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Installation, Operation and Maintenance Instructions

ACID NEUTRALIZER KITS

MODELS BKI-250, BKI-750, BKI-2000, BKI-3000 & BKI-6000

- 1) Do Not install in a traffic area or in an area that can cause a safety hazard. Install in a safe location.
- 2) Do Not make any size reductions to the connections at the Acid Neutralizer unit. Keep the drain piping and fittings used, consistent with the size of the appliance condensate drain connection and the Acid Neutralizer connections.
- 3) Do Not torque the inlet or outlet fittings when installing male pipe adaptors. Use opposing channel-lock pliers' to stabilize the fittings when tightening.
- 4) Use union fittings (supplied by others) on both the inlet and outlet piping at the unit to allow for easy removal of the Acid Neutralizer unit.
- 5) Do Not install any isolation valves in the condensation drain lines or at the Acid Neutralizer unit.
- 6) Confirm that all condensate lines are trapped at some point. Traps stop flue gases from passing thru the condensate line and into the mechanical room.
- 7) The inspection plug has a hole drilled thru it, used as an overflow / vent opening. If condensate should leak thru this opening, this would indicate that the line or unit is plugged.
- 8) Condensation drain lines are not pressurized and drained by gravity. Appropriately pitch all condensation drain lines to a floor drain. If no floor drains are available, gravity drain neutralized condensate to an approved transfer pump system (available from BKI Ind.).
- 9) Twice a year, inspect the internals of the Acid Neutralizer unit by removing the inspection plug. If Acid Neutralization media is low or in need of replacement, remove from the system, flush and rinse the internals with water. Replace the calcium carbonate media to approximately 3/4 full and reinstall the unit back into the system.
- 10) Do Not replace the media fill with any material other than an approved acid neutralization media. **Contact BKI Industries for Replacement Calcium Carbonate Media.** www.bkiindustries.com