

FIGURE 1

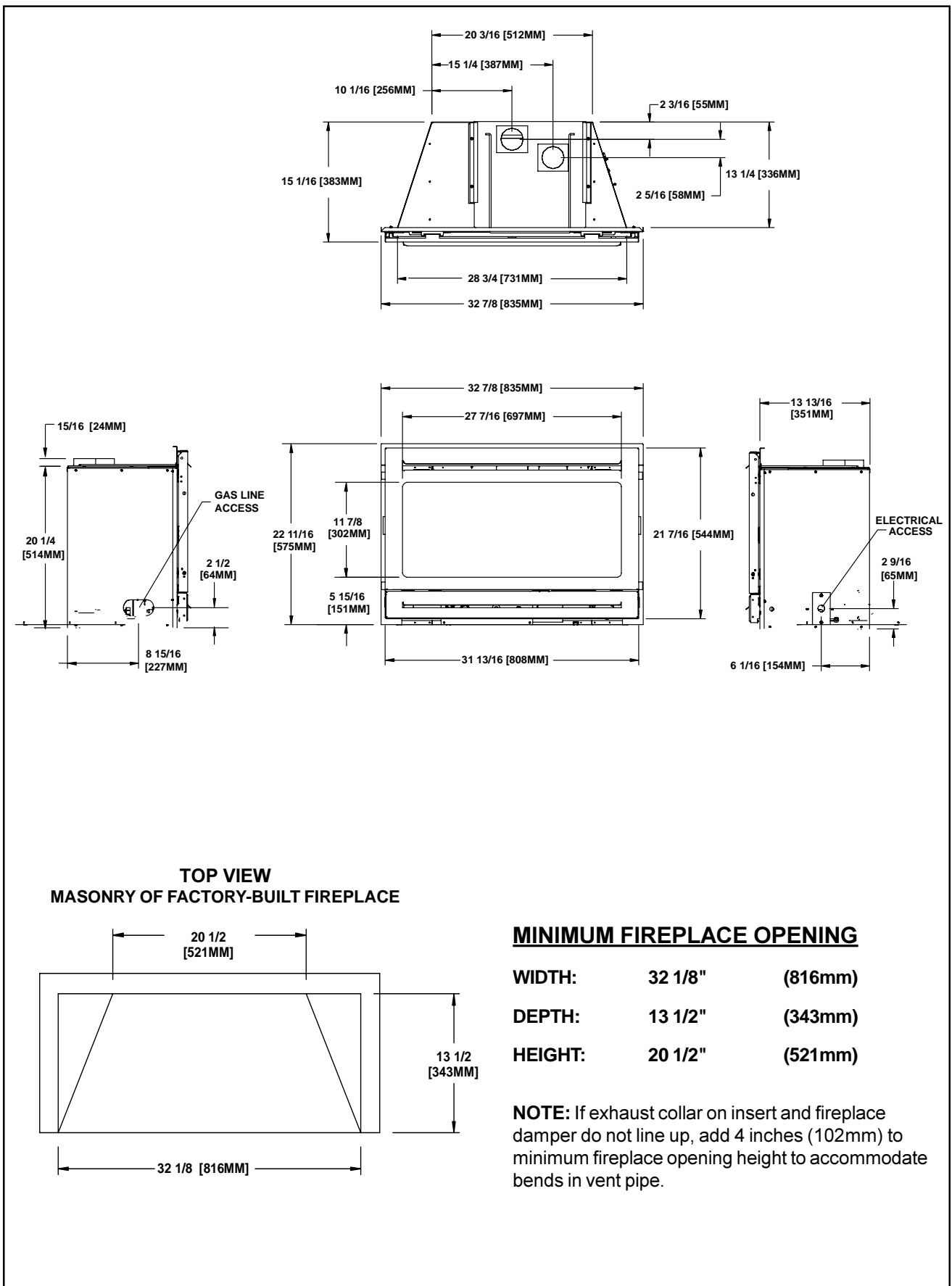


FIGURE 2

**MODEL**

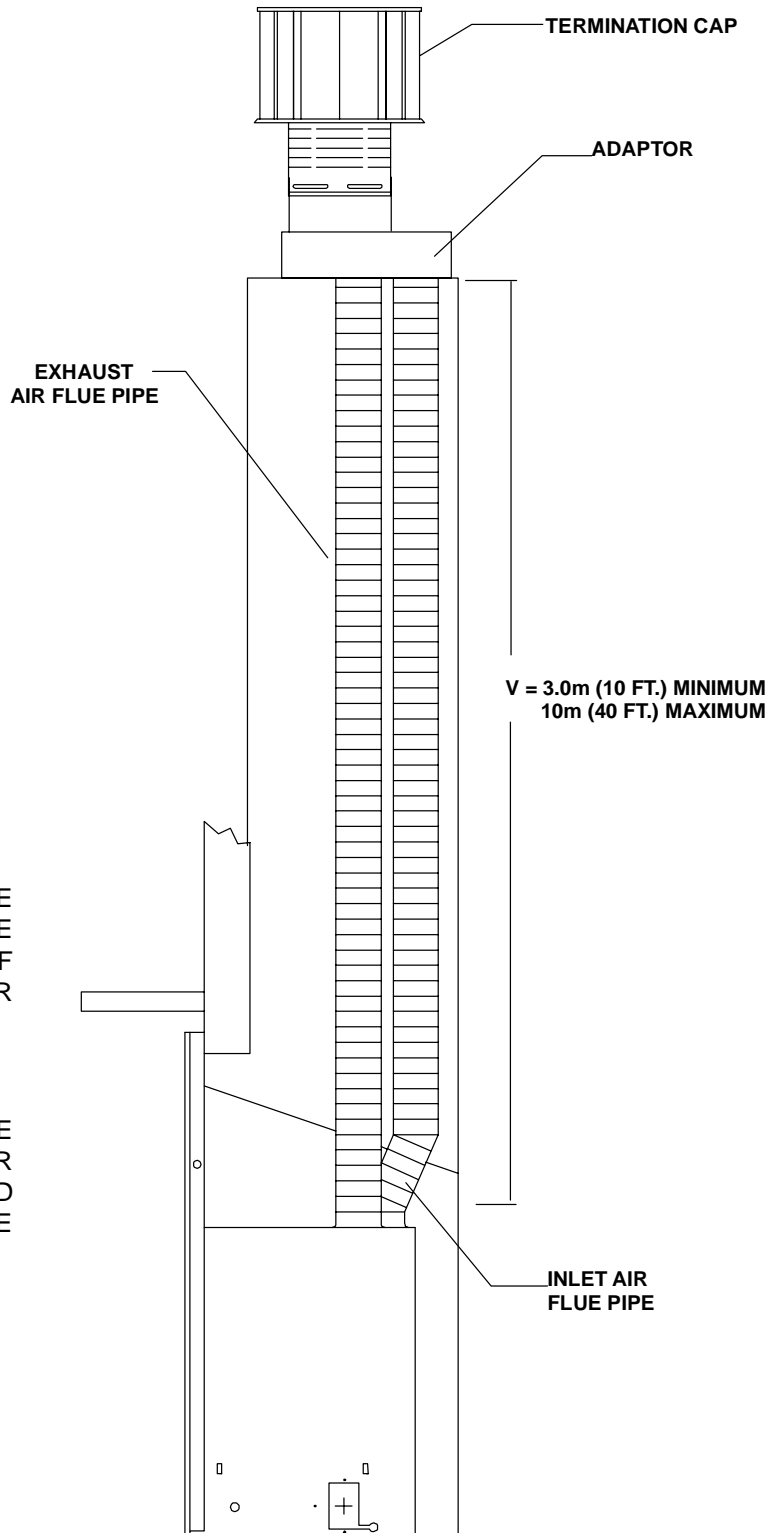
**FLUE TERMINATION APPROVAL**

ATS-AU-D

SLK-991DA

VERTICAL TERMINATION CAP

**TABLE 1**



**WARNING:** THE EXHAUST PIPE MUST ONLY BE CONNECTED TO THE EXHAUST STARTING COLLAR OF THE UNIT AND THE CENTER COLLAR OF THE TERMINATION CAP.

THE INLET AIR PIPE MUST ONLY BE CONNECTED TO THE INLET AIR COLLAR OF THE UNIT AND ATTACHED TO THE INLET AIR COLLAR OF THE TERMINATION CAP.

**FIGURE 3**

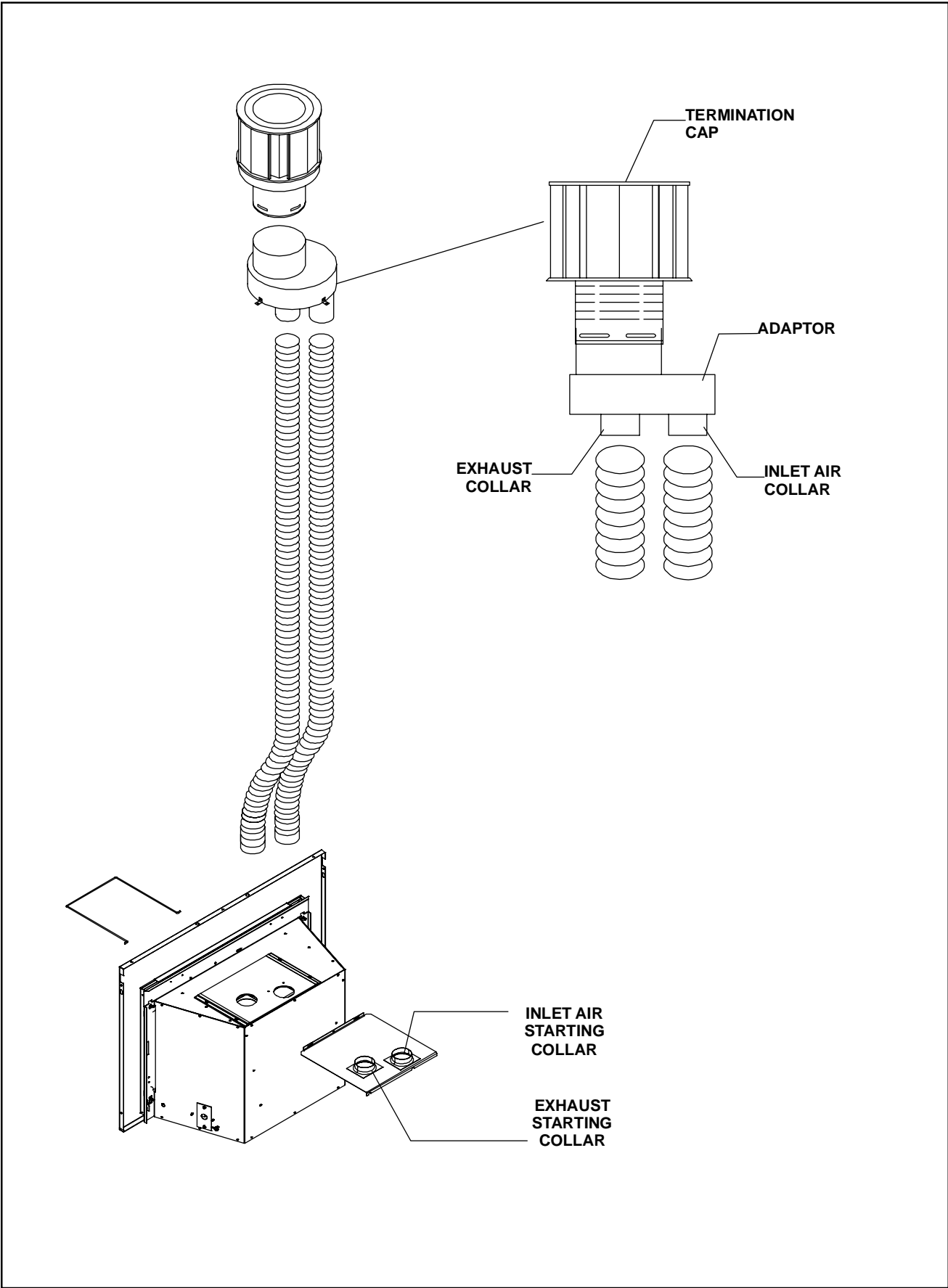


FIGURE 4

## 1.0 INSTALLATION INSTRUCTIONS

### 1.1 INTRODUCTION

This model is designed to operate with all combustion air being siphoned from the outside of the building and all exhaust gases expelled to the outside of the building. This model is designed to be installed in a masonry fireplace or factory built fireplace. These units **CANNOT** be recessed inside combustible construction.

Minimum dimensions of the masonry or factory-built fireplace into which these models can be installed, are 32 1/8-inches (816mm) width x 13 1/2 -inches (343mm) depth x 20 1/2 inches (521mm) height.

**WARNING: THIS UNIT IS NOT FOR USE WITH SOLID FUEL.**

This unit **MUST** use the flue termination described in the flueing section of the manual.

The control system for this model is a millivolt type. It consists of a gas control valve/variable regulator, a standing pilot/thermopile/thermocouple, a piezo ignitor, and an ON/OFF switch. The controls are located behind the lower grille. Access to the controls is gained by rotating the grille up. ON/OFF switch is located on the front surround. See Figures 1 and 7.

Minimum inlet gas supply pressure for purpose of input adjustment is 4.5 inches w.c. (1.13kPa) for natural gas and 11 inches w.c. (2.75kPa) for propane. Manifold (outlet) pressures should be set at 3.2 inches w.c. (.80kPa) for natural gas models and 9.6 inches w.c. (2.40kPa) for propane models.

In planning the installation for the insert it is necessary to determine where the unit is to be installed, and whether optional accessories (wall switch, thermostat, or remote control) are desired. Gas supply piping should also be planned. Model ATS-AU-D has a factory installed fan.

This model is designed to be installed in a masonry or factory-built fireplace. The separate 3.3 inch (84mm) combustion air and exhaust pipes must be run up through the chimney and terminated vertically. Horizontal flue terminations **MUST NOT** be done.

Before starting installation of flue kits, the installer should read the Gas Fireplace Instructions and the Flue Kit Instructions to ensure that a proper flue installation is completed.

Consult your local Building Codes before beginning the installation.

**WARNING: THIS GAS FIREPLACE AND FLUE ASSEMBLY MUST BE FLUED DIRECTLY TO THE OUTSIDE AND MUST NEVER BE ATTACHED TO A CHIMNEY SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE. EACH GAS APPLIANCE MUST USE A SEPARATE FLUE SYSTEM.**

**CAUTION: Prior to connecting the flue system to the unit, read sections:**

1.3 Connecting the Gas Supply

1.4 Fan

### 1.2 FLUE SYSTEM

#### 1.2.1 FLUE SYSTEM APPROVALS

Table 1 and Figures 3-5 show the flue termination caps and systems approved for use with this model. Approved flue system terminations are labeled for identification. 3.3 inch (84mm) diameter listed flexible aluminum or stainless steel gas flue is used for both the incoming combustion air and exhaust flue pipes. **NO OTHER FLUEING SYSTEMS OR COMPONENTS MAY BE USED.** Detailed installation instructions are included with each flue termination kit and should be used in conjunction with this manual.

#### HORIZONTAL FLUEING

The flue system on this model **CANNOT** be terminated horizontally.

#### VERTICAL FLUEING

The flue pipes **MUST** be connected to the proper collars on the unit **AND** the exhaust flue pipe **MUST** be connected to the termination cap or the unit will not operate. The combustion air flue pipe **MUST** be connected to the termination cap.

**NOTE:** The minimum vertical rise (exhaust flue) is 10 feet (3M) and the maximum vertical rise is 40 feet (10M). These dimensions are measured from the starting collars of the unit to the end of the last section of flue pipe (See dimension V in Figure 3).

A vertical flue termination system installed on this model will include one (1) length of 3.3 inch (84mm) flexible flue pipe for the combustion air, one (1) length of 3.3 inch (84mm) flexible flue pipe for the exhaust, one (1) pipe-to-cap adaptor, and one (1) SLK-991DA Vertical Termination Kit.