Gaylord Ventilators are designed to meet...

2. Approval Notes.
4. Important Notice.
5. Approved for Fabrication.
7. Informational Notes.

**SPACE CONDITIONS IN HOT AND HUMID CLIMATES / STEAM COOKING EQUIPMENT**

- **ASHRAE Standard 154.**
- For more information on acceptable methods of Make-up Air Delivery reference ASHRAE Standard 154.

**MAKE-UP AIR REQUIREMENTS**

- Make-up Air Delivery Guidelines:
  - Gaylord "PBW" plenum boxes shall be included for each ventilator
  - The amount of make-up air delivered through the Gaylord "PBW" plenum boxes shall be between 50% and 100% of the values shown on the Plan View for the Exhaust Ducts for each ventilator.
  - The make-up air delivered using Gaylord "PBW" plenum boxes shall not exceed 60% of the exhaust volume of the ventilator.
  - Ceiling diffusers shall be at least 15'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 150 Feet per Minute (FPM).
  - Ceiling diffusers shall be 15'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 75 Feet per Minute (FPM).
- Make-up air shall not exceed 0.05" W.G. relative to the dining or adjacent spaces, as stated in NFPA-96 and ASHRAE Standard 154.

**ELECTRICAL**

- The exhaust ventilator shall be installed in a convenient location.
- If an exhaust fan is to be used, it is advisable to size the exhaust fan for a flow rate of 600-1200 cfm.
- Ceiling diffusers shall be at least 15'-0" from all sides of the ventilator.
- The make-up air delivered using Gaylord "PBW" plenum boxes shall not exceed 60% of the exhaust volume of the ventilator.
- Ceiling diffusers shall be at least 15'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 150 Feet per Minute (FPM).

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- For more information on acceptable methods of Make-up Air Delivery reference ASHRAE Standard 154.

**Following these guidelines will result in proper capture and containment at the ventilator and enact the Gaylord Capture Performance Guarantee. If hostile conditions cannot accommodate these guidelines, consult factory for alternative design.**

**Typical Design**

**Kitchen**

- Gaylord Ventilation Performance Guarantee
- Gaylord Ventilators are approved to EN 13509-2:2007 (VAV) and EN 18501-2:2001 (VAV) for ventilation systems for buildings.
- Gaylord Ventilators are designed to meet...