

NOTES:

1. SENSOR PART NUMBER VARIES WITH UNIT SIZE.
SEE REPLACEMENT PARTS LIST IN PRICE MANUAL.
2. OPTIONAL - FOR VELOCITY READOUT @ THERMOSTAT.
3. TRANSFORMER PART NUMBER VARIES WITH PRIMARY VOLTAGE.
SEE REPLACEMENT PARTS LIST IN PRICE MANUAL.

ITEM	PART NO	DESCRIPTION
1	10027720	CONTROLLER/ACTUATOR CSP-5001
2	10269607	THERMOSTAT CTE-5102-10
3	NOTE #1	FLO-CROSS SENSOR
4	NOTE #3	TRANSFORMER

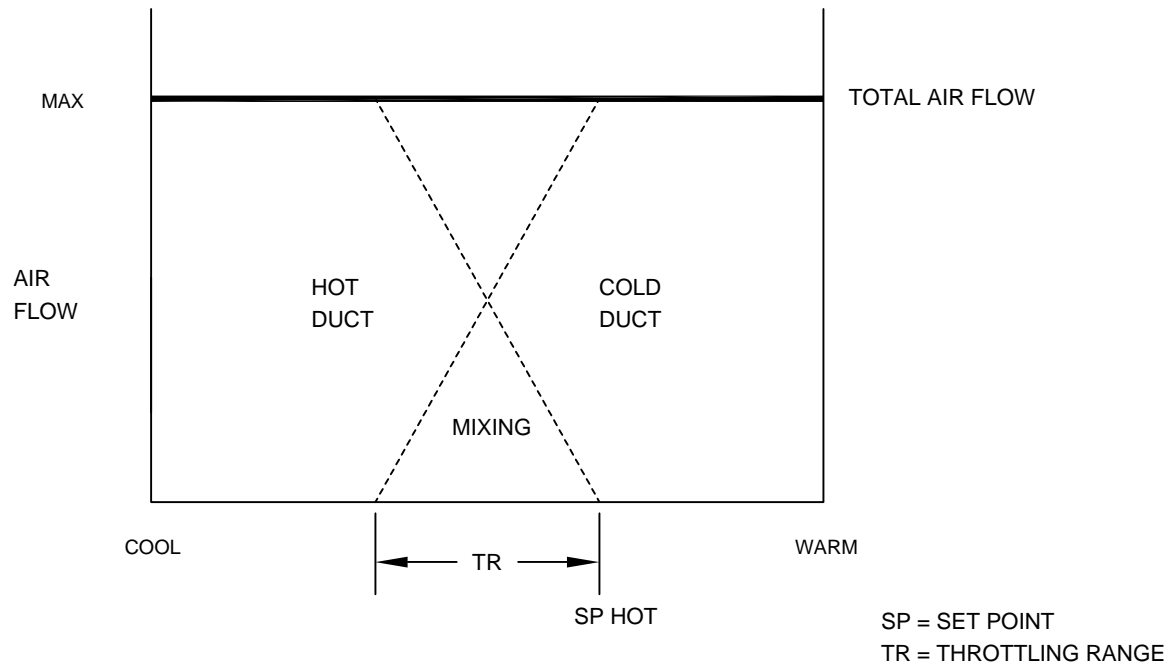
JOB NAME: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____

SUBMITTED BY: _____

REV LEVEL: A DATE: 9/01 DWG NO: 2400

DDV DUAL DUCT VAV
 ANALOG ELECTRIC CONTROLS
 Direct Acting Cold, Reverse Acting Hot
 Mixing (Total Air Flow Control)

CONTROL DIAGRAM



SPACE TEMPERATURE

SEQUENCE OF OPERATION

1.) MIXING

Hot duct air flow increases when the room temperature is below set point. Simultaneously, the cold duct decreases air flow, keeping the air volume constant. The opposite is true when room temperature is above set point.

2.) LOSS OF POWER

With a loss of power to the controllers, the dampers will fail in place.