

**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.

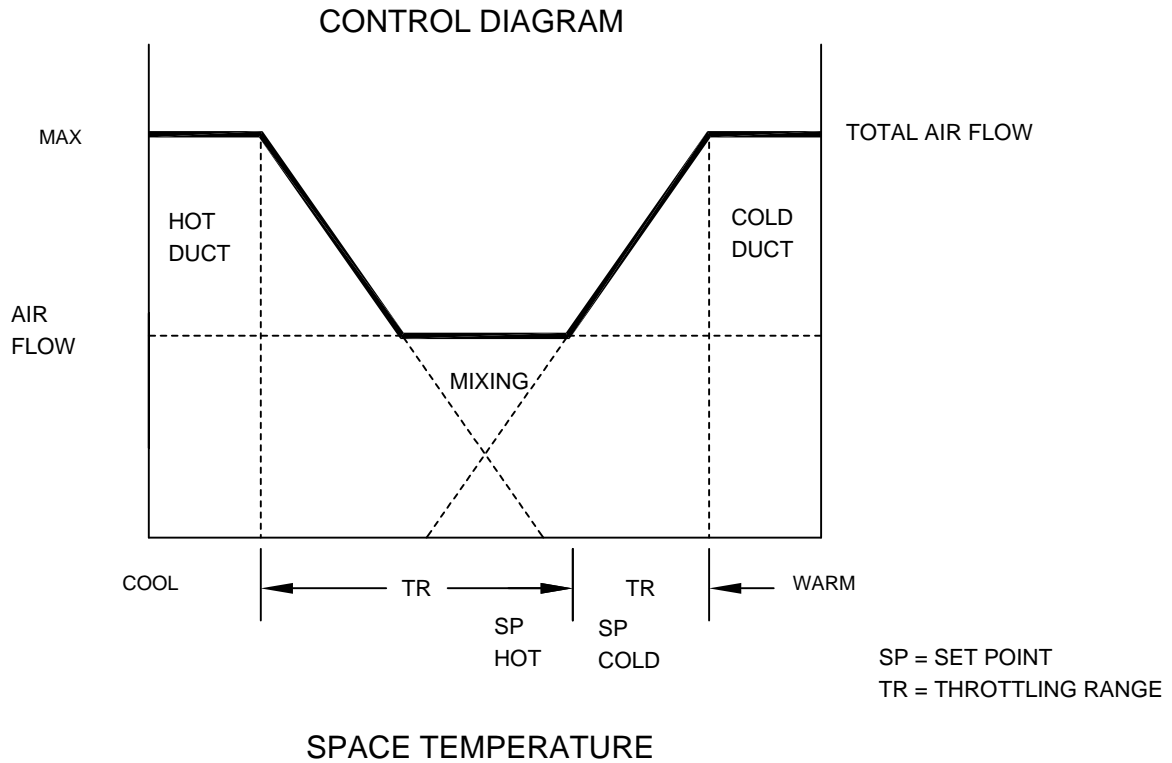
ITEM	PART NO	DESCRIPTION
1	10027720	CONTROLLER/ACTUATOR CSP-5001
2	*	THERMOSTAT CTE-5103-10
3	NOTE #1	FLO-CROSS SENSOR
4	NOTE #3	TRANSFORMER

JOB NAME: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

REV LEVEL: A    DATE: 9/01    DWG NO: 2401

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



### SEQUENCE OF OPERATION

#### 1.) MIXING

Hot duct air flow increases when the room temperature is below set point and decreases above the set point. When the hot duct decreases from minimum to zero the cold duct will open to maintain the minimum air flow. If the room temperature continues to be above the set point the cold duct air flow will continue to increase to maximum.

#### 2.) LOSS OF POWER

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