

PRIMO-HEAT-DUCT

**MODELS: PRIMO-II-48, PRIMO-II-48ST, PRIMO-II-60,
PRIMO-II-60ST, PRIMO-II-72, PRIMO-II-72ST**



Leave this manual with party responsible for use and operation.

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

CAUTION! Risk of Shock! Disconnect electrical power from fireplace system before performing any maintenance, repair, or electrical wiring.

CAUTION! Risk of Cuts or Abrasions. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

Introduction

The PRIMO-HEAT-DUCT Heat Management System conveys warm air from the fireplace through an air duct to a remote location in the same room or another room in the building.

The PRIMO-HEAT-DUCT accessory is carefully engineered and must be installed only as specified. If it or any of its components are modified, the warranty will be voided. Modification may also cause a fire hazard.

The PRIMO-HEAT-DUCT accessory is tested and safe when installed in accordance with this installation manual. It is your responsibility to read all instructions before starting installation and to follow these instructions carefully during installation.

Installation of this kit **MUST** be performed by a qualified service technician. Installation **MUST** comply with local, regional, state and national codes and regulations.

CAUTION! Failure to install, operate, and maintain the heat management system in accordance with manufacturer's instructions will result in conditions which may produce bodily injury and/or property damage.

Approvals

The PRIMO-HEAT-DUCT air duct kit is for use only on approved Hearth and Home Technologies gas fireplaces. The flexible duct is manufactured and marked to the requirements of UL-181, Class I air duct.

Acceptable Air Register Locations

The PRIMO-HEAT-DUCT Heat Management System can be located in the same room or another room in the same building. The air register may be installed in the same area as the appliance, or one building level directly above or below the appliance if venting length allows. See Figure 1.

Preparation

Plan the location of the PRIMO-HEAT-DUCT air duct run prior to installation of the appliance.

Prepare the appliance as noted in the appliance Installation Manual Section 6.B. before beginning installation of the PRIMO-HEAT-DUCT accessory. See Figure 1 for configuration.

Determine the location for the air register. The PRIMO-HEAT-DUCT accessory allows for a maximum of 25 feet of ducting to be used to connect the air register to the appliance.

The air register must be:

- A minimum of 3 ft from the appliance opening
- Oriented so that the warm air is NOT directed toward the front of the appliance.

NOTICE: Additional clearances are required for heat management systems installations. A minimum clearance of 18 inches to any combustible materials or combustible surfaces such as room furnishings, furniture, curtains, etc., is required from the air outlet. Plan for this clearance prior to installation of the PRIMO-HEAT-DUCT kit.

PRIMO-HEAT-DUCT Configuration

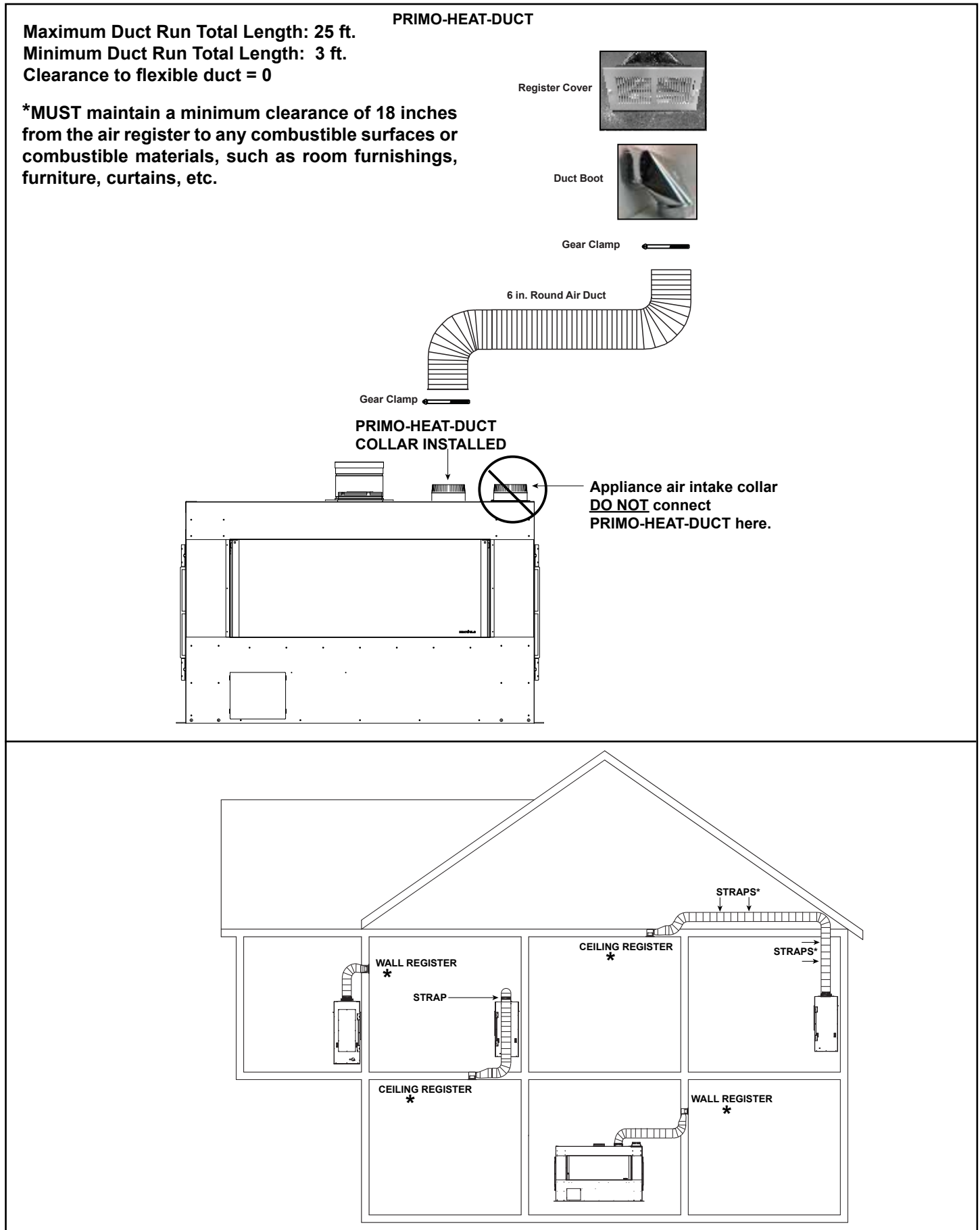


Figure 1 PRIMO-HEAT-DUCT Configuration

Clearances

Clearance - Sprinkler to PRIMO-HEAT-DUCT Air Register

Figure 2 references the clearances that must be adhered to when installing a sprinkler head near a PRIMO-HEAT-DUCT air register.

* If the distance from the top of the PRIMO-HEAT-DUCT register to the ceiling is 36 in. (914 mm) or greater, then there is no 36 in. (914 mm) clearance requirement. This is for a ceiling sprinkler head installation only.

Note: When installing a sprinkler head near a heat discharge opening, it is recommended to use a sprinkler head with an Extra High sprinkler activation temperature rating.

- When installing a sprinkler head exterior of the chase, maintain the following clearances to the PRIMO-HEAT-DUCT air register: 36 in. (914 mm) top, 18 in. (457 mm) sides and 6 in. (152 mm) bottom.

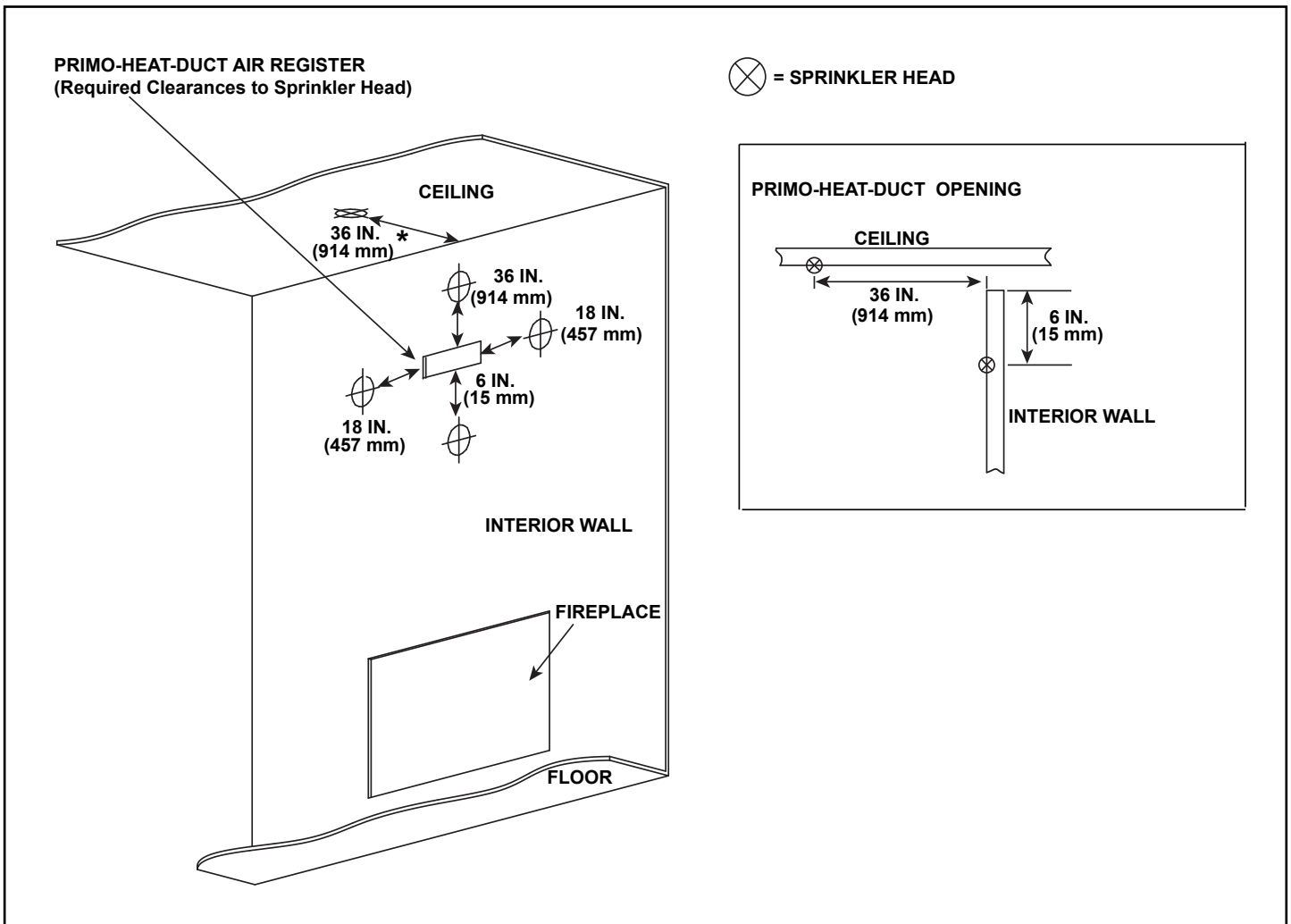
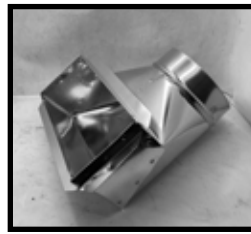


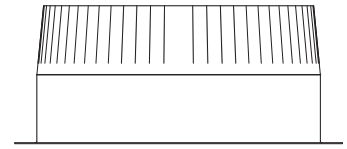
Figure 2



**FLEX AIR DUCT
659-200**



**DUCT BOOT
2670-228**



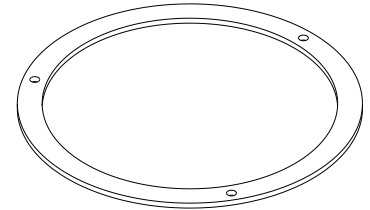
**COLLAR
SRV659-125**



**REGISTER COVER
2670-229**

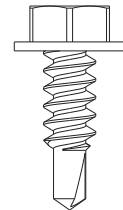


**GEAR CLAMPS
SRV662-803**



**COLLAR GASKET
2670-163**

DESCRIPTION	SERVICE PART NO.	QTY
Flex Air Duct (6" Diameter)	659-200	1 (25 ft length)
Duct Boot	2670-228	1
Collar	SRV659-125	1
Register Cover	2670-229	1
Gear Clamps	SRV662-803	2
Collar Gasket	2670-163	1
Self-Tapping #8 Screws	Service Part Not Available	5
Register Cover Screw (included with 2670-229)	Included with register cover	2



**SELF-TAPPING
#8 SCREW**

Figure 3 PRIMO-HEAT-DUCT Components

Installation

CAUTION! Do not install damaged components.

If any parts are missing or damaged, contact your dealer before starting installation. **DO NOT** install a damaged kit.

1. If not already completed, attach collar and collar gasket to appliance as shown in Section 6.B of the Appliance Installation manual.
2. Install flex duct over the collar on the appliance and use provided gear clamp in this kit to secure. Insert a self-tapping screw through the flex duct, above the gear clamp, into the collar to ensure the venting does not become detached. See Figure 4.



Figure 4 Flex Vent Properly Installed

3. Install framing members to support the duct boot in the predetermined location. The framing can consist of two members spaced 10-1/2 inches apart (Figure 5.A), or two members spaced 4-1/2 inches apart with a maximum thickness of 1-1/2 inches (Figure 5.B). The rough opening of the finishing material is to be 10-1/2 inches by 4-1/2 inches (Figure 5.C).
4. Mount the duct boot to the framing members using at least two screws or nails. See Figures 5A and 5B.
5. Route the flex duct from the collar on the appliance to the duct boot. Ensure there is no excess flex duct present in the vent run which would inhibit air flow. Verify the flex duct is properly supported and there are no kinks in the venting.

WARNING! Risk of Fire! DO NOT fold/kink/pinch/obstruct 6 inch flexible ducts. Appliance could overheat.

Note: Install sufficient strapping to support flex duct.

6. Install flex duct over the collar on the duct boot and use provided gear clamp to secure. Insert a self-tapping screw through the flex duct, below the gear clamp, into the collar to ensure the venting does not become detached.

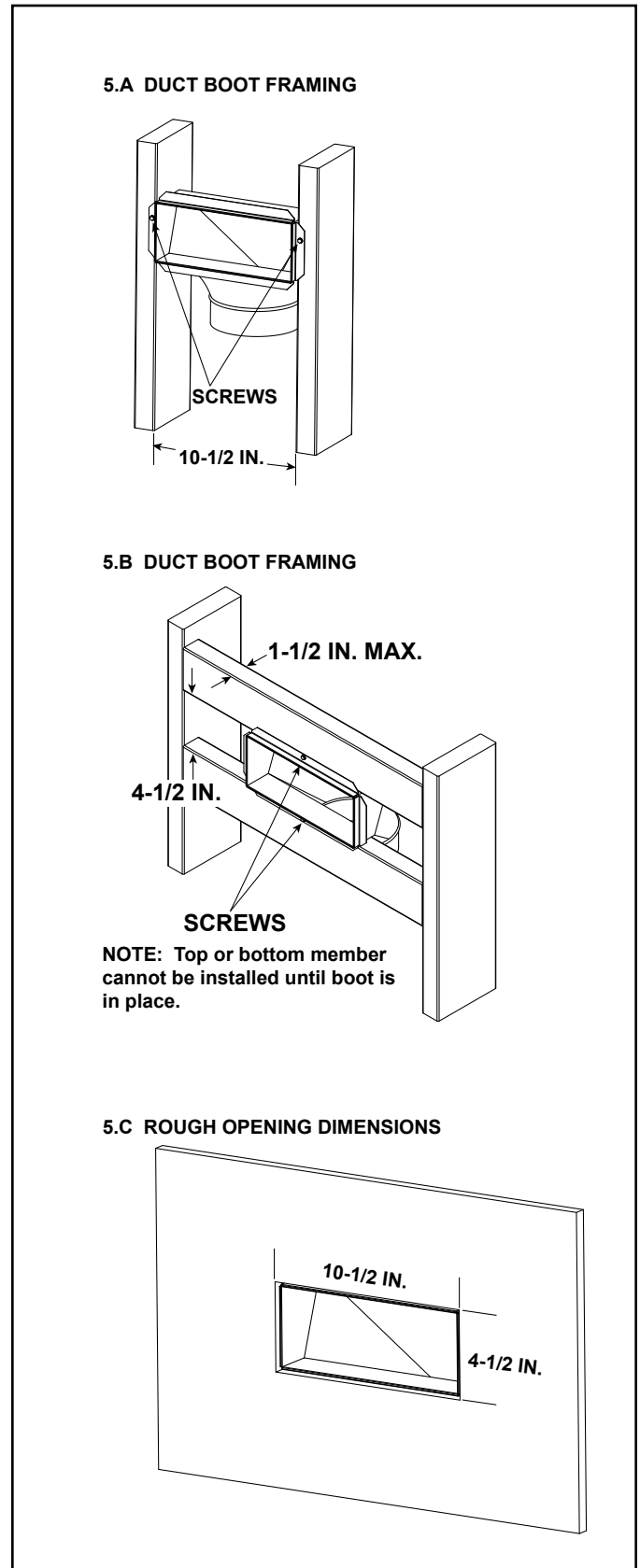


Figure 5 Duct Boot Installed

7. Install the Register Cover temporarily with the two provided screws. This will need to be removed when installing wall finishing material, and then re-installed afterward. See Figure 6.



Figure 6 Register Cover Installed

Operation

The PRIMO-HEAT-DUCT Heat Management System is powered by the appliance convection fan.

The PRIMO-HEAT-DUCT operates automatically any time the fireplace is turned on. The louvers on the register can be opened or closed using the lever on the register.

Note: When the louvers are closed, around 25% of the heated air from the appliance will still flow through the air register into the room.

Painting

If desired finishing includes painting of the register cover and screws, 100% acrylic latex paint with compatible primer is recommended.

Maintenance

Service and maintain the gas fireplace per instructions. Keep the air register(s) clean and free of any blockage.

Please contact your Heat & Glo dealer with any questions or concerns.
For the location of your nearest Heat & Glo dealer, please visit www.heatnglo.com.

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