney installation locations have been chosen, remove any combustible materials such as carpeting or vinyl floors from where the fireplace will be positioned. An area for the hearth extension must also be removed 268mm (10-1/2") on both sides of the fireplace opening and 460mm (18") in front of the fireplace (See figure 1).

The standoff spacers incorporated onto the unit establishes clearances to the fireplace on the sides, back and top. If insulation or vapor barriers are exposed, they must be covered with a suitable building material (i.e. Drywall, Plywood) to ensure proper clearances are maintained. Do not fill the spaces around the fireplace with blown or fill type insulation.



The hearth extension can be made of slate, brick, marble, tile or similar non-combustible material. If the hearth extension is thicker than 25mm(1"), then a continuous wooden pad or platform is required to raise the fireplace to suit the

thickness of the hearth extension. If a raised hearth extension is desired, then the whole fireplace again must be raised accordingly.

DO NOT BLOCK THE CIRCULATING AIR INLET OR THE COMBUSTION AIR CONTROL HANDLE.

In order to minimize the possibility of a fire caused by hot ashes falling between the hearth extension and the fireplace, a sheet metal sealer strip must be installed and used as shown in figure 2a and 2b.

Move the fireplace into its final position, once in place secure the fireplace to the floor through the nailing flange with screws or nails.

OUTSIDE AIR KIT INSTALLATION

During operation, the fireplace requires air for combustion and draws air out of the house. It may affect the performance of other appliances such as gas or oil furnaces, exhaust fans and fan driven appliances. This may cause a negative pressure in the house allowing smoke to back into the home. To avoid cancellation of warranties and/or possible cause of internal fires, we have made the installation of the Outside Air Kit mandatory.

WARNING: THE OUTSIDE AIR KIT MUST VENT AND TERMINATE TO THE OUTSIDE ONLY. DO NOT INSTALL THE HOOD ASSEMBLY IN A GARAGE, CARPORT, ATTIC, OR BASEMENT.

The air valve assembly has been shipped with the fireplace, and has been designed to be installed on the left-hand side of the fireplace (See figure 3a).

The maximum length approved for the aluminum flexible air duct is 4.9m(16ft.) of which 3m(10ft.) may be vertical above the fireplace. The hood assembly may be above or below floor level.

Ensure that your air source is not close to automobile exhaust, gas meters or other vents, or possible snow blockage.

Locate a position in the outside wall to install the hood assembly; ensuring the duct is long enough. Cut a hole through the outside wall approximately 83mm(3-1/4") in diameter and install the hood assembly (opening facing down) to the exterior wall. Fasten the hood to the wall with screws and seal with a suitable caulking (See Figure 3b). To maintain a continuous vapor barrier, a bead of silicone sealant should be applied to the interior wall prior to sliding the cover plate over the hood stub.

At both ends, carefully pull back the insulation and plastic cover, exposing the flexible duct. Fasten to inlet and the fireplace air valve stub with the clamps provided. Carefully pull back the insulation and plastic cover back over the duct. Tape the plastic cover in place with aluminum duct tape (not supplied). This will help in providing stable and regular airflow into the HE40 fireplace.



ENCLOSING THE HE40

The fireplace framing and enclosure can be finished using a material of your choice (2X3 or 2X4 studs, plywood, gyproc, etc). Figure 4 shows the minimum framing dimensions.





1018mm FIGURE 4

NOTE: FIREPLACE ENCLOSURE ABOVE THE FIREPLACE MUST HAVE A MINIMUM HEIGHT OF 1016MM(40"). DO NOT BUILD INTO OR PLACE ANY ITEMS INTO THIS SPACE.

When framing the fireplace, apply the header on edge as to maintain all required clearances and also to provide support for the facing or mantel. Framing material must not be closer to the fireplace than the standoffs on the fireplace top, side and back.

For the minimum framing dimension for a 45° corner installation see Figure 5. For general dimension of the HE40 see Figure 6.





Non-combustible materials may be used to finish the surround of the fireplace. When using a non-combustible material, a fire stop must be installed either above or below the surround so that hot air does not radiate behind the brick facing and cause combustibles to overheat.



NOTE: WHEN FINISHING THE FIREPLACE, NEVER OBSTRUCT OR MODIFY THE AIR INLET/OUTLET GRILLES