

VENTING INSTRUCTIONS

THE METHOD OF VENTILATION MUST BE APPROVED BY THE LOCAL CODE ENFORCEMENT AGENCY PRIOR TO EQUIPMENT INSTALLATION.

1. The smoker ventilation system should comply with this manual and the current edition of NFPA® 96.
2. It is recommended that Local Code Officials and a Commercial Kitchen Ventilation Contractor be consulted prior to installation.
3. Provisions must be made for adequate air supply for the smoker. If the smoker is to be installed in a sealed room or building utilizing exhaust fans, the room must be supplied with a return air system. Return air must be equal or in excess of the exhausted air.
4. The smoker should be positioned to provide a direct, or shortest, path to the outside for the exhaust duct.

Minimum Clearance Requirement from Combustible Material

Back.....18” (457mm)	Firebox Door Side.....24” (610mm)
Top.....18” (457mm)	Service Bay Side.....18” (457mm)
Front.....48” (1219mm)	

NOTE: If provision is made for service access, service bay side & back clearance can be reduced to 2” (51mm). Through the wall insulation kit allows for 0” clearance on contact surface with combustibles.

VENTING INSTRUCTIONS (continued)

OPTION 3: DIRECT VENT INSTALLATION (THROUGH THE WALL SHOWN)

With the purchase of the optional smoke extractor damper the smoker may be installed inside the building or through the wall and directly vented outside. The smoke extractor damper, along with a customer supplied exhaust fan and chimney, evacuates the smoke from the smoker prior to fully opening the product loading doors. When the doors are opened the smoker extractor damper and exhaust fan are activated to remove the smoke from the smoker.

- When installing a smoker through a wall constructed of combustible material, use the appropriate **Southern Pride Through the Wall Insulation Kit** between the smoker and the wall.
- The room that the smoker is installed into should have a balanced or slightly positive air pressure. If the room has negative air pressure smoke could escape from smoker into the room during operation.
- **Use of a smoke extractor damper requires the smoker to be a rear flue configuration.**

SUPPLIED BY CUSTOMER:

- **6" (152 mm) all fuel chimney, or duct complying with NFPA® 96, for smoker flue**
- **6" non-restrictive rain cap for smoker flue**
- **10" (254mm) all fuel chimney, or duct complying with NFPA® 96, for smoke extractor**
- **UL approved exhaust fan (1,100 CFM, 1/4 horsepower or less)**
- **Ventilation system installation**

