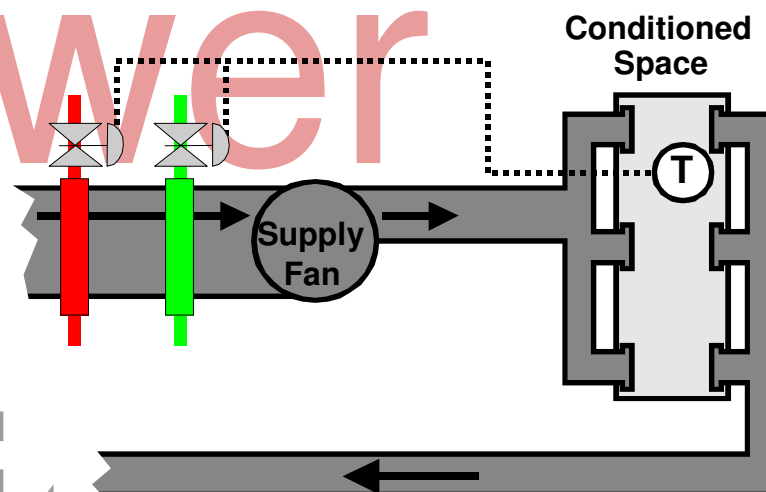
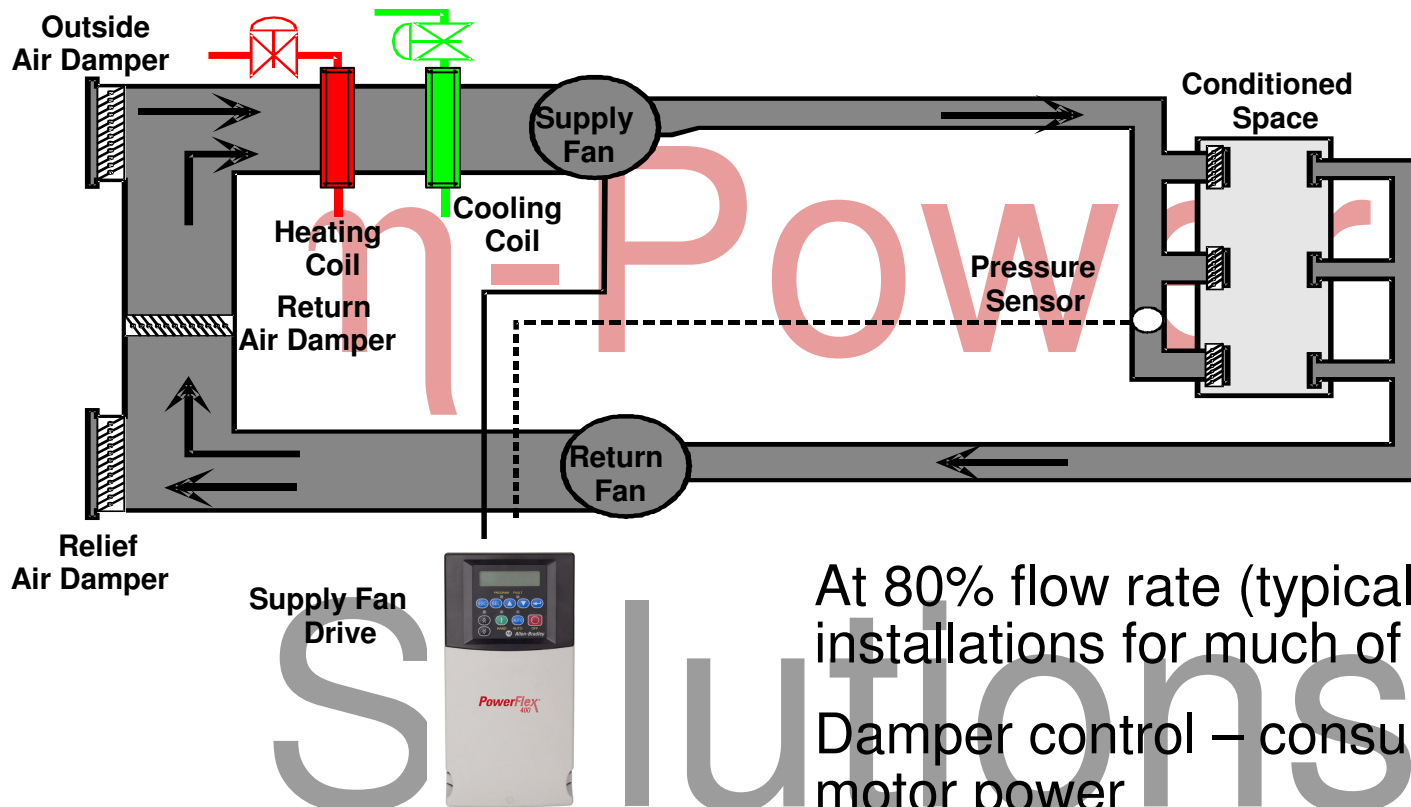


Variable Air Volume – Traditional Approach

- Outlet Dampers
 - Low efficiency; often more than one per fan; require maintenance
- Inlet Guide Vanes (IGVs)
 - Moderate efficiency; one per fan require maintenance
- Variable Pitch Axial Fans
 - High efficiency; require high maintenance
- Eddy Current Drives
 - Low efficiency at low speeds; high maintenance



Solution to Variable Air Volume System



VFD control - consumes only 51% of motor power

Solution for Constant Air Volume System

For CAV installations VFD Control provides:

- Energy Savings
- Air Balancing
- IAQ Control
- Scaleable & Flexible Design
- Low acoustic noise
- No Hot/cold spots

