

## 6. REGULAR INSPECTION AND MAINTENANCE

6.1 Creosote must not be permitted to build up more than 3 mm (1/8") in the connector flue pipe. Under certain conditions, creosote accumulation can form very rapidly in the connector flue pipe. In order to have an adequate control, we recommend to adopt a routine schedule for the inspection and the cleaning of your connector flue pipe and chimney in order to prevent an unacceptable level of accumulation. During the first two months following the installation of your heating appliance, inspect your connector flue pipe every two weeks. This will allow you to know how quickly the creosote builds up in your chimney. You will then be able to establish the frequency of inspections and cleaning suitable for your system.

6.2 Have your connector flue pipes cleaned by an experienced chimney sweeper. If you wish to do it yourself, clean your flue pipes with a steel brush.



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The ASTON Connector Flue Pipe and Thermal Heat Shield assembly were tested as per ULC S641 standard and certified by Warnock Hersey Professional Services Ltd.

INSTALLATION INSTRUCTIONS FOR ASTON  
5, 6, 7 OR 8 INCH DIAMETER CONNECTOR FLUE PIPES  
(12.5, 15, 17.5 OR 20 CM) AND CERTIFIED THERMAL  
PROTECTIVE HEAT SHIELDS.

## READ CAREFULLY BEFORE BEGINNING THE INSTALLATION

### 1. INTRODUCTION

Congratulations, you have just purchased a superior quality connector flue pipe - THE ASTON CHIMNEY PIPE. Our chimney pipes are carefully manufactured by experienced workers and are fabricated from the highest quality material. Our tradition of quality is the result of 30 years of experience. Finally, unlike many other chimney pipes available on the market, the ASTON flue pipe was tested in a recognized test lab - Warnock Hersey Professional Services Ltd.

### 2. UTILIZATION

The ASTON connector flue pipe is designed for use with solid fuel heating appliances, such as stoves, fireplaces, furnaces, waterheaters, boilers, etc.

### 3. LOCATION

3.1 ASTON connector flue pipes must be used only inside buildings.

3.2 The connector flue pipe must be no more than 3 m. (10') long and must not have more than two 90 degree elbows. The heating appliance must be located within a maximum radius of 3 meters (10') from the chimney.

3.3 The connector flue pipe must not go through:

- a) an attic or a loft, a closet, a wardrobe or any other inaccessible place, and
- b) a floor, a ceiling, a wall, or a partition made from combustible material.

3.4 The minimum space required between a connector flue pipe and an unprotected combustible material and/or surface is 450 mm (18"). However, this minimum required space can be reduced with the addition of an ASTON thermal protective heat shield.

#### 4. INSTALLATION METHOD FOR ASTON CONNECTOR FLUE PIPES

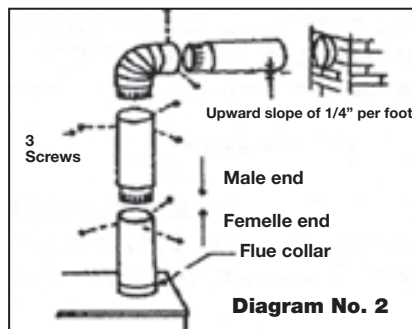
4.1 When the connector flue pipe is used for only one heating appliance, it must be of the same diameter as the flue collar (gas flow exhaust) of the appliance. See diagram No. 2 below:

4.2 When the connector flue pipe is used for several appliances, the diameter of the connector flue pipe must be so that its cross-section area is equal to or greater than the total of the appliances' flue collar cross-section area it serves.

4.3 Insert the male end of the connector flue pipe section into the appliance flue collar. Then secure this section to the flue collar with three metal screws.

4.4 Install the required sections of connector flue pipe (N.B. The male end must point toward the appliance), the horizontal section must have a minimum upward slope toward the chimney of 1 in 50 units (see diagram No. 2). The joint at each section must be secured with 3 metal screws.

4.5 Then, the connector flue pipe must be inserted into the metal collar or the connector of the chimney, or into the adapter of a prefabricated chimney. The connector flue pipe must not enter the interior of the chimney flue. The connector flue pipe must form an airtight assembly with the chimney.

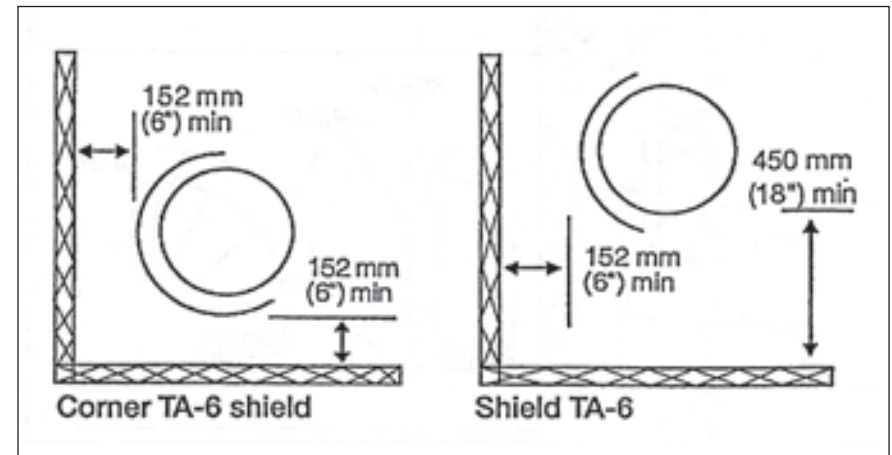


4.6 The horizontal sections of the flue pipe must be firmly supported every three (3) feet with a metal support or any other non combustible material having a melting point of no less than 1100°C (2012°F).

4.7 It is forbidden to install a heat exchanger device on the connecting pipe.

#### 5. UTILIZATION OF ASTON'S CERTIFIED THERMAL HEAT SHIELD

When an Aston certified thermal heat shield is installed in accordance with the manufacturer's instructions, the Aston connector pipe, including the thermal heat shield may be placed 152 mm (6 inches) away from any combustible material as shown on the diagram below.



If the Aston thermal heat shield is not used the connector flue pipe installation must be in accordance with the standard CAN/CSA-B365-M "Installation code for solid-fuel-burning appliances and equipment.

#### ASTON THERMAL HEAT SHIELD INSTALLATION GUIDE

5.1 Each section of the shield is equipped with spacers to maintain the required distance between the shield and the connector flue pipe. Make sure that the spacers are not flattened and are perpendicular to the shield.

5.2 The sections (corner shield and sheeting shield) of the thermal heat shield are fixed to the connector flue pipe with metal screws provided with the kit and the ends of each section are joined to form a single protecting shield to completely protect the combustible material located 152 mm (6 inches) or more from the connector pipe.

5.3 When several sections are required, the ends must be joined to from a single running shield.

5.4 The Aston thermal heat shields are certified for installation on Aston connector pipes only. To install an Aston thermal heat shield on any other make of connector pipe, the clearance is increased to 228 mm (9 inches) in order to comply with the CSA B365-M standard (from 456 mm/18 inches to 228 mm/9 inches).