

## **Cooling Only VAV Boxes**

### **Occupied Mode**

An individual zone sensor (one per zone/box) transmits zone temperature and zone setpoint information to the VAV box controller. The controller in turn modulates the primary air damper in order to deliver the appropriate amount of cool air from the medium pressure duct into the zone. As the zone temperature falls toward setpoint, the damper is modulated closed toward its minimum position. When the zone temperature reaches setpoint, the damper reaches its minimum position.

### **Unoccupied and Morning Warmup Modes**

The primary air damper is driven fully open during the unoccupied mode, to allow for main air handler night setback and morning warmup heating cycles.