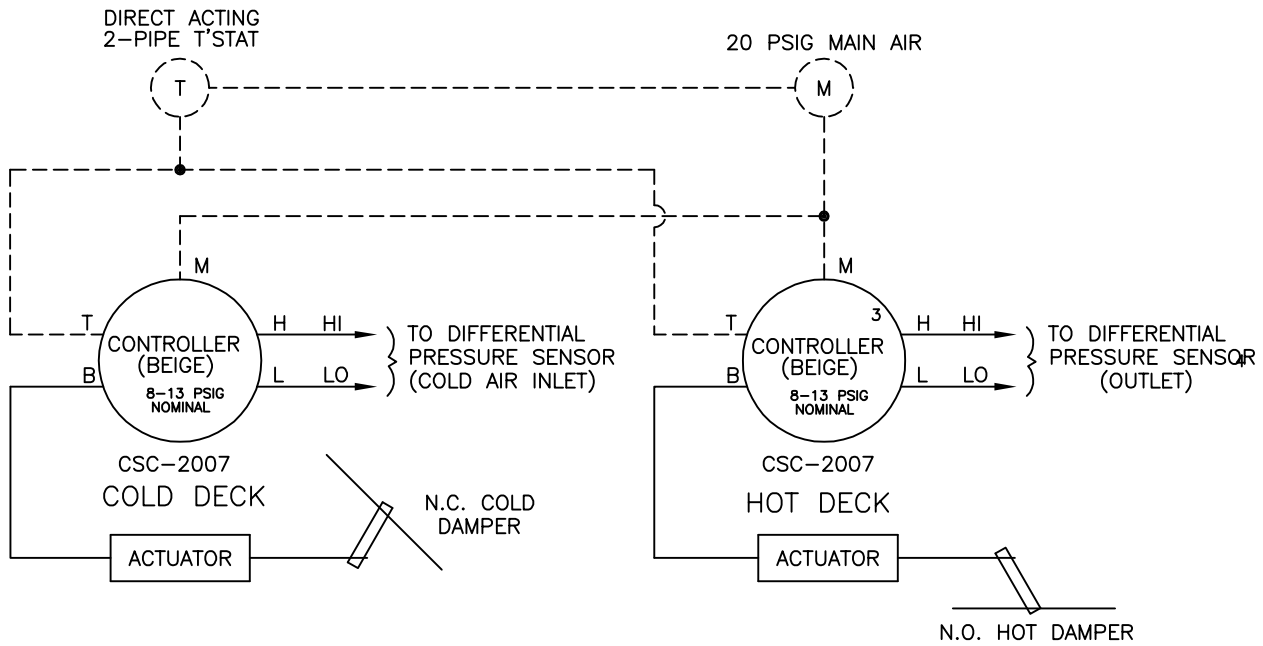
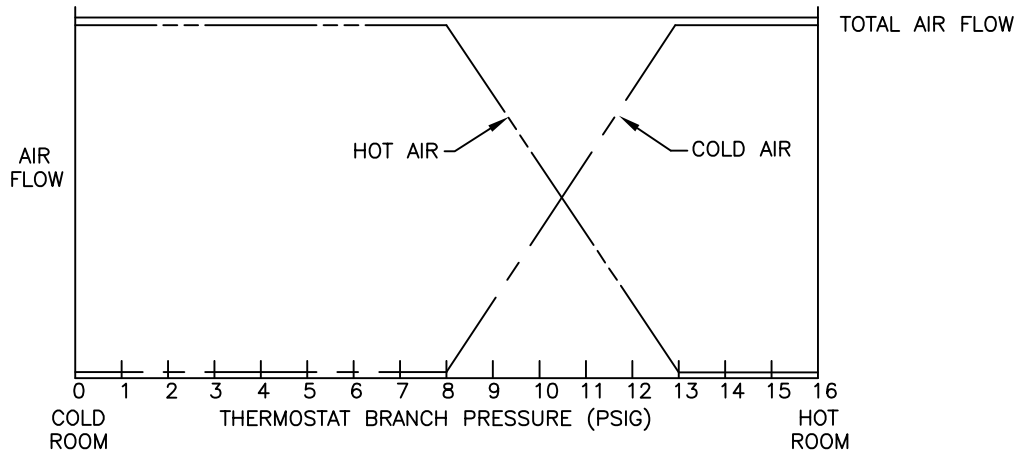


This sequence provides constant volume discharge control. A direct acting, two-pipe thermostat is required. The cold air damper is normally closed and the hot air damper is normally open. When the space temperature is warm, the cold damper is controlling at the maximum CFM setting and the hot damper is closed. As 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. CONTROLLER RESET RANGE WILL VARY WITH AIR FLOW LIMITS.

3 THE CONTROLLER, WHICH IS CONNECTED TO THE DOWNSTREAM SENSOR, WILL REQUIRE FIELD ADJUSTMENT TO ASSURE PROPER AIR BALANCE AND OPERATION.

2 ADJUST HOT DECK CONTROLLER FOR CONSTANT VOLUME OPERATION AT MAXIMUM AIRFLOW SETPOINT

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

PNEUMATIC AIR CONSUMPTION 2.0 SCFH



TITLE: **DT405R**
PRESSURE INDEPENDENT PNEUMATIC CONTROLS

DRN BY: WDD
DATE: 01/25/06

DRAWING NO. 28915

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CKD BY: WAE
DATE: 11/04/08
REV: 02