Static Pressure Calculations

 The performance of each fan is rated at 10,000 CFM at 13”WC. See attached for performance data.

Here is a summary of the static pressure calculations for each system. See attached drawing for a breakdown.

System #1: 11.16”WC

System #2: 12.66”WC

Note: Friction losses are based upon the vales in the Industrial Ventilation manual