

retrofire

Patents Pending



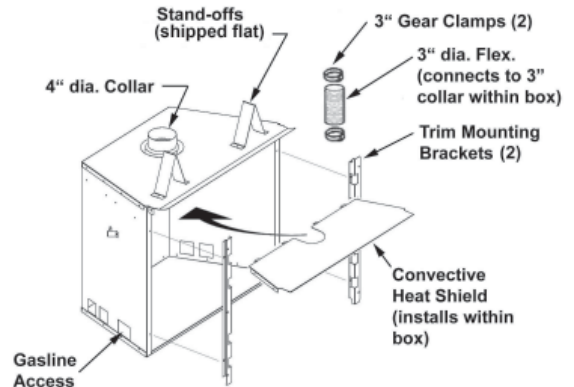
Model RA24ZC ZERO CLEARANCE KIT for RF24BN/BP INSERT

Please read this manual in conjunction with the RF24 Heater Installation Manual

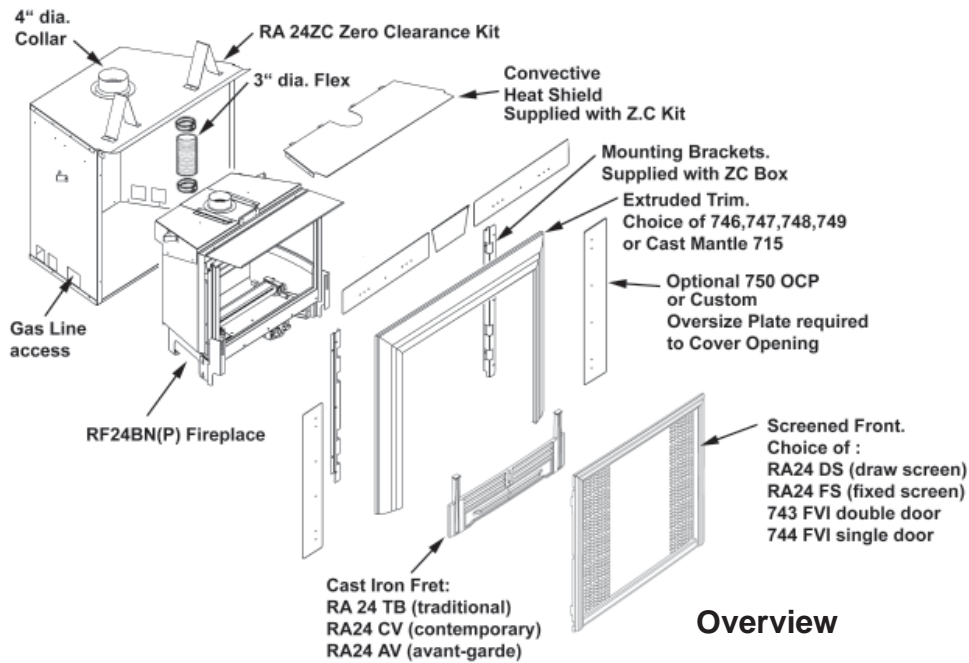
General Application

The RA24ZC Zero Clearance Kit with RF24 heater may be installed in new wood frame construction with type "B" venting. The zero clearance box may be roughed-in on its own and the RF24 heater inserted later.

The Zero Clearance Kit is also intended for applications where an existing gas or wood burning fireplace is being removed in whole or in part, without disturbing the surrounding wall finish. The minimum cavity for installing the Zero Clearance Kit is shown in the Framing Dimensions diagram next page. Existing type "B" gas venting may be utilized provided the integrity is intact. Existing mantle clearances must conform to the chart. For visual reasons, the zero clearance box is painted black on the inside; it is recommended to paint the vent liner and gas line with high heat paint after installing.



Kit Contents



Overview

Manufactured by
MILES INDUSTRIES LTD.

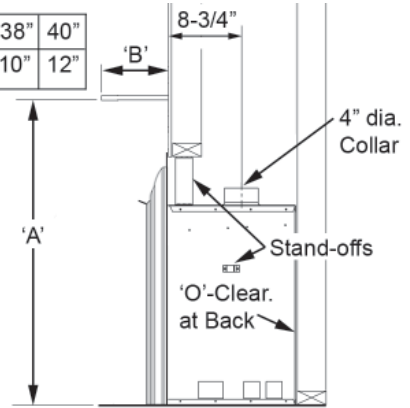
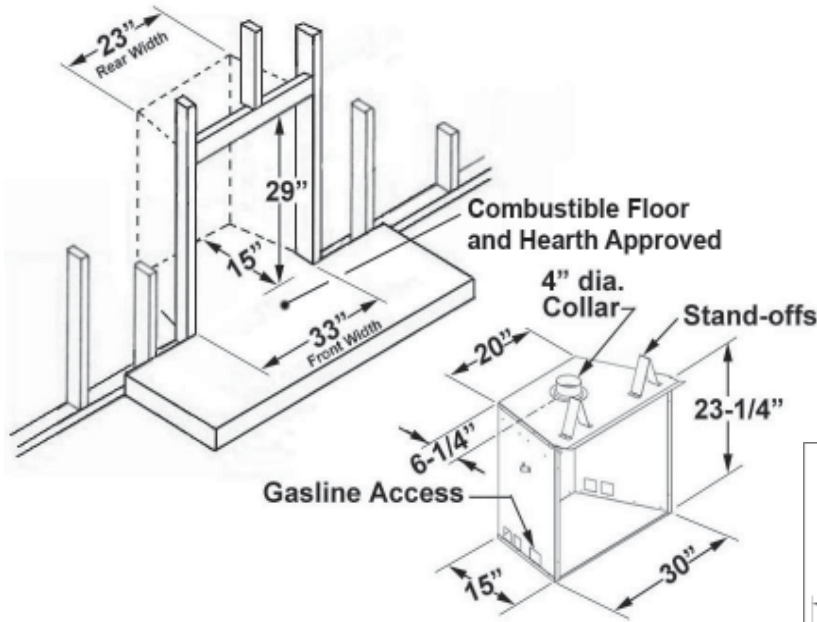
British Columbia, Canada

Vous pouvez vous procurer un exemplaire français de cette brochure chez votre marchand.

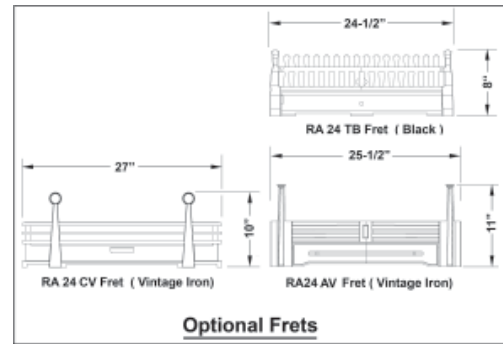
Framing Dimensions

Note - 29" x 33" min. opening in combustible wall

mantle height 'A'	30"	32"	34"	36"	38"	40"
mantle depth 'B'	2"	4"	6"	8"	10"	12"

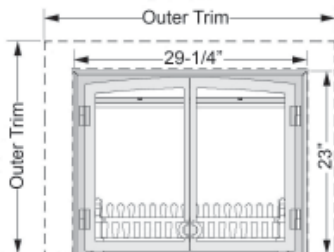


Mantle Clearances

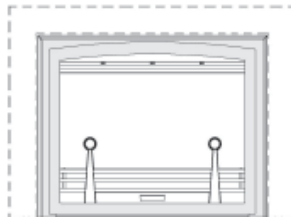


Inner Front Trim Choices (one must be selected)

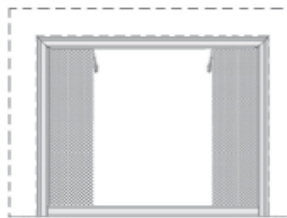
(same perimeter size for all)



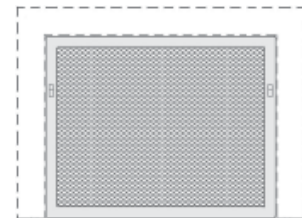
743 Double Door (hinged)
Supplied with fret



744 Single Door (hinged)
Supplied with fret



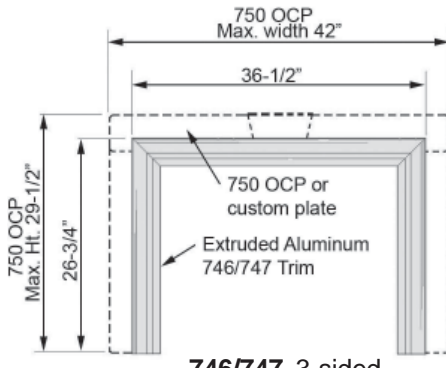
RA24DS (draw screen)
Fret supplied separately



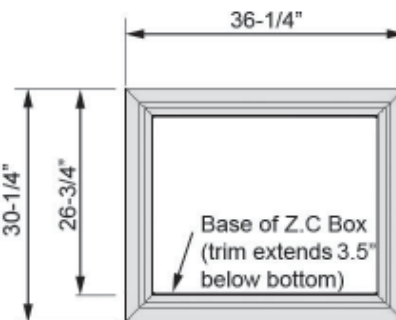
RA24FS (fixed screen)
Fret supplied separately

Outer Trim Options (Note - Must Cover 29" x 33" min. opening in combustible wall)

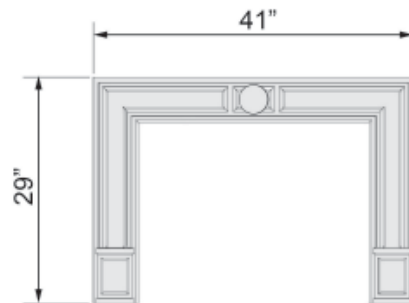
Custom trims may be used to replace or extend these options.



746/747, 3-sided
Shown w/750OCP



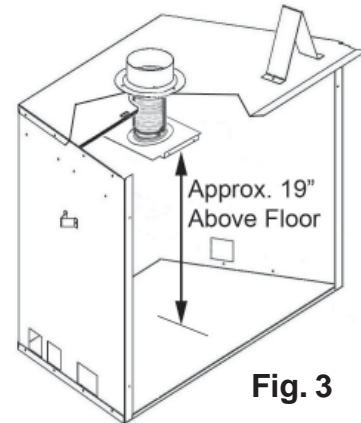
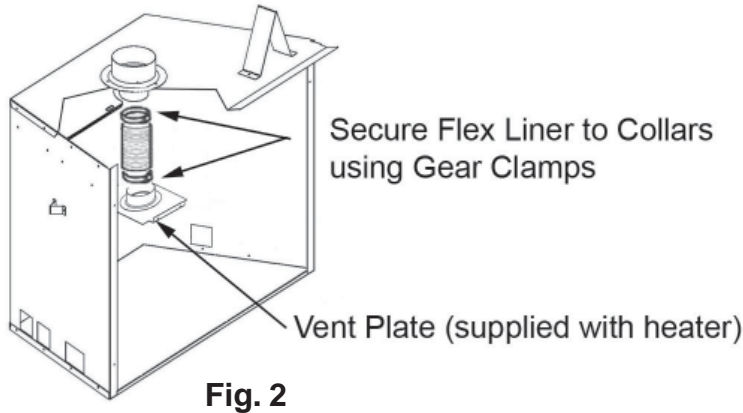
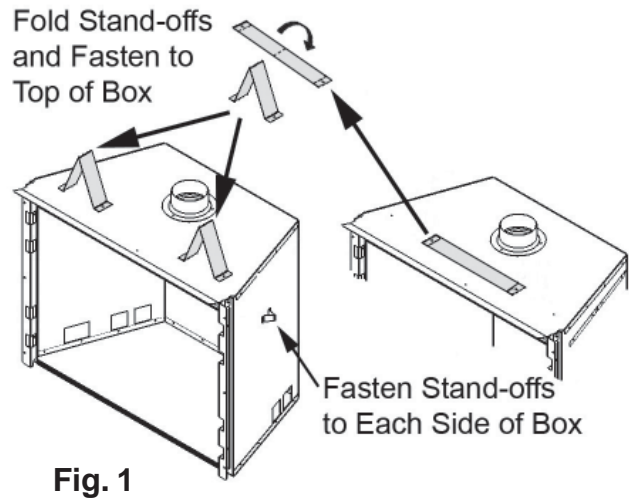
748/749, 4-sided



715 Cast Mantle

Prepare Z.C. Box

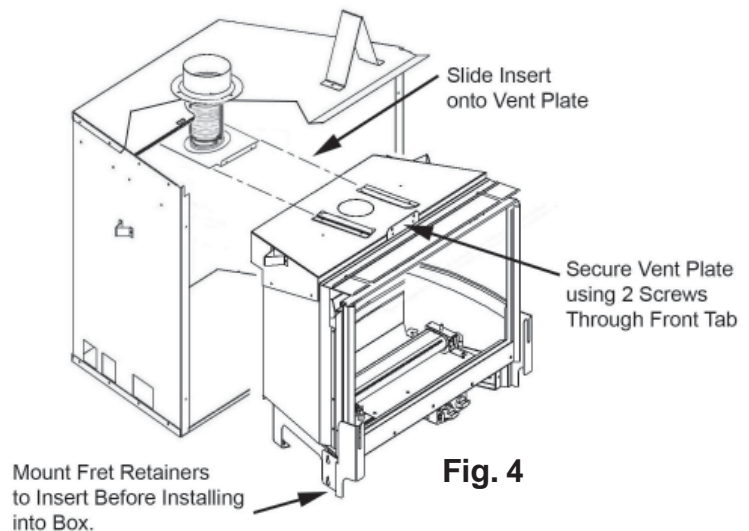
1. Remove stand-offs from top of Z.C. box; fold and reattach to top of box. **See Fig. 1.**
2. Position zero clearance box in cavity and connect to vent system.
3. Rough-in gas line to left hand side.
4. Install the short length of 3" dia. flex liner supplied with the kit to the collar on the underside of the Z.C. box using the gear clamp provided. Secure the vent plate removed from the insert to the other end of the liner using a gear clamp. **See Fig. 2.**
5. Compress/stretch the liner so the vent plate is approximately 19" above the floor. **See Fig. 3.**
6. Paint liner and gear clamps using black high heat paint (not supplied).



Install Insert Into Z.C. Box

If a fan is to be installed, it should be installed to the heater before the heater is inserted into the Z.C. box. See separate installation instructions with the fan kit.

1. Slide the insert into the zero clearance box while guiding the vent plate into the cleats on top of the insert. Mount the fret retainers to the insert prior to installing for RA24DS/FS Inner Fronts (other fronts have the retainers built in). Secure the vent plate using 2 screws. **See Fig. 4.**
2. Connect the gas line to the unit.



Install Heat Shield and Convection Baffle

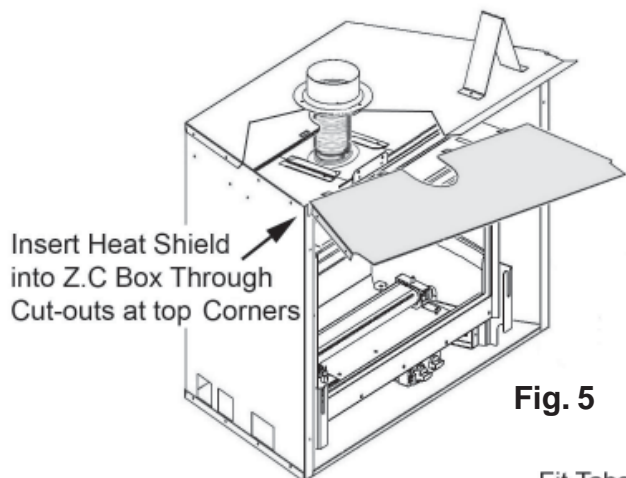


Fig. 5

Fit Tabs into Slots (4) and Fasten Heat Shield to Z.C. Box from within box using 2 screws each side.

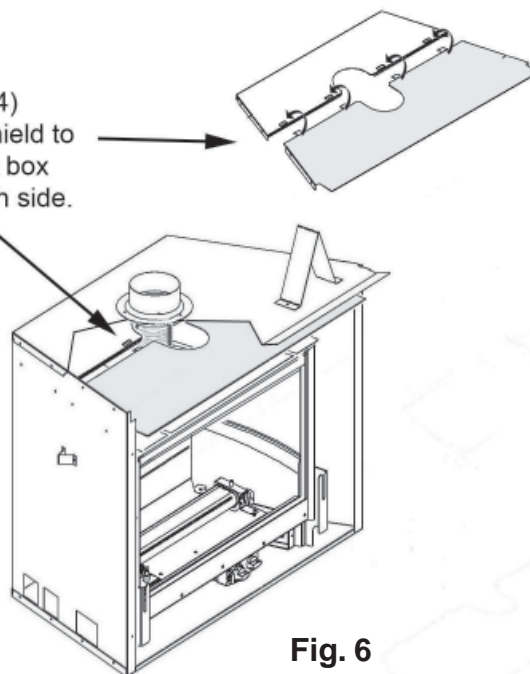


Fig. 6

1. Place heat shield into Z.C. box through the notched cut-outs on each side at the top of box. **See Fig. 5.**
2. Place the tabs at the rear edge of the heat shield into the slots. Secure the heat shield using 2 screws on each side. Screw from within the Z.C. box. **See Fig. 6.**
3. Slide the convection baffle supplied with the heater into the slots at the top and tighten the wingnuts. **See Fig. 7.**
4. Finish the installation of bricks, logs, remote control, glass etc. as per instructions packed with the RF24 heater.

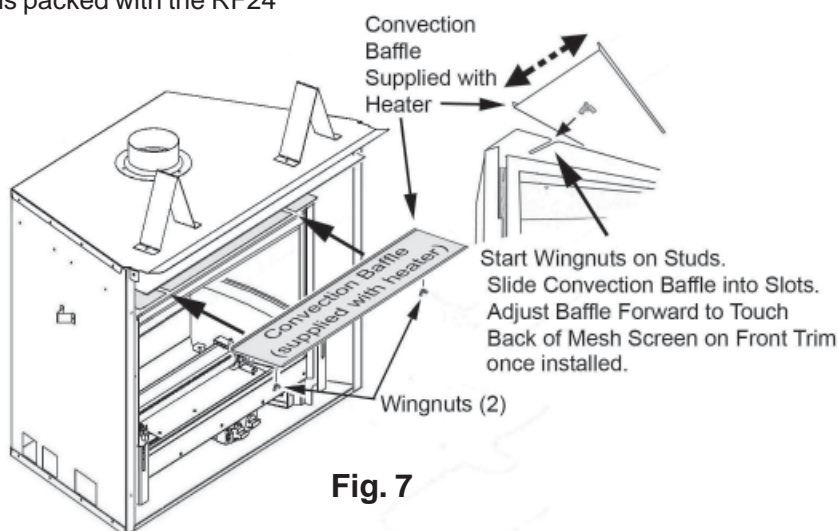


Fig. 7

Install Trims

Note: Outer trims may require extending or custom trims may be required to cover openings.

The trim packs may contain redundant parts not required for these applications as trims are common to other model heaters. Discard unused parts.

1. Fasten the mounting brackets supplied with the zero clearance kit to the back of the outer trim using screws provided. **See Fig. 8.**

Note: It may be necessary to extend the outer trim to cover the combustible wall opening. Custom non-combustible sheet metal pieces may be added to the extruded aluminum trims and fastened using the screw channel on the back of the trim.

2. Fasten the outer trim with the mounting brackets attached to the side flanges of zero clearance box using 2 screws each side. **See Fig. 9.**

3. Hook the cast iron fret onto the retainers mounted to the heater if using the RA24DS or FS Inner Trims. Note: Other inner trims include the retainers. **See Fig. 10.**

4. Hook the inner front trim to the mounting brackets on the zero clearance box. **See Fig. 11.** It may be desirable for visual reasons to adjust the front to back position of the insert depending on which inner front trim is used and where the cast iron fret positions.

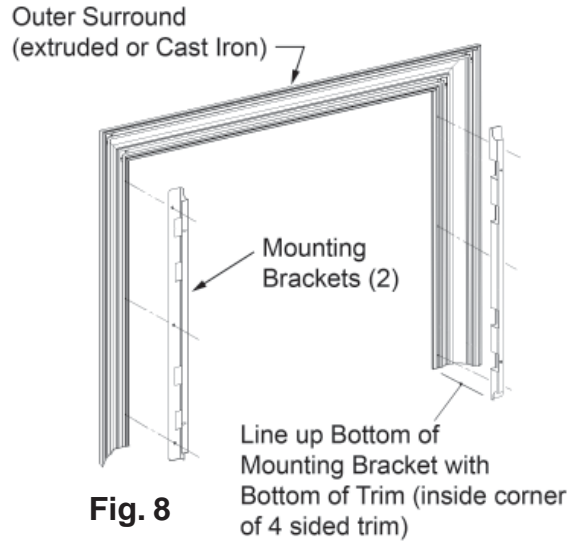


Fig. 8

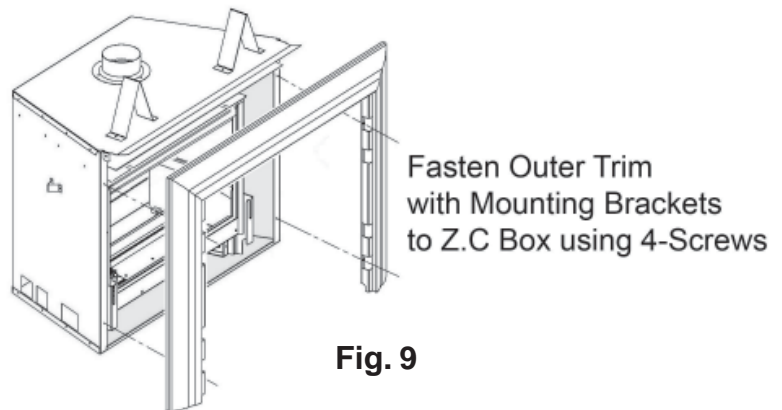


Fig. 9

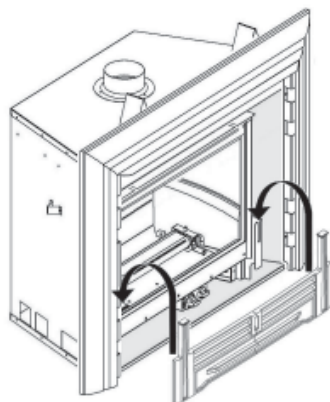


Fig. 10

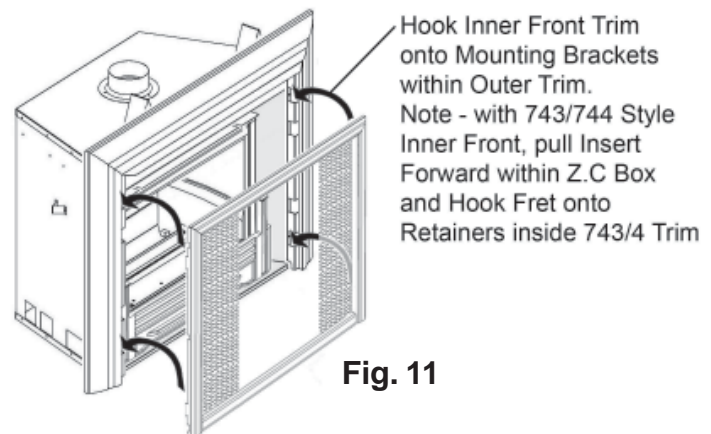


Fig. 11

Parts

