**GAYLORD Capture Performance Guarantee**

Gaylord warrants the Capture Performance of the ventilator, only if the Exhaust Air Volumes are correct, per the Exhaust Air Volume Guidelines, and the Make-up Air Volumes are correct and the make-up air is delivered correctly, per the Make-up Air Delivery Guidelines as stated below:

**Exhaust Air Volume Guidelines:**

1. The amount of air exhausted by the Gaylord Ventilator shall be between 100% and 110% of the values shown on the Plan View for the Exhaust Ducts for each ventilator.

**Make-up Air Delivery Guidelines:**

1. Gaylord "PBW" Plenum boxes shall be included for each ventilator
2. The amount of make-up air delivered through the Gaylord "PBW" plenum boxes shall be between 90% and 100% of the values shown on the Plan View for the Supply Ducts for each ventilator.
3. The make-up air delivered using Gaylord "PBW" plenum boxes shall not exceed 60% of the exhaust volume of the ventilator
4. Ceiling diffusers shall be at least 10'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 150 Feet per Minute (FPM)
5. The maximum velocity of the make-up air from Transfer Air, Diffusers, etc. shall not exceed 75 FPM at the ventilator
6. Cross drafts from pass through windows, hallways, or other openings shall not exceed 50 FPM
7. All forms of make-up air introduction (PBW, Transfer Air, Diffusers, etc.) must be evenly distributed around each ventilator in a manner that allows the make-up air to be delivered to the kitchen evenly for best results. See the “Typical Design” drawing.
8. Ventilators manufactured in multiple sections may have separate light circuits to the individual sections, or a single light circuit can be supplied with bolts, clips, and all necessary hardware for the ventilator installer.
9. Lighting fixtures in ventilators will provide less than 30 foot candles of light at the cooking surface as a standard, unless otherwise noted on Section View. Confirm if this is brought in throughout the kitchen for lighting comfort and reduce the growth of pathogenic or allergenic organisms. It should be noted that exceeding these conditions cannot accommodate these guidelines, consult factory for alternative design.
10. Ventilator plumbing is disconnected for shipment to be reconnected by the ventilator installer.
11. Make-up air delivered using Gaylord "PBW" plenum boxes shall not exceed 60% of the exhaust volume of the ventilator.
12. Ceiling diffusers shall be at least 10'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 150 Feet per Minute (FPM)
13. The maximum velocity of the make-up air from Transfer Air, Diffusers, etc. shall not exceed 75 FPM at the ventilator
14. Cross drafts from pass through windows, hallways, or other openings shall not exceed 50 FPM
15. All forms of make-up air introduction (PBW, Transfer Air, Diffusers, etc.) must be evenly distributed around each ventilator to prevent unequal pressurization of the kitchen.
16. Ventilators manufactured in multiple sections may have separate light circuits to the individual sections, or a single light circuit can be supplied with bolts, clips, and all necessary hardware for the ventilator installer.
17. Ceiling diffusers shall be at least 10'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 150 Feet per Minute (FPM)
18. The maximum velocity of the make-up air from Transfer Air, Diffusers, etc. shall not exceed 75 FPM at the ventilator
19. Cross drafts from pass through windows, hallways, or other openings shall not exceed 50 FPM
20. All forms of make-up air introduction (PBW, Transfer Air, Diffusers, etc.) must be evenly distributed around each ventilator to prevent unequal pressurization of the kitchen.

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