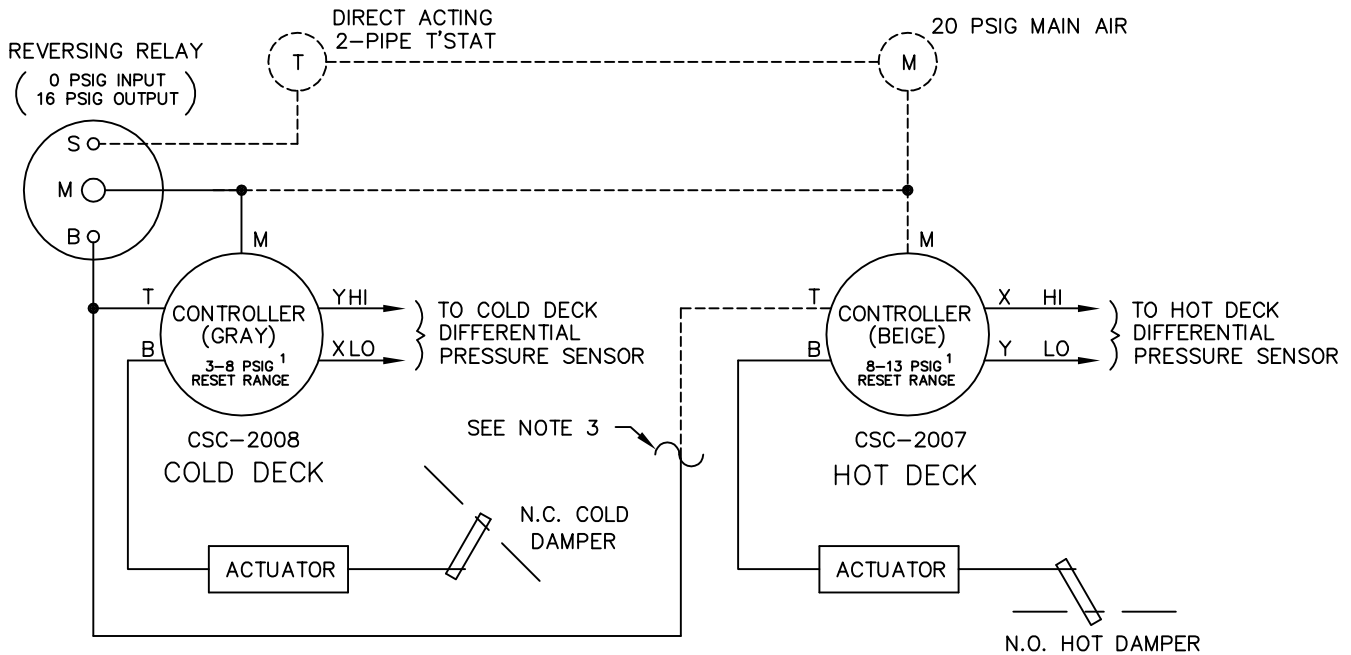
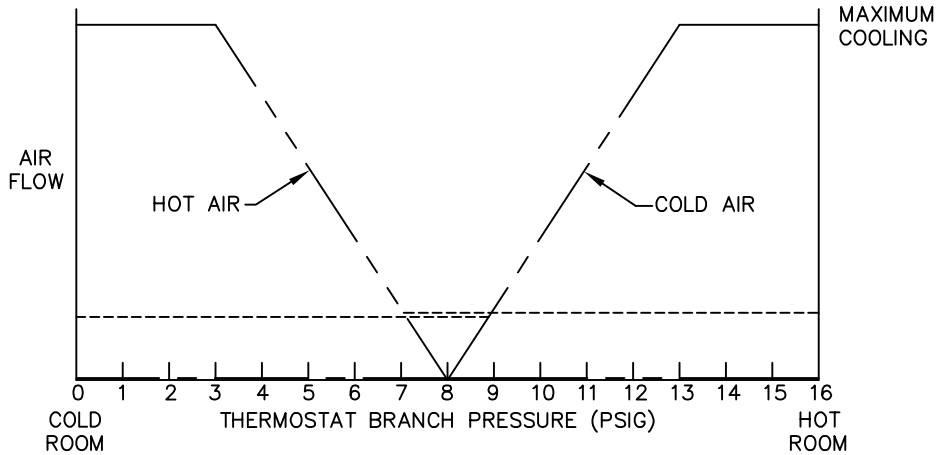


A direct acting, two-pipe thermostat is required. The cold air damper is normally closed and the hot air damper is normally open. With a warm space temperature, the cold air damper is controlling at the maximum cooling air flow set-point and the hot air damper is closed. As the space temperature drops, the cold air damper modulates to shut off and then the hot air damper begins to open. If the space temperature continues to drop, the hot air damper opens to the maximum heating air flow set-point.



¹ CONTROLLER REQUIRES FIELD CALIBRATION AND SET UP UNLESS OTHERWISE SPECIFIED. CONTROLLER RESET RANGE WILL VARY WITH AIR FLOW LIMITS.

² COLD AIRFLOW THROTTLE RANGE IS FIELD ADJUSTABLE TO OBTAIN DESIRED DEADBAND. ADJUST REVERSING RELAY BIAS FOR 16 PSI OUT WITH 0 PSI IN FOR DEADBAND AS SHOWN IN GRAPH ABOVE.

³ SHIPPED COILED UP AND SECURED ON THE OPPOSITE SIDE OF UNIT AND TO BE FIELD CONNECTED BY OTHERS

————FACTORY PIPING - - - - -FIELD PIPING

PNEUMATIC AIR CONSUMPTION 1.6 SCFH

	TITLE: DD409R PRESSURE INDEPENDENT PNEUMATIC CONTROLS	DRN BY: WDD	DATE: 10/14/02	DRAWING NO. 22392
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