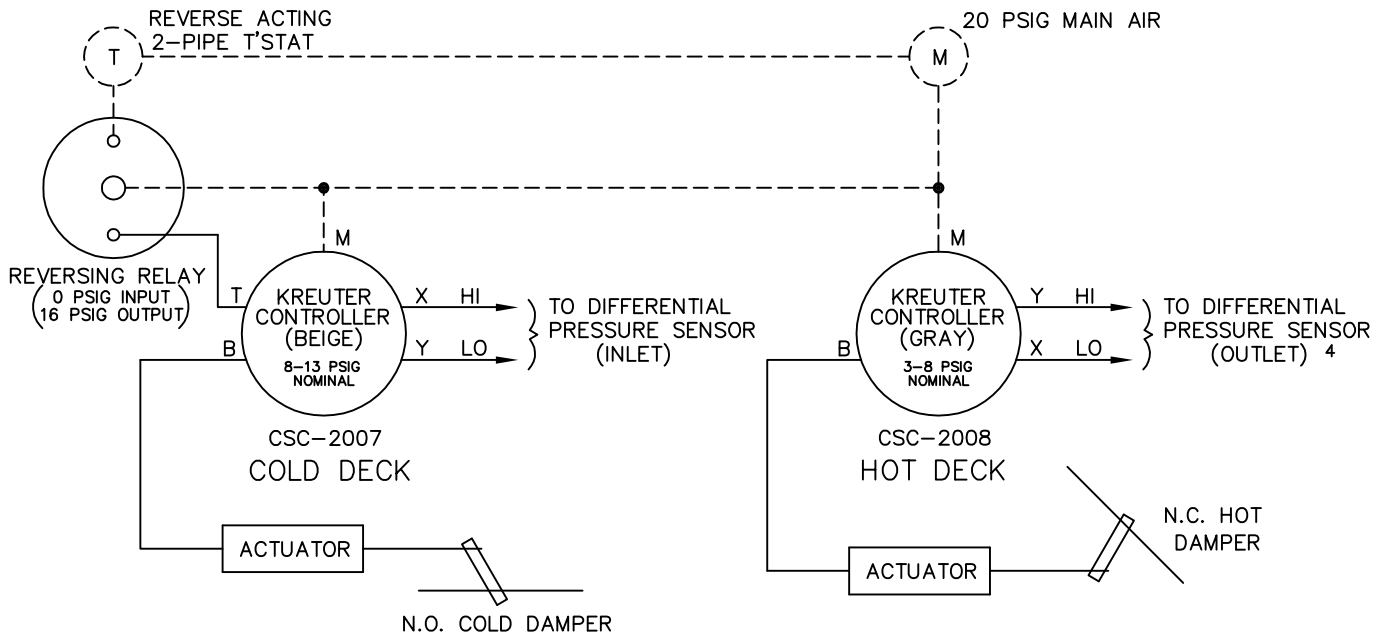
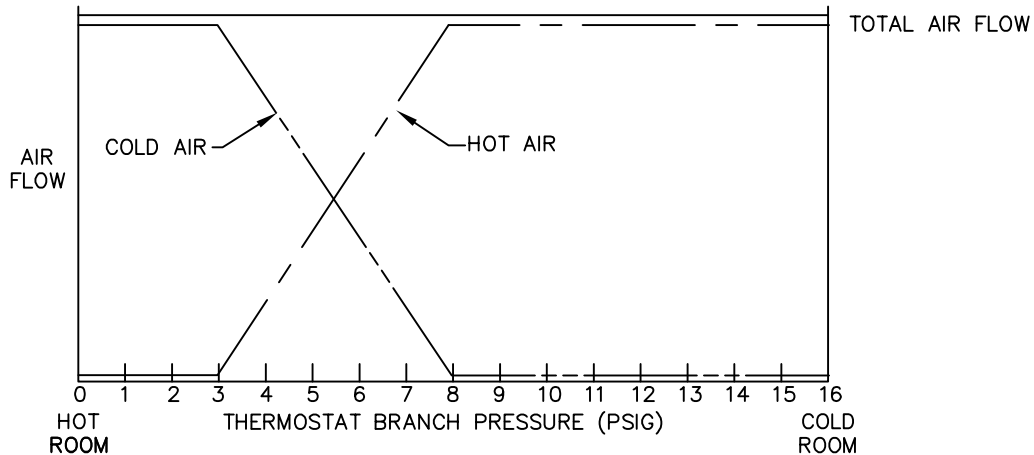


This sequence provides constant volume discharge control. A reverse acting, two-pipe thermostat is required. The cold air damper is normally open and the hot air damper is normally closed. When the space temperature is warm, the cold damper is controlling at the maximum CFM setting and the hot damper is closed. As the space temperature drops, the cold damper modulates closed as the hot damper opens. If the space temperature continues to drop, the cold damper shuts off and the hot damper controls at the maximum CFM setting.



- 1 CONTROLLER REQUIRES FIELD CALIBRATION AND SET UP UNLESS OTHERWISE SPECIFIED. IF FACTORY CALIBRATION OPTION IS USED, THE RESET SPAN AND STARTPOINT WILL BE ADJUSTED AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED.
- 2 ADJUST HOT DECK CONTROLLER FOR CONSTANT VOLUME OPERATION AT MAXIMUM AIRFLOW SETPOINT

- 3 COLD AIRFLOW RESET START POINT MUST BE ADJUSTED TO 3 PSIG TO OBTAIN RESET RANGE SHOWN ABOVE.
- 4 THE CONTROLLER, WHICH IS CONNECTED TO THE DOWNSTREAM SENSOR, WILL REQUIRE FIELD ADJUSTMENT TO ASSURE PROPER AIR BALANCE AND OPERATION.

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

PNEUMATIC AIR CONSUMPTION 1.6 SCFH

	TITLE: DT408R PRESSURE INDEPENDENT PNEUMATIC CONTROLS	DRN BY: WDD	DATE: 10/21/05	DRAWING NO.
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