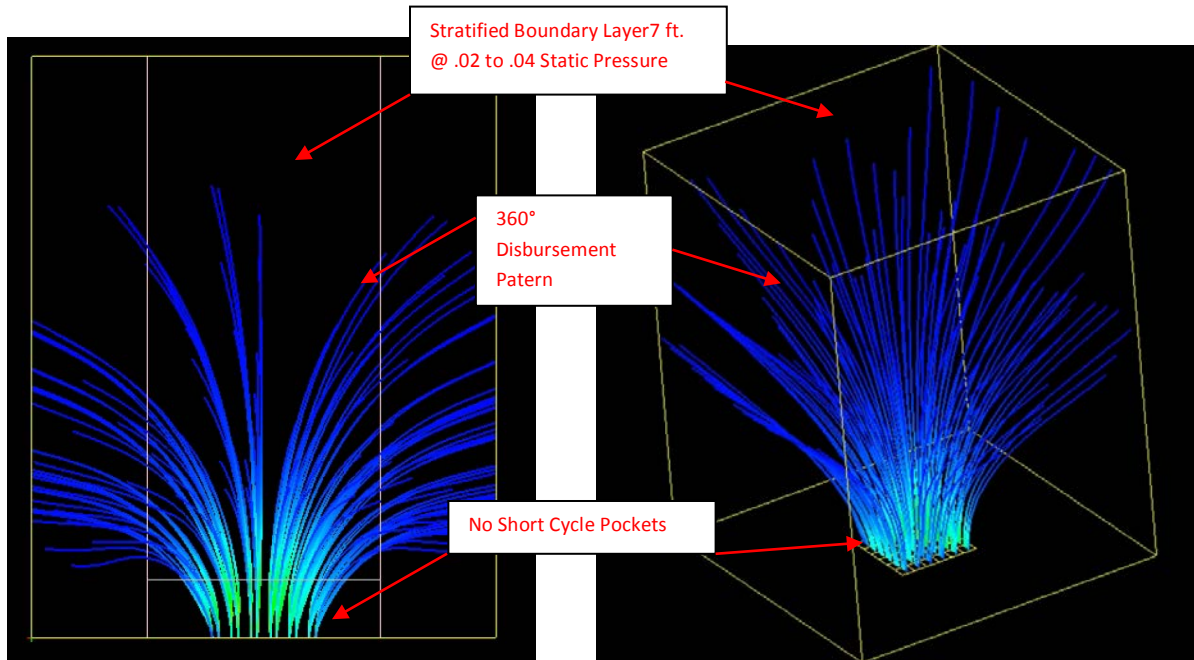
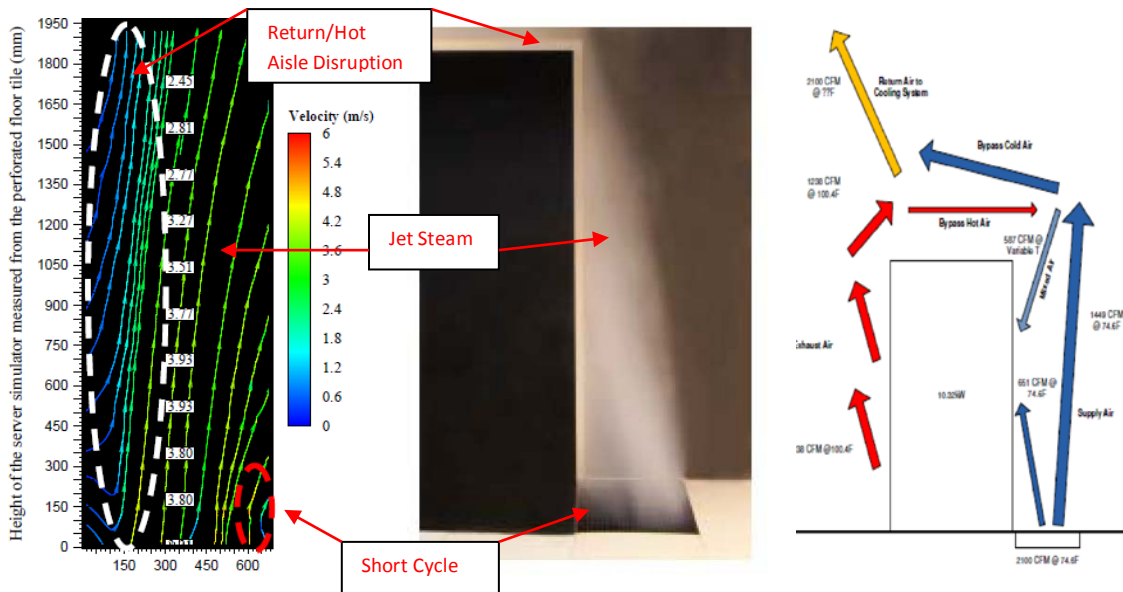


# Cold aisle Stratification Cooling

## Vs. Jet Stream Return/Hot Aisle Disruption



3 Legs of Passive Cooling: 1. Eliminate Short Cycle, 2. 360° Disbursement, 3. 7 ft. Stratification



Jet Stream Contamination: 1. Short Cycle, 2. Lack Disbursement, 3. Return Air/Hot Aisle Disruption

Chart References: Triad 36 Point CFD Model; G.W. Woodruff School of Mechanical Engineering; Optimizing Capacity & Efficiency in a Diverse & Variable environment, Daniel Kennedy, 8/5/2010