**Concentric Vent Kit – 3"**

**Concentric Vent Installation Instructions**

1. **Choose a location for the Concentric Vent.** Refer to Figure 3 for proper pipe installation:
   - The Concentric Vent is designed for use in high efficiency furnaces and boilers. The installer is responsible for ensuring that the Concentric Vent is installed in accordance with the manufacturer's instructions.
   - The Concentric Vent is mounted on the roof or wall of the building, and is designed to exhaust the air and combustion gases from the furnace and boiler.

2. **Partial assembly Concentric Vent kit.** Follow furnace installation instructions for installation:
   - Partially assemble the Concentric Vent kit. Follow furnace installation instructions for details on how to assemble the kit.

3. **Determine the best location for the Concentric Vent.**
   - Determine the best location for the Concentric Vent according to the guidelines provided in the furnace installation instructions.

4. **Cut a 5" diameter hole for CVENT-3, 3" kit.**
   - Cut a 5" diameter hole in the roof or wall where the Concentric Vent will be installed.

5. **Secure to structure (Figure 7) using metal strapping.**
   - Secure the Concentric Vent to the structure using metal strapping.

6. **Install "Y" fitting and pipe assembly through hole.**
   - Install the "Y" fitting and pipe assembly through the hole in the roof or wall.

7. **Install combustion air inlet cap and small diameter pipe (Figure 1).**
   - Install the combustion air inlet cap and small diameter pipe (Figure 1).

8. **Install boot/flashings (user supplied).**
   - Install boot/flashings (user supplied) to ensure a proper seal.

9. **Cement to structure (Figure 7) using metal strapping.**
   - Cement the Concentric Vent to the structure using metal strapping.

10. **Cement furnace combustion air and vent pipes to intake/vent shown in the basic furnace installation instructions.**
    - Cement the furnace combustion air and vent pipes to the intake/vent shown in the basic furnace installation instructions.

**WARNING:**
- Do not use field supplied couplings to extend pipes. Do not extend pipes with Schedule 40 PVC or couplings. The additional wall thickness may be replaced by using same diameter, field supplied Schedule 40 PVC or couplings.

**CAUTION:**
- Do not exceed field supplied couplings in external plans.

**NOTE:**
- Some local code inspectors are not familiar with this unit of CSA or ULC certified Schedule 40 PVC, PVC-DWV, or Schedule 80 PVC (D2241) only may be used for extending pipes. Do not extend pipes with Schedule 40 PVC or couplings. The additional wall thickness may be replaced by using same diameter, field supplied Schedule 40 PVC or couplings.

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