

Installation, Operation and Maintenance Manual

LES FOYERS

DON-BAR

FIREPLACES



INSERTS

Les foyers DON-BAR Fireplaces, inc.
Shop and Showroom: 741, St-Vallier Ouest, Quebec (Quebec) G1N 1E2
Phone: (418) 686-9114 - Fax: (418) 686-9117
Website: www.don-bar.com - Email: don-bar@don-bar.com

LES FOYERS

DON-BAR

FIREPLACES

Installation, Operation, and Maintenance Manual

The manual is divided into 5 parts:

PART 1: Installation	Page 3
PART 2: Operation and Maintenance....	Page 15
PART 3: Parts List	Page 22
PART 4: Chimney Fires	Page 23
PART 5: Warranty	Page 24

1. Important notice**2. Listed chimney liners**

2.1 Approved chimney liners

3. Before beginning the installation

- 3.1 Inspection of the existing hearth
- 3.2 Chimney sweeping
- 3.3 Cleaning and painting the existing hearth
- 3.4 Cleaning the ash shaft
- 3.5 Existing hearth minimum dimensions
- 3.6 Chimney minimum height

4. Chimney liner installation

- 4.1 Chimney liner required
- 4.2 Manufacturer's instructions
- 4.3 Chimney throat too narrow for the liner
- 4.4 Jointing the liner sections
- 4.5 Watertight flashing
- 4.6 Chimney top

5. Insert installation

- 5.1 Putting the insert in place
- 5.2 Air space for the optional basement fan
- 5.3 Jointing the liner to the insert adaptor
- 5.4 Bolting the insert adaptor
- 5.5 Last adjustments

6. Fan installation (optional)

- 6.1 Fan installation

7. Exterior air intake installation (optional)

- 7.1 Exterior air intake with raised base
- 7.2 Outside hood

8. Finishing frames installation

- 8.1 Flat and ventilated frames

9. Floor protection installation

- 9.1 Non-combustible floor protection

10. Combustible mantel

- 10.1 Required clearances

11. Anti-smoke flap (optional)

- 11.1 Anti-smoke flap installation

12. Interior deflector installation (optional)

- 12.1 Interior deflector installation

13. Installation in a large-sized hearth

- 13.1 Non-combustible materials
- 13.2 Metal framing
- 13.3 Insert must be removable
- 13.4 Non-combustible finishing materials

14. Lateral clearances

- 14.1 Lateral clearances to combustible walls

PART 1: INSTALLATION

1. IMPORTANT NOTICE

WARNING: Any modification, change, or substitution of any fireplace component and/or not following the installation, operation, and maintenance instructions can void the warranty and put your security at risk.

1.1 DO NOT INSTALL THIS INSERT INTO A ZERO-CLEARANCE INSULATED PREFABRICATED FIREPLACE: Your insert is designed to be installed only inside a traditional solid masonry fireplace. If it is installed in an insulated zero-clearance fireplace, the high temperatures produced by the insert can cause a fire.

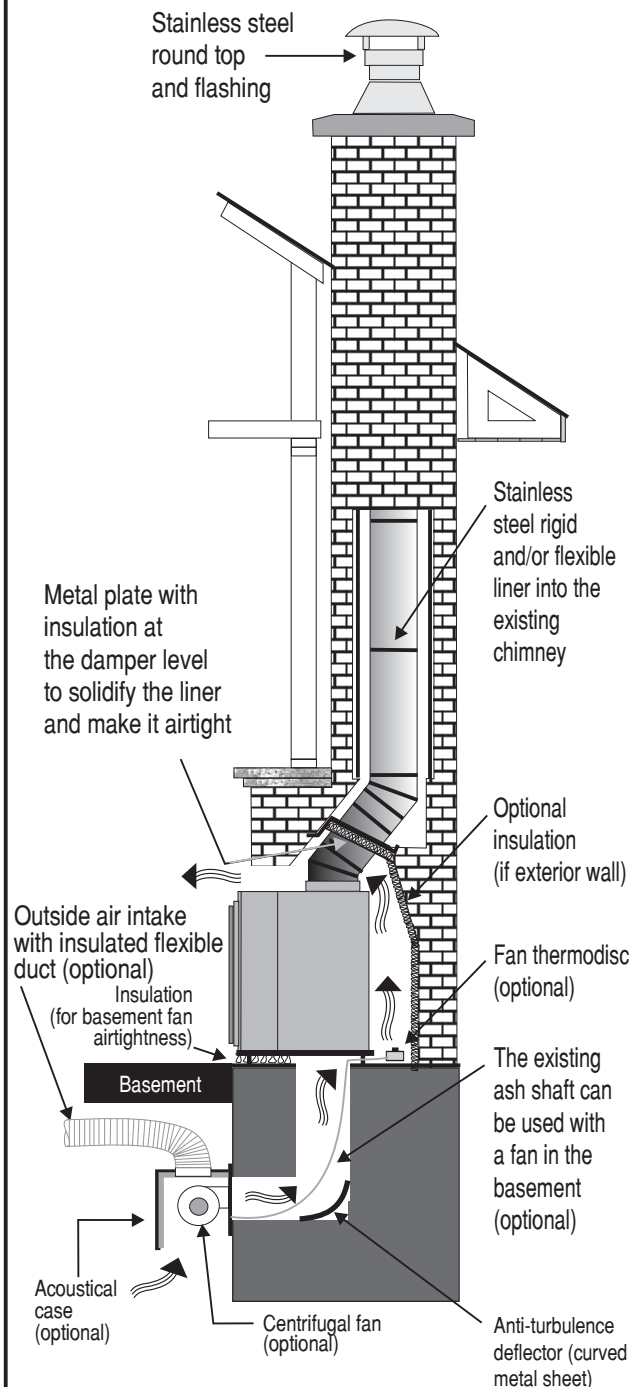
1.2 Before installation begins, carefully read the manual and contact your local building department to determine whether a building permit is required to install a fireplace.

1.3 The installation must follow the instructions in this manual and local building codes. If there is a conflict, you must follow the more restrictive measures.

1.4 Your insert can be installed by anyone who has basic carpentry skills. If you are not sure if you can do the work yourself, don't hesitate to enlist the services of a professional fireplace fitter.

1.5 Before lighting your first fire, read the instructions in Part 2 regarding operating the fireplace.

Typical installation inside an existing masonry fireplace (with a rigid liner)



DRAWING 1

2. Listed chimney liners

2.1 Approved chimneys liners: Your Don-Bar insert is designed to be installed with any rigid or flexible stainless steel chimney liner bearing the ULC label S-635 (2100 degrees). For liner diameters, see Page 14.

3. Before beginning the installation

3.1 Inspection of the existing hearth: Before beginning the installation, inspect the existing fireplace hearth to be sure that it is in good condition. Strengthen any loose or unstable part.

3.2 Chimney sweeping: Sweep the existing chimney. Don't forget the smoke shelf.

3.3 Cleaning and painting the walls of the existing hearth: First, brush the walls of the existing hearth to remove all the loose soot particles. This will prevent your home from being soiled by the circulation of the air around the insert. Next, apply a coat of black stove paint to seal the surfaces and make the colour of the walls uniform because they may remain visible around the insert.

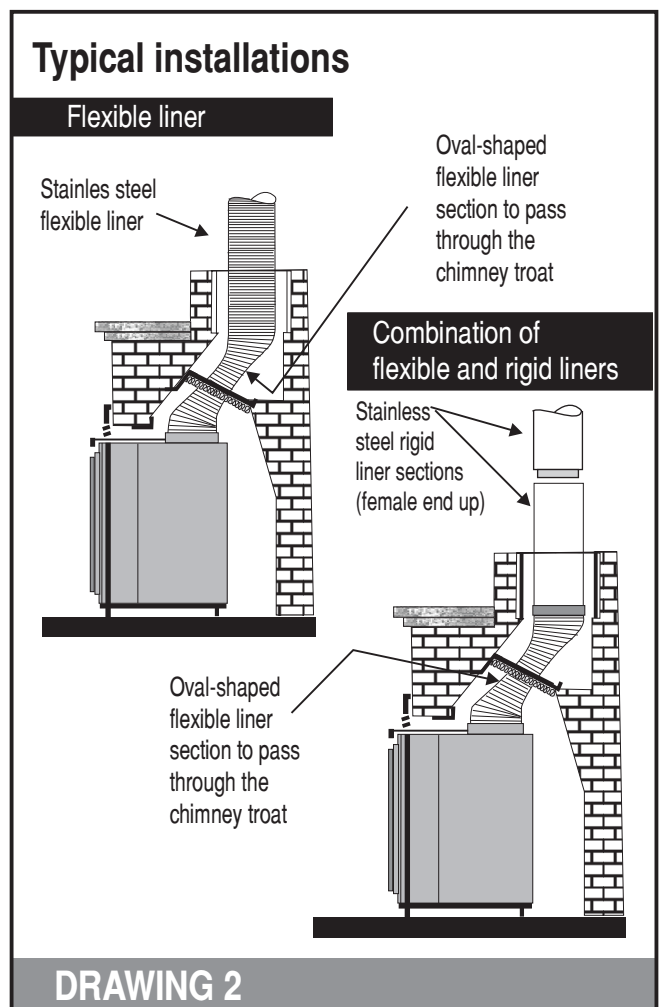
3.4 Cleaning the ash shaft: If the ash shaft is to be used as a duct for an optional fan installed in the basement, be sure to clean it first. (*Drawing 1*).

3.5 Existing hearth minimum dimensions: Use the dimensions indicated in the tables on the Page 14 and comply with the following requirements: On the top and at the rear, provide a continuous 1" (25 mm) air space for air circulation. On the sides, allow a minimum 1/2" (12 mm) air space for expansion.

3.6 Chimney minimum height: 15 feet (4600 mm) for easy operation. This height is measured from the floor where the insert is installed to the top of the chimney.

4. Chimney liner installation

4.1 Chimney liner required: It is mandatory to connect your insert to a ULC-listed stainless steel chimney liner (flexible, rigid or a combination of the two). The liner must be continuous from the insert to the top of the chimney.



4.2 Manufacturer's instructions: The installation must follow the instructions in this manual and the chimney liner manufacturer's instructions. If there is a conflict, you must follow the more restrictive measures.

4.3 Chimney throat too narrow for the liner: If the chimney throat is too narrow to permit the passage of the liner there are two solutions:

1. Cut a hole of the required diameter in the chimney throat to allow for the passage of the liner.
2. Use a flexible liner section and make it oval so that it can pass through the chimney throat.

4.4 Jointing the liner sections: Always fix the liner sections together with the female end up. This way the condensation water will drip inside the liner, not outside.

4.5 Watertight flashing: Install a metal roof flashing at the top of the chimney. Seal the joint between the chimney and the flashing.

4.6 Chimney top: Install a chimney round top at the end of the chimney.

5. Insert installation

5.1 Putting the insert in place: There are three ways to install the insert in a masonry hearth:

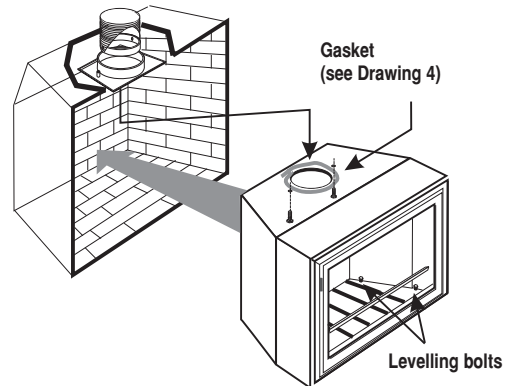
1. Installation directly on the hearth floor (Drawing 3A): If the floor of the hearth is sound and level, simply slip the insert inside the hearth. Adjust the level with the four levelling bolts located at each corner under the insert.

2. Installation of the optional levelling plate (Drawing 3B): Put the levelling plate on the hearth floor and adjust its level with the four (4) levelling bolts. Secure the plate in place on the floor with expansion bolts to prevent

Insert installation

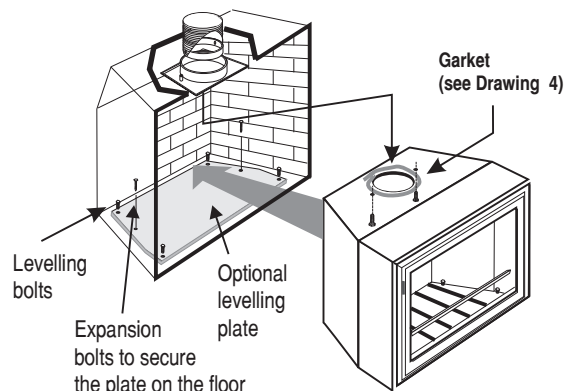
A Installation directly on the floor (without the levelling plate)

Choose this method if the hearth floor is sound and the height limited



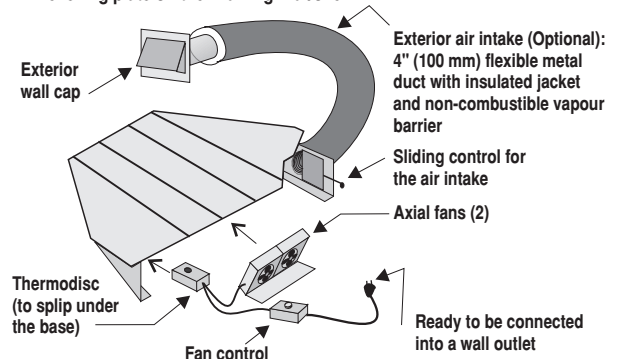
B Installation with the levelling plate

Choose this method if the hearth floor is not in good condition or if the hearth is too high



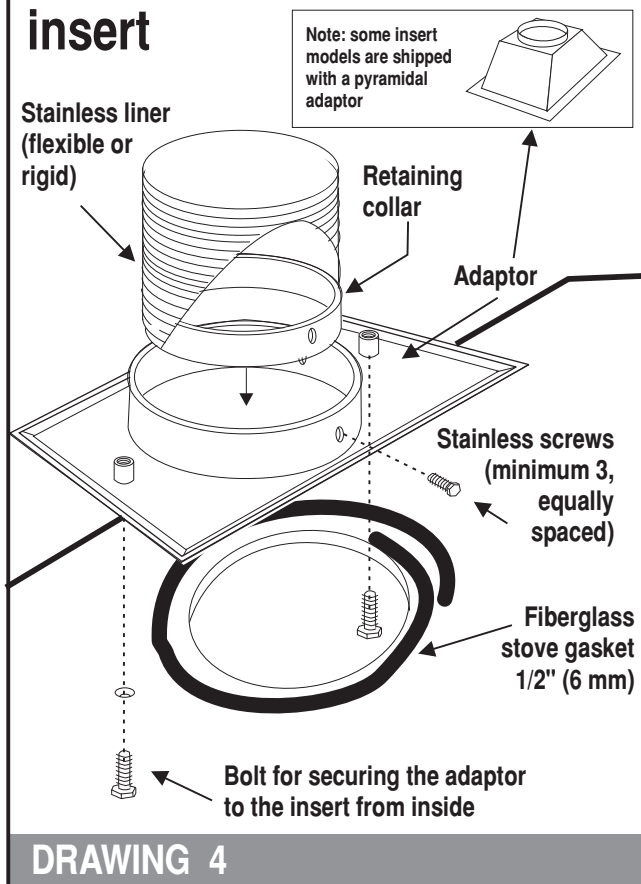
C Installation with the raised base

Choose this method to raise the insert, or when an exterior air intake and/or a base fan are needed. The raised base then replaces the levelling plate of the Drawing B above.



DESSIN NO 3

Securing the liner to the insert



slipping (*Drawing 3B*).

3. Installation with the raised base: The raised base is used to increase the height of the insert in the existing hearth, and is also required when installing an exterior air intake and/or base fan. Put the raised base in the hearth, adjust the levelling bolts, and secure it in place (*Drawing 3C*).

5.2 Air space for the optional basement fan: If the existing ash shaft is to be used as an air duct for a centrifugal fan installed in the basement (*Drawings 1 and 5C*), don't forget to fill the gap under the levelling plate with insulation in order to block the outflow of the air under the front of the insert (*Drawing 1*).

5.3 Jointing the liner to the insert adaptor: Secure the chimney liner to the insert adaptor with the provided collar. The liner must be sandwiched between the collar and the insert adaptor. As indicated, use at least three (3) stainless steel screws to firmly secure these parts together (*Drawing 4*). The 98-78 and 98-87 models, and the corner and see-through inserts are shipped with a special pyramidal adaptor.

5.4 Bolting the insert adaptor: Firmly secure the insert adaptor to the insert top with the two (2) specially provided bolts.

5.5 Last adjustments: Slip the insert into the hearth and adjust its position. No securing is necessary. The insert's weight is sufficient to maintain it in place.

6. Fan installation (optional)

6.1 Fan installation: There are three methods for installing a fan to increase the heating power of the insert:

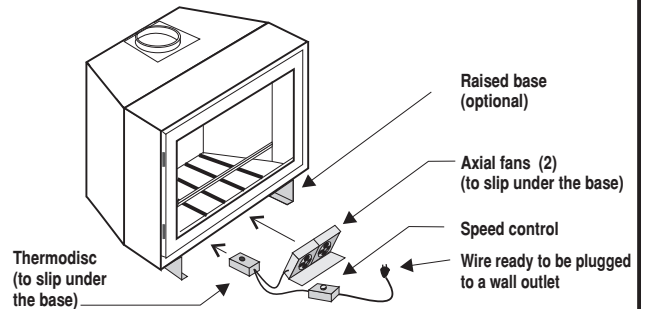
1. Fan under the raised base (*Drawing 5A*): This kit is shipped with a thermodisc and a speed control switch. The kit comes complete with an electrical plug ready to be connected to a wall outlet. Just tilt the fan at the required angle and slip it (with the thermodisc) under the base. No securing required.

2. Side fans (*Drawing 5B*): This fan kit includes a thermodisc and a speed control switch ready to be plugged into any electrical outlet. Just put the fans on each side of the insert then adjust the tilt to the required angle. Also insert the thermodisc inside the hearth. No securing required.

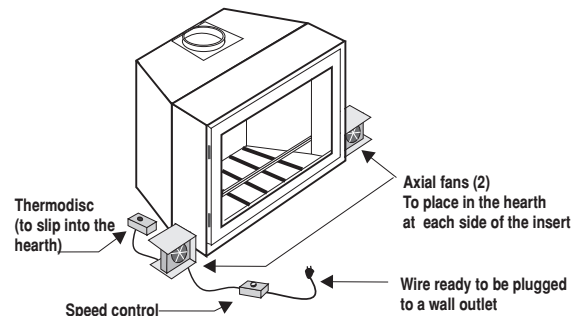
3. Basement fan (Drawing 5C): For maximum ventilation power, it is possible to use the existing ash shaft (if any) as an air duct for a centrifugal fan installed in the basement. In this case, it is important to allow a minimum 1" (25 mm) air space under the insert for the thermodisc wiring. It is also important to install an anti-turbulence deflector in the 90 degrees elbow at the bottom of the ash shaft. The fan is shipped with a thermodisc (to be installed in the hearth, as indicated) and an acoustical case designed to receive an optional exterior air intake duct. **Before turning the fan to ON, don't forget to thoroughly clean the ash shaft and the existing hearth.**

Fan installation (fans are optional)

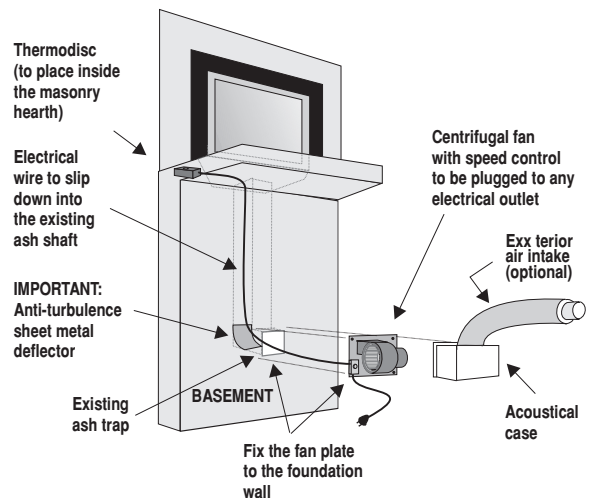
A Fans under the raised base assembly



B Side fans

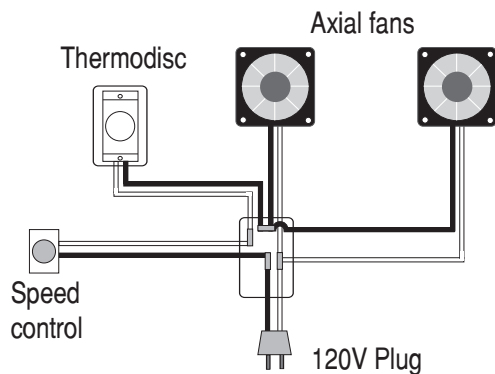


C Basement fan

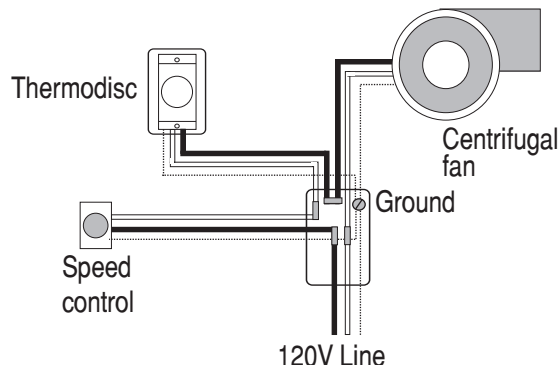


DRAWING 5

Electrical wiring of the axial fans illustrated in Drawings 5A and 5B

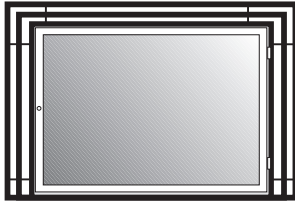


Electrical wiring of the centrifugal fan illustrated in Drawing 5C

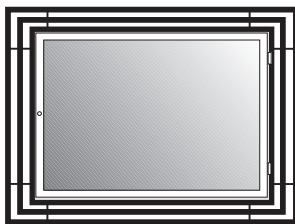


Frames and trims

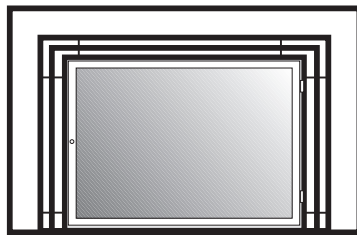
Ventilated frame (2 louvres on 3 sides)



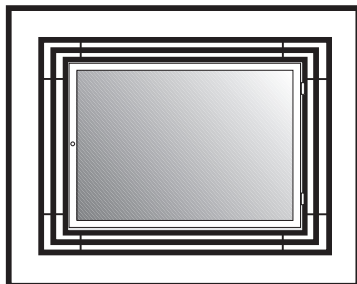
Ventilated frame (2 louvres on 4 sides)



Ventilated frame (2 louvres on 3 sides) plus a flat frame on 3 sides



Ventilated frame (2 louvres on 4 sides) plus a flat frame on 4 sides



NOTE: other models available on request

DRAWING 6

7. Exterior air intake installation

7.1 Exterior air intake with raised base (Drawing 3C): The exterior air intake is optional with the raised base assembly. Its installation requires the drilling of a 4" (100 mm) diameter hole in one of the walls of the existing masonry hearth. For the air intake, use only a flexible aluminum duct with a non-combustible insulated jacket. **WARNING: Do not use ducts made of plastic materials, because the heat generated by the insert will rapidly melt them.**

7.2 Outside hood: Install an exterior hood fitted with a screen. Seal the joint where the insulated duct passes through the masonry wall, inside and outside.

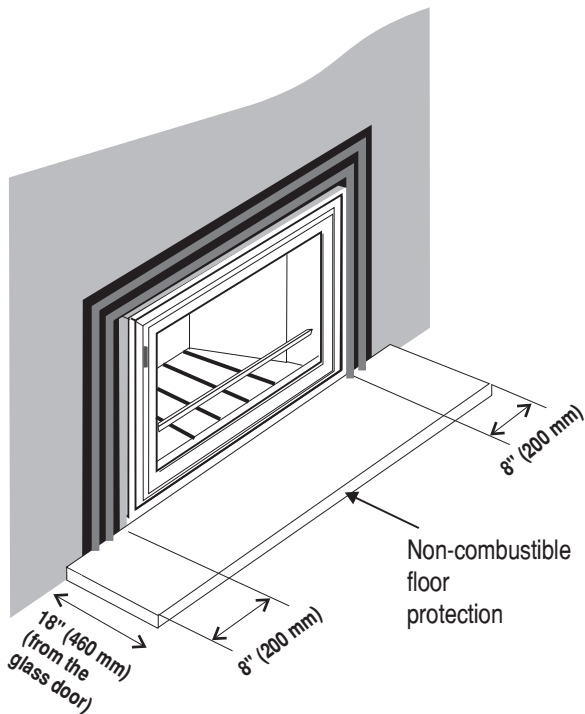
8. Finishing frames installation

8.1 Flat and ventilated frames (Drawing 6): To install the flat and ventilated frames (three or four sides) just slip them into place on the insert. Many arrangements are possible (See *Drawing 6* for all possible combinations). **Please note that a ventilated air space (2" on top - 1/8" on each side) is always required if a finishing frame is not installed.**

9. Floor protection installation

9.1 Non-combustible floor protection: A non-combustible protection must be placed in front of the fireplace to protect the floor from falling embers. The floor protection must extend at least 18" (460 mm) in front of the insert door and 8" (200 mm) on each side. If necessary, extend the existing floor protection to comply with this

Non-combustible floor protection



DESSIN NO 7

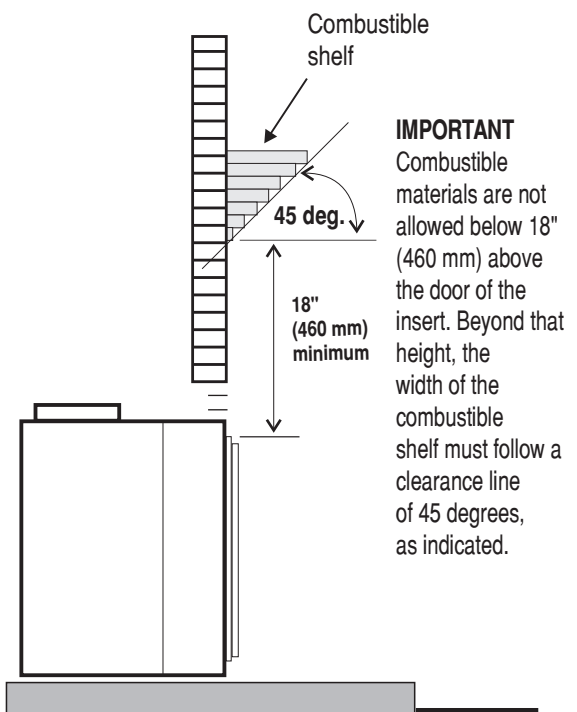
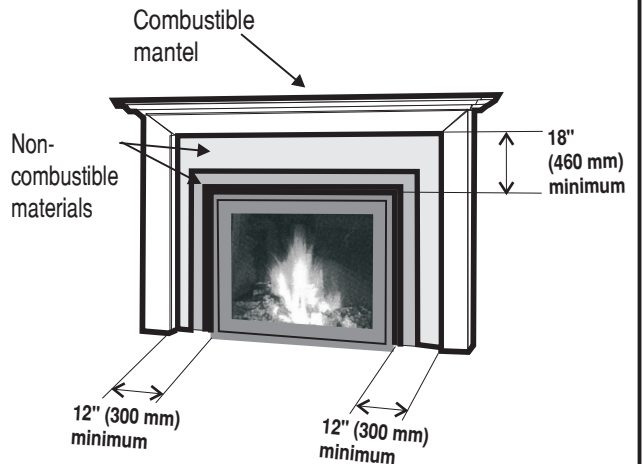
requirement. Floor protection may consist of:

- a) Stone tiles or slabs (marble, granite, slate, etc.) or ceramic at least 3/8" (8 mm) thick, secured in place;
- b) Concrete or terra-cotta brick, secured in place;
- c) For temporary floor protection, a sheet of metal of at least 0.015" (0,38 mm) thickness or a non-combustible composite cement board (Durok type) of at least 3/8" (10 mm) thickness may be used.

10. Combustible mantel

10.1 Required clearances: See *Drawing 8* for the required minimum clearances if a combustible fireplace mantel is to be installed.

Required clearance for a combustible fireplace mantel



IMPORTANT
Combustible materials are not allowed below 18" (460 mm) above the door of the insert. Beyond that height, the width of the combustible shelf must follow a clearance line of 45 degrees, as indicated.

DRAWING 8

11. Anti-smoke flap

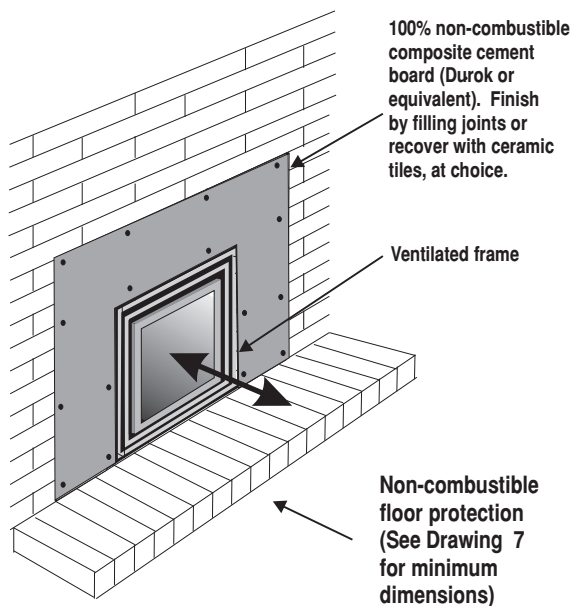
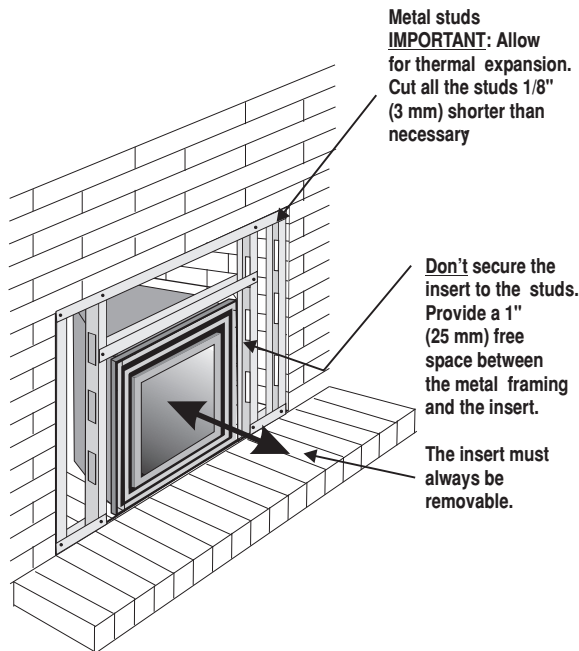
11.1 Anti-smoke flap (optional): This part is used when the flue draught is not sufficient or when there is a negative pressure in the house. The anti-smoke flap will prevent the smoke from spilling into the room when the insert door is

opened. For installation details, see *Drawing 26*.

12. Interior deflector installation

12.1 Interior deflector (optional): See *Drawing 27* for details.

Framing a large-sized hearth



DRAWING 9

13. Installation in a large-sized hearth

13.1 Non-combustible materials (*Drawing 9*): Use only 100% non-combustible materials to reduce the area of an over large hearth. When in doubt, don't hesitate to contact Don-Bar.

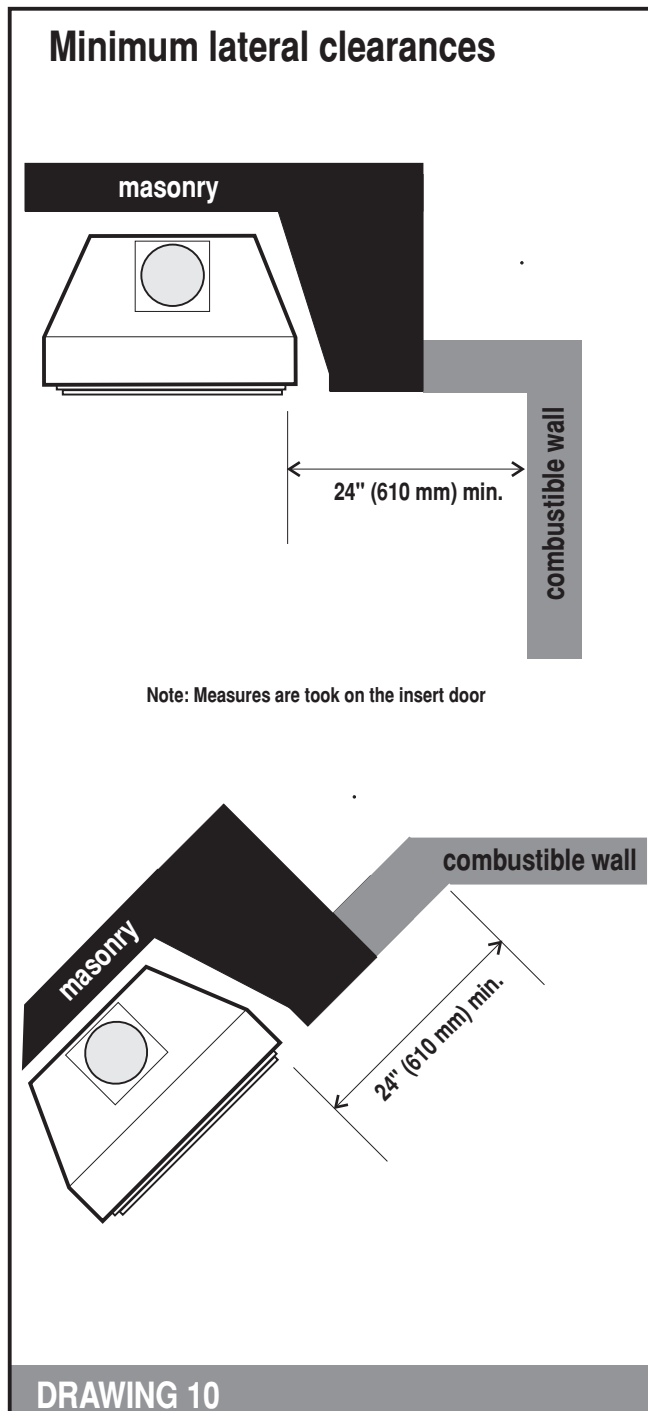
13.2 Metal framing: Use only metal studs to frame the hearth. Allow for thermal expansion by cutting all studs 1/8" (3 mm) shorter than necessary.

13.3 Insert must be removable: The insert must always be easily removable from the hearth. Provide a 2" (50 mm) free space between all metal studs and the ventilated finishing frame. Do not secure metal studs to the insert or to its finishing frame.

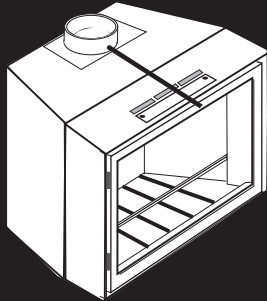
13.4 Non-combustible finishing materials (*Drawing 9*): Use only 100% non-combustible composite cement boards (Durok or equivalent). Fill the joints or cover the boards with ceramic tile.

14. Lateral clearances

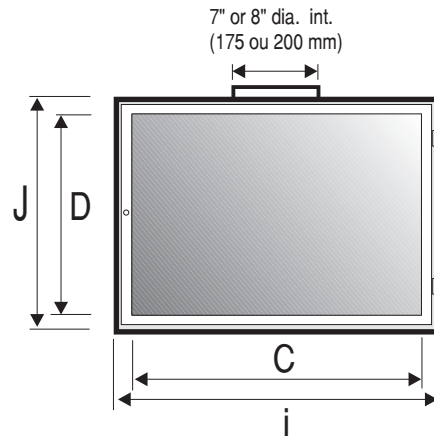
14.1 Minimum clearances to lateral walls:
Follow the indications of *Drawing 10* when the insert is installed near a combustible wall..



INSERT

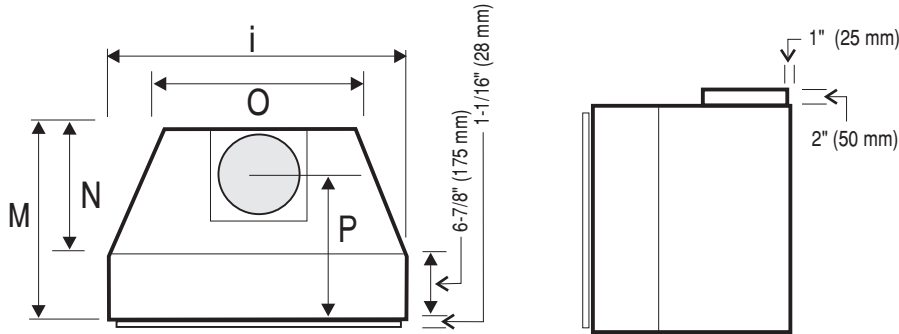
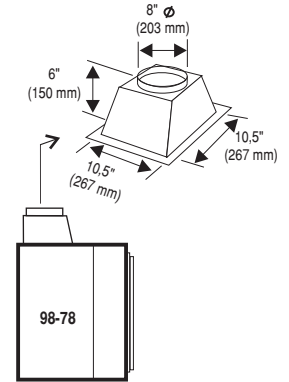


No scale



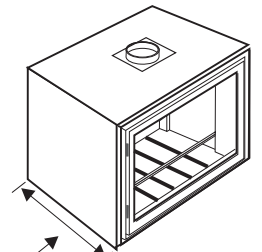
Pyramidal adaptor for the 98-78S and the See-Through models (option)

Note: A 10" adaptor is also available on request

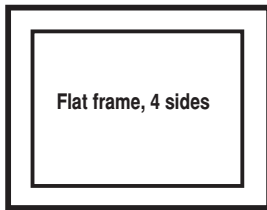


Optional frame and trims

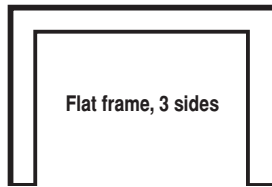
See-Through S-Series version also available



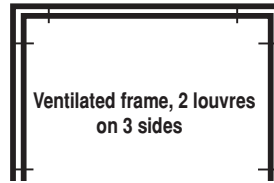
Minimum 28" (710 mm) (or made to mesures)



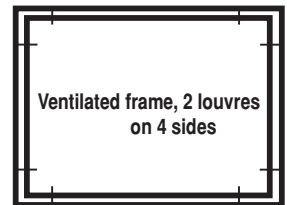
Flat frame, 4 sides



Flat frame, 3 sides



Ventilated frame, 2 louvres on 3 sides



Ventilated frame, 2 louvres on 4 sides

Note: Flat frames and 2-louvres ventilated frames have a 3" (75 mm) width. Custom frames are also available on request.

	69-52	69-61	69-69	69-80	80-60	80-69	80-80	98-78	98-87
i	24" (610 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)	28-1/4" (707 mm)	28-1/4" (707 mm)	28-1/4" (707 mm)	33-3/4" (857 mm)	33-3/4" (857 mm)
J	16-3/4" (425 mm)	21" (533 mm)	24" (610 mm)	28-1/4" (707 mm)	20-3/8" (517 mm)	24" (610 mm)	28-1/4" (707 mm)	25-3/4" (654 mm)	29-3/4" (756 mm)
C	20" (508 mm)	20" (508 mm)	20" (508 mm)	20" (508 mm)	24-1/4" (616 mm)	24-1/4" (616 mm)	24-1/4" (616 mm)	29-5/8" (752 mm)	29-5/8" (752 mm)
D	13" (330 mm)	13" (330 mm)	20" (508 mm)	20" (413 mm)	16-1/4" (413 mm)	16-1/4" (413 mm)	20-1/4" (514 mm)	21-5/8" (549 mm)	21-5/8" (549 mm)
M	19" (483 mm)	19" (483 mm)	19" (483 mm)	21-1/4" (540 mm)	21-1/4" (540 mm)	21-1/4" (540 mm)	21-1/4" (540 mm)	20-7/8" (530 mm)	20-7/8" (530 mm)
N	13" (330 mm)	13" (330 mm)	13" (330 mm)	14-1/4" (362 mm)	14-1/4" (362 mm)	14-1/4" (362 mm)	14-1/4" (362 mm)	17" (432 mm)	17" (432 mm)
O	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	17" (432 mm)	21-1/8" (537 mm)	21-1/8" (537 mm)
P	15" (381 mm)	15" (381 mm)	15" (381 mm)	16-1/4" (413 mm)	16-1/4" (413 mm)	16-1/4" (413 mm)	16-1/4" (413 mm)	16-1/8" (410 mm)	16-1/8" (410 mm)

PART 2: OPERATION AND MAINTENANCE

1. General operation

- 1.1 Combustion control
- 1.2 Air intake control
- 1.3 Smoke outlet control

2. Precautions before lighting your first fire

- 2.1 Adequate air supply
- 2.2 Preventing smoke returns

3. Firewood

- 3.1 Allowed fuels
- 3.2 Forbidden fuels
- 3.3 Recommended wood species
- 3.4 Green wood

4. The fire

- 4.1 Opening the smoke outlet damper
- 4.2 Open fires
- 4.3 Controlled combustion fires
- 4.4 How to start a fire
- 4.5 Firescreen is mandatory with open fires
- 4.6 Preventing overfiring
- 4.7 Forbidden flammable liquids
- 4.8 Smoke release during the first fire
- 4.9 Caution: Very hot!
- 4.10 Gloves and poker

5. Ashes

- 5.1 Ashes removal
- 5.2 Metallic container
- 5.2 Natural fertilizer

6. Fireplace maintenance and protection

- 6.1 Finish maintenance
- 6.2 Repainting
- 6.3 Fireplace storing

7. Glass firescreen maintenance

- 7.1 Glass maintenance
- 7.2 Replacing a glass pane
- 7.3 Door gaskets

8. BBQ installation

- 8.1 BBQ grill installation

9. Chimney maintenance

- 9.1 Creosote build-up and removing
- 9.2 Inspection and regular maintenance
- 9.3 Soot build-up removal

10. Firescreen

- 9.1 Firescreen

11. Anti-smoke flap

- 9.1 Anti-smoke flap installation

12. Interior deflector installation

- 12.1 Interior deflector installation

13. Humidity and condensation

- 13.1 Excessive humidity and condensation

PART 2: OPERATION AND MAINTENANCE

1. General operation

1.1 Combustion control: Two devices are used to control combustion. The first one, common to all Don-Bar inserts (*Drawing 20*), controls the air intake in the combustion chamber. The second one control the smoke outlet. This second valve may be of the standard type (*Drawing 21*) or of the high efficiency HE sliding type (*Drawing 22*).

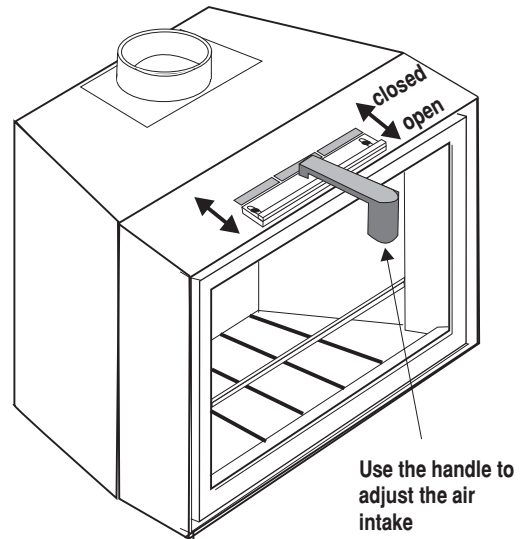
1.2 Air intake control (*Drawing 20*): The sliding valve controlling the air intake is located above the insert glass door. A special multi-purpose handle is provided to open or close it. Pull the handle to admit more air into the combustion chamber. Push the handle to reduce the air intake. In practice, the best position for the valve will vary according to three factors: fire intensity, chimney draught and wood humidity. As a general rule, a fire will last longer if less air is admitted in the combustion chamber. If a hot and blazing fire is wanted, then open the air intake fully.

1.3 Smoke outlet control: This control is located in the middle of the insert just above the air intake control. Use the multi-purpose handle to operate it. There are two models:

.1 Standard smoke control (*Drawing 21*): Close to reduce the smoke outlet and thus increase the temperature inside the combustion chamber. Open it to start a fire or when using a firescreen or the BBQ grill.

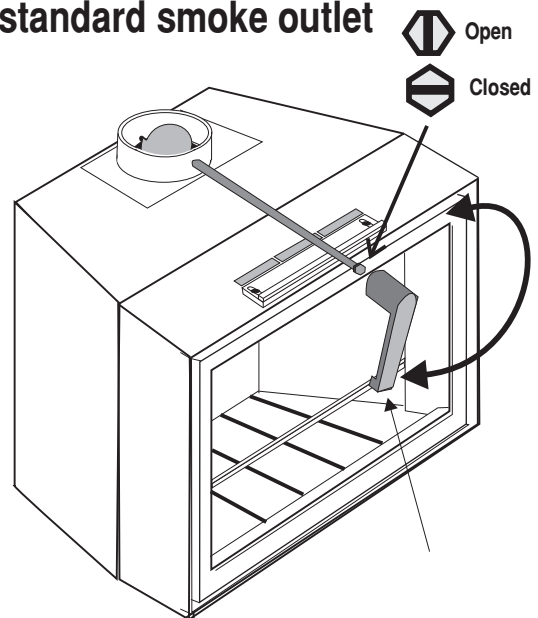
.2 High efficiency HE sliding deflector (*Drawing 22*): Close to increase the combustion efficiency. Open fully to start a fire or when using a firescreen or the BBQ grill.

Using the handle to control the air intake



DRAWING 20

Using the handle to control the standard smoke outlet

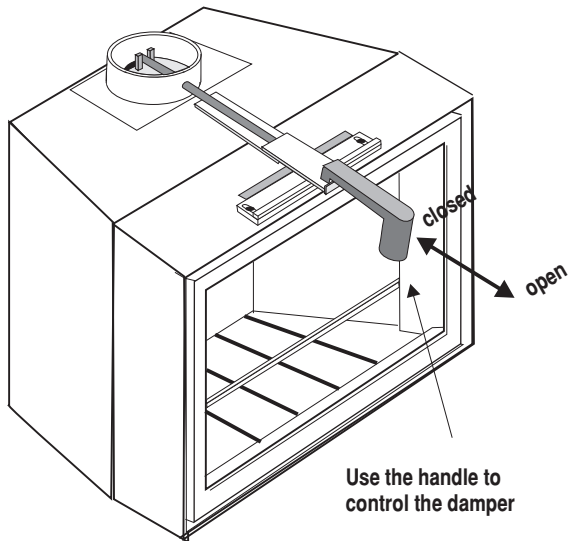
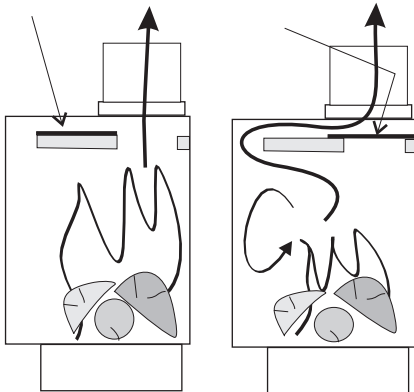


DRAWING 21

Using the handle to control the HE sliding smoke deflector

Open fully the smoke damper to start a fire or when making an open fire with the firescreen

Close the smoke damper for a long-lasting high efficiency fire (close the door first).



DRAWING 22

2. Precautions before lighting your first fire

2.1 Adequate air supply: A wood fire requires plenty of air. Always be sure there is enough air

supply to maintain the combustion. If the room is under a negative pressure, if the house is too airtight, or if a ventilation device is in operation it may be necessary to open a door or a window to compensate.

3.2 Preventing smoke returns: Your fireplace is designed to operate without smoke returns during normal operating conditions and when installed according to the instructions outlined in the manual. However, some conditions out of our control can create smoke returns. Don-Bar Fireplaces cannot guarantee the absence of smoke returns but if this phenomenon occurs special attention should be given to the following situations: mechanical ventilators in operation (kitchen hood, dryer, air heating system, air exchanger), drafts, room or house negative pressure, inadequate chimney height, exterior structures harmful to the chimney draft or capable of causing smoke returns, an indoor moisture level that is too high and causes ice build-up in the flue and reduces chimney draft, too many elbows in the chimney, crushed outside air intake duct, strong winds, etc.

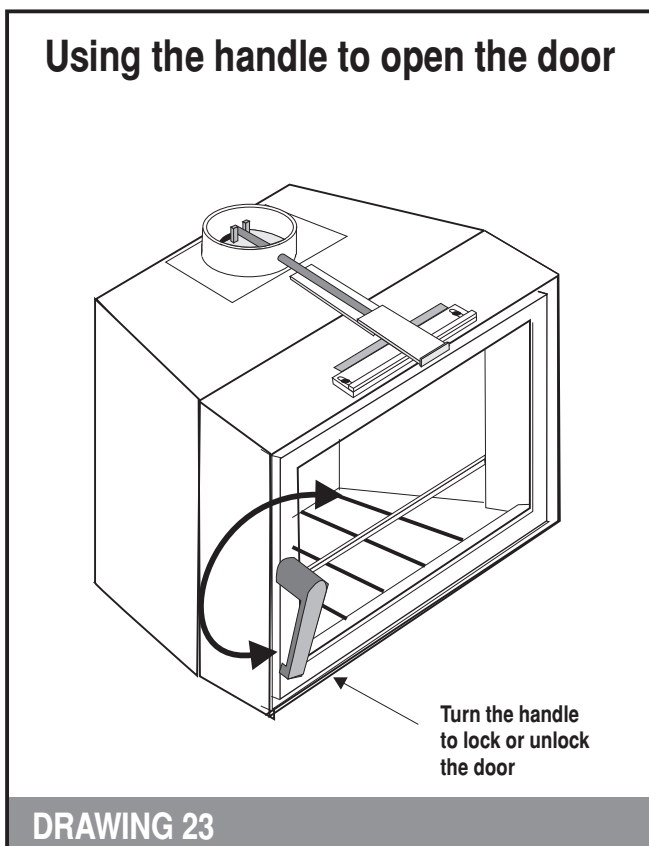
3. Firewood

3.1 Allowed fuels: Your fireplace is designed to burn wood and charcoal only. To start a fire, use only newspaper and small pieces of firewood.

3.2 Forbidden fuels: Anthracite, melamine, pressure treated or painted wood, wood particle boards and other composite materials. These materials reach very high temperatures and release corrosive gases, which may irreparably damage your installation and void the warranty.

3.3 Recommended wood species: For an efficient and economical operation, use only dry hardwood such as maple, oak, wild cherry, birch, etc. The use of dry hardwood reduces creosote formation. Avoid softwoods, coniferous and green woods. These produce a lot of creosote.

3.4 Green wood: If your firewood is too green, place it in a well ventilated space, sheltered from rain, as long as necessary to allow it to dry. Dry wood is easy to identify: it is cracked at the ends and much lighter because it contains less water.



4. The fire

4.1 Opening the smoke outlet damper (or the sliding smoke damper for HE models): Before lighting a fire, completely open the chimney damper. Use the provided handle as indicated in *Drawings 21 and 22*.

4.2 Open fires: The smoke outlet damper (or the sliding smoke damper for HE models) and the air intake control must be fully open. Always use a firescreen with an open fire. Note that the air intake control is inoperative when the door is open.

4.3 Controlled combustion fires: First, follow the instructions at 4.2 for open fires. Later, following the formation of embers, the flame will be less intense, the chimney flue warmer and you will be able to close gradually the smoke outlet damper (or the sliding smoke damper for HE models). You will also be able to close gradually the air intake control to increase the heating power of the fire.

4.4 How to start a fire: To light a good fire, begin by placing 4 or 5 newspaper balls in the fireplace. Next, place 5 to 8 small pieces of dry firewood over the newspaper. Then add 2 or 3 small-sized logs. Light the newspaper in 4 or 5 spots. When the small firewood begins to burn, add 1 or 2 medium-sized logs.

4.5 Firescreen is mandatory when the insert is used with an open door: In order to prevent dangerous spark discharges and falling embers, always use a firescreen (supplied separately - not shipped with the insert) when making an open fire.

4.6 Preventing overfiring: Don't overload your fireplace. Instead, feed it regularly. Don't make fast and hot fires (such as those using only paper, cardboard or small wood). These fires can generate very high temperatures that may damage your chimney if they last longer than 2 minutes.

4.7 Forbidden flammable liquids: Never use flammable liquids or accelerators such as gas, lamp oil, kerosene, BBQ starters, or other flammable substances to start or stir up a fire. Always keep these products away from the fire when using the fireplace.

4.8 Smoke release during the first fire: It is possible that, while making your first fire, the fireplace releases smoke for about 20 minutes. This smoke release is normal and is usually caused by the "baking" of the fireplace paint finish. Open a window and the smoke will disappear by itself in a few minutes. Caution: This smoke can trigger a smoke detector causing a false alarm!

4.9 Caution: Very hot! Your fireplace can become very hot. Be careful when coming close to it. Keep clothes, furniture, drapes, pets and young children away from the fireplace.

4.10 Gloves and poker: In order to operate the fireplace safely, always keep a poker on hand. Heat resistant gloves are also recommended and can be very useful when you have to handle hot parts during an emergency.

5. Ashes

5.1 Ashes removal: Your fireplace must be emptied regularly. Always keep a bed of ashes of about 1" (25 mm) in the fireplace to protect the hearth bottom. **A log grate is not recommended.**

5.2 Metallic container: To collect ashes, use a metal container with an airtight lid.. Dispose of them on the ground, outside, away from any combustible material. If you plan to bury ashes or disperse them in the wind, keep them in an airtight container until completely cooled.

5.3 Natural fertilizer: Ashes are useful as natural plant fertilizer. They are rich in lime, potash, phosphorus, and ideal for acidic soils.

6. Fireplace maintenance and protection

6.1 Finish maintenance: Your fireplace is covered and protected by a special high-temperature paint finish. Normal maintenance requires only a simple dusting using a dry and soft duster or a feather duster. Avoid splashing liquids on the fireplace.

6.2 Repainting: If, over time, it becomes necessary to freshen up the fireplace finish, you can spray directly on the old finish a coat of "Stove Bright" high temperature stove paint.

6.3 Fireplace storing: To prevent rusting, always store the fireplace and its components in a dry space.

7. Glass firescreen maintenance

7.1 Glass maintenance: To clean the glass, begin with a duster and, preferably, a stove glass cleaner. These aerosol glass cleaners are sold by stove and fireplace dealers. They are specially formulated to dissolve creosote without damaging the glass. Then, to get a sparkling surface, finish with a clean duster and a domestic glass cleaner such as Windex. Warning: Wait until the glass has completely cooled before attempting to clean it. Never use an abrasive cleaner on the glass.

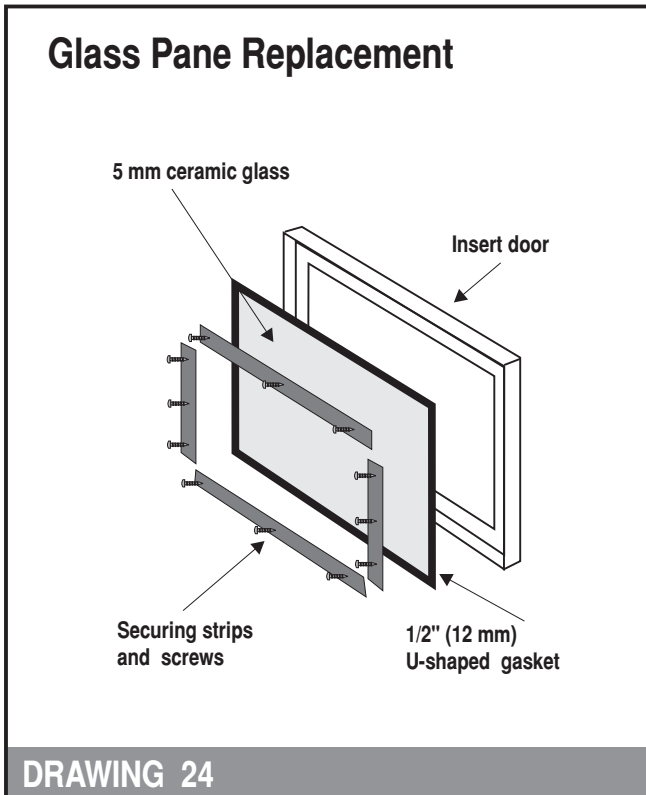
7.2 Replacing a glass pane: If a glass pane shatter, replaced it with a 5 mm ceramic glass pane of the same dimensions.

back of the fireplace (*Drawing 25*).

9. Chimney maintenance

9.1 Creosote build-up and removing: When wood burns slowly, tar and organic vapors are released. These combustion by-products combine with moisture to form creosote. When creosote vapor comes in contact with a relatively cold surface, such as a chimney flue during a slow burning fire, it condensates. As a result, creosote residues build up inside the chimney. When this creosote deposit catches fire, the chimney can reach dangerously high temperatures.

9.2 Inspection and regular maintenance: The chimney must be inspected regularly during the heating season in order to determine whether there is creosote build-up. In order to avoid chimney fires, the chimney must be cleaned if the creosote build-up reaches a 1/8" (3 mm) thickness.

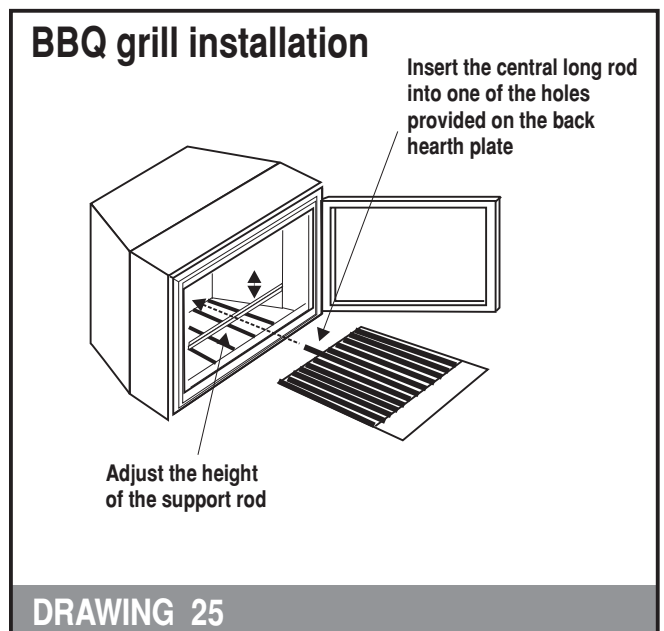


The ceramic replacement glass (pyroceram) can usually be ordered from a local glazier or ordered directly from Don-Bar Fireplaces. (Note: the glass panes are not warranted against breaking). **Warning: Never replace a broken door glass with an ordinary or tempered glass: it will shatter and may cause serious injuries.**

7.3 Door gaskets: The gasket ensuring the door airtightness must be changed periodically. Replace it with a similar fiberglass 3/8" (10 mm) round stove gasket. To replace the gasket around the glass, use a U-shaped 1/2" (12 mm) fiberglass stove gasket.

8. BBQ grill installation

8.1 BBQ grill installation: First, adjust the height of the metal rod supplied with the grill to support it at front. The BBQ grill is set in place by simply inserting the central long rod into one of the holes provided on the hearth plate at the



9.3 Soot build-up removal: During the chimney cleaning, be sure to remove any creosote or soot build up located over the flue damper and behind the steel hearth plates inside the fireplace. For this removal, use a commercial vacuum cleaner equipped with a flexible nozzle to reach crannies. (*Drawing 20*).

10. Firescreen installation

10.1 Firescreen: The optional firescreen is simply put in place in the front of the insert. Just tilt it a little and slip it into the opening. Integrated clips will keep it in place.

11. Anti-smoke flap

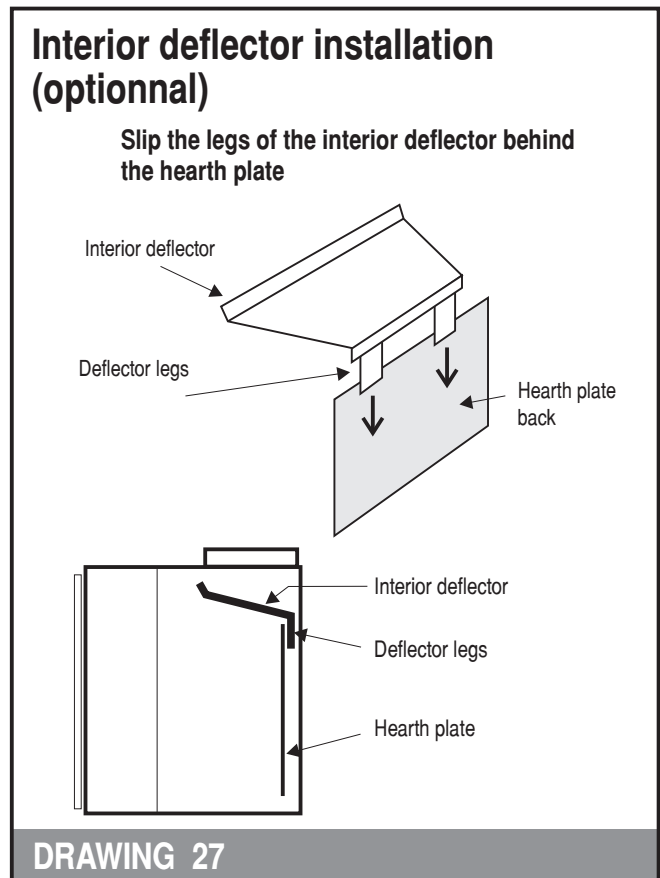
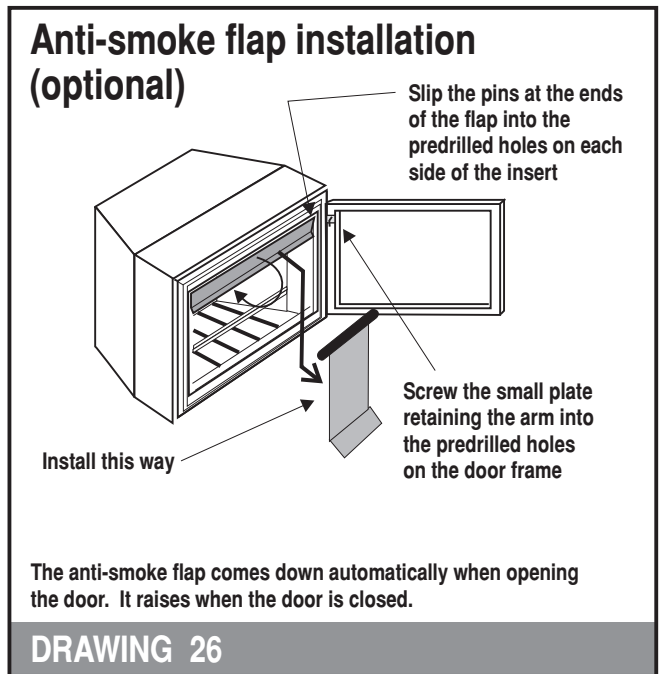
11.1 Anti-smoke flap installation (optional):: See details on *Drawing 26*.

12. Interior deflector installation

12.1 Interior deflector (optional for the standard model only): See details on *Drawing 27*.

13. Humidity and condensation

13.1 Excessive humidity and condensation: In winter, high humidity levels inside the house can cause chimney problems such as condensation, and ice build-up eventually dripping into the fireplace. In extreme cases, the condensation water can even infiltrate the chimney insulation. To avoid these problems, it is necessary to maintain an acceptable humidity level inside the house. This relative humidity level is between 30% and 35% during winter. To learn more about the possible techniques to solve a moisture problem you can consult, free of charge, the guide: *Humidity, Condensation and Ventilation in Houses* by the National Research Council of Canada at the following Internet address: www.nrc.ca/irc/bsi/83_E.html



PART 3: REPLACEMENT PARTS LIST

To order a part, please specify: The fireplace model number, the name of the part and the year of the fireplace installation	69-52	69-61	69-69	69-80	80-60	80-69	80-80	98-78	98-87
Standard Combustion System									
Chimney damper (disc only)	■	■	■	■	■	■	■	■	■
Chimney damper rod with hexagonal end	■	■	■	■	■	■	■	■	■
Complete damper assembly with disc, rod and hexagonal end	■	■	■	■	■	■	■	■	■
Deflector	■	■	■	■	■	■	■	■	■
HE Combustion System									
Sliding damper	■	■	■	■	■	■	■	■	■
Deflector (without the sliding damper)	■	■	■	■	■	■	■	■	■
Rod and plate assembly for the sliding damper	■	■	■	■	■	■	■	■	■
Chimney connector	■	■	■	■	■	■	■	■	■
Standard Parts									
Sliding plate for air intake control	■	■	■	■	■	■	■	■	■
Hearth plate	■	■	■	■	■	■	■	■	■
Anti-smoke flap	■	■	■	■	■	■	■	■	■
Insert door including glass retaining bars	■	■	■	■	■	■	■	■	■
Ceramic glass, 5 mm	■	■	■	■	■	■	■	■	■
Glass retaining bars only (2 short, 2 long)	■	■	■	■	■	■	■	■	■
Glass pane gasket	■	■	■	■	■	■	■	■	■
Door gasket	■	■	■	■	■	■	■	■	■
Tilted fan assembly (2) to slip under the raised base	■	■	■	■	■	■	■	■	■
Side fan assembly (1)	■	■	■	■	■	■	■	■	■
Centrifugal fan	■	■	■	■	■	■	■	■	■
Insulated box for the centrifugal fan	■	■	■	■	■	■	■	■	■
Thermodisc	■	■	■	■	■	■	■	■	■
Speed control	■	■	■	■	■	■	■	■	■
Levelling plate complete with levelling bolts	■	■	■	■	■	■	■	■	■
Raised triangular base	■	■	■	■	■	■	■	■	■
Metal firescreen	■	■	■	■	■	■	■	■	■
BBQ grill	■	■	■	■	■	■	■	■	■
BBQ grill support rod	■	■	■	■	■	■	■	■	■
Ventilated frame (3 sides)	■	■	■	■	■	■	■	■	■
Ventilated frame (4 sides)	■	■	■	■	■	■	■	■	■
Fireplace handle (to operate the fireplace)	■	■	■	■	■	■	■	■	■
Sliding damper assembly for the exterior air intake	■	■	■	■	■	■	■	■	■

DIRECTIVES IN CASE OF A CHIMNEY FIRE

1. Immediately alert family members about the potential danger.
2. Watch your chimney and the surroundings to detect any smoke or beginning of fire.
3. In case of doubt, immediately call your local fire department or 911.
4. Evacuate the house.
5. Following a chimney fire, don't reuse your fireplace until a professional has inspected it. A chimney fire can overheat the chimney components, warp it inside, curve, crack or dislocate certain components.
6. After the inspection, replace any part that is damaged or judged unsafe.

1. The first 5 years: If, during this 5-year period, and in the course of a normal use, a component part of the fireplace becomes defective due to a material or workmanship defect, this part will be replaced or, at our discretion, repaired free of charge. The following parts are excluded from this warranty:

1.1 Hearth back plate, smoke deflector, grate, ash drawer/tray, wood basket, fireguard, refractories, metal fire screen, BBQ grill, electric fan blower: Being subject to high temperatures, these parts may have to be replaced from time to time; this is regarded as normal maintenance. However, all the original parts shipped with the fireplace are warranted against material or workmanship defects for 1 year following the date of purchase.

1.2 Chimney: Since the chimney and its components are not manufactured by Don-Bar, please refer to the warranty of the chimney manufacturer for any claim about it.

1.3 Fireplace paint finish: The fireplace is painted with a high temperature paint that needs to be freshen up from time to time. However, the original finish applied to the fireplace is warranted for 1 year following the date of purchase. The warranty is limited to the supply of the paint required for repainting the fireplace.

1.4 Gaskets: Fireplace gaskets are warranted for 90 days following the date of purchase.

2. 20-Year Replacement Plan: After the expiration of the first 5 years, and for

an additional 20 years period following the date of purchase, we will ship (at the exception of transport expenses and parts described in the articles 1.1, 1.2, 1.3 and 1.4) any defective part for a price not exceeding 50% of its retail price.

3. These warranties shall never be interpreted as covering workmanship on site. Don-Bar takes no responsibility for damages to the building following the repair or the replacement of any part covered by the warranty.

4. No representative, employee or agent of Don-Bar is authorized to change or extend the present warranty.

5. The warranty is valid only if the installation, the operation, and the maintenance of the fireplace have been done in accordance with the fireplace manufacturer written instructions.

6. Don-Bar takes no responsibility for any damage to the fireplace, the chimney or the building if fireplace repairs done by third parties are executed with non original parts.

7. Any part that is the object of a claim in accordance with the present warranty must be returned to the shop (transport prepaid) with a proof of purchase. All returns must be approved by the manufacturer before shipping.

8. The duration of the warranty on any part that is the object of a claim must never exceed the total duration of the original warranty of the part shipped with the fireplace.

9. Draft and smoke returns: All Don-Bar fireplaces are designed and tested to operate with a positive draft, without smoke returns, when installed according to the manufacturer's instructions.

Smoke returns caused by environmental factors (negative pressure, lack of air, turbulence, etc.) are not covered by the present warranty.

10. The warranty does not cover:

- 10.1 Broken glass
- 10.2 Damages caused by a chimney fire;
- 10.3 Shipping damages not reported on delivery;
- 10.4 Faulty installation;
- 10.5 Damages caused by abnormal or abusive use.

11. Send any communication or claim to the following address:

Foyers Don-Bar Fireplaces, inc.
741, St-Vallier Ouest, Québec,
(Quebec) Canada G6V 3N9
Phone: 418-686-9114
Fax: 418-686-9117
Website: www.don-bar.com
Email: don-bar@don-bar.com