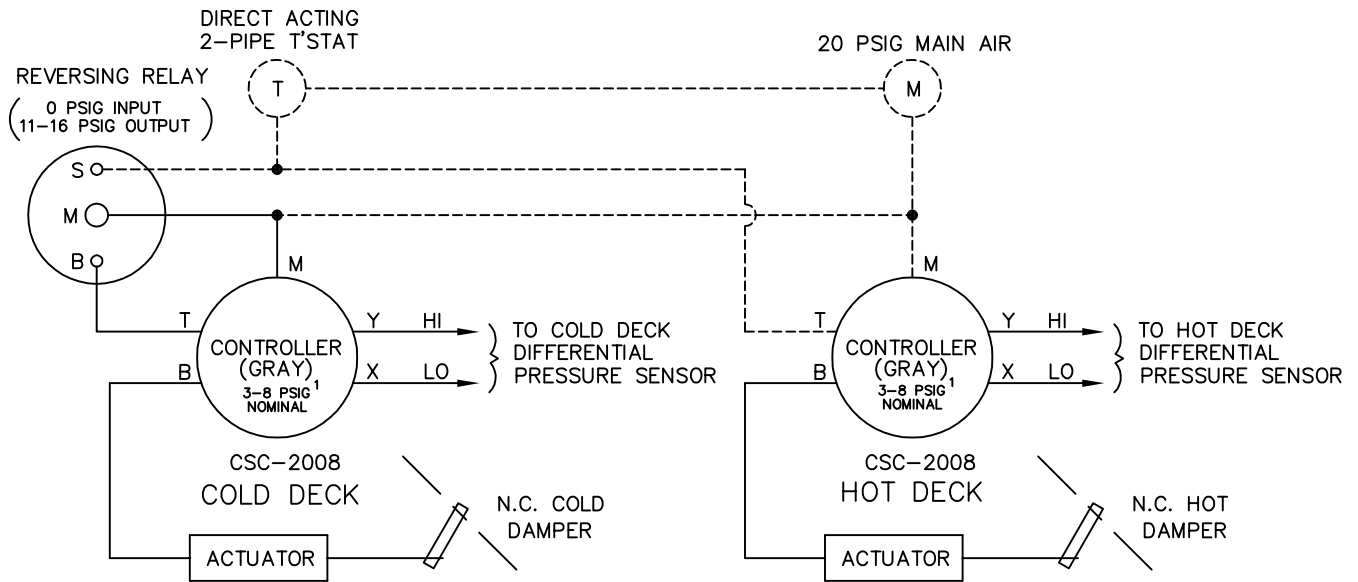
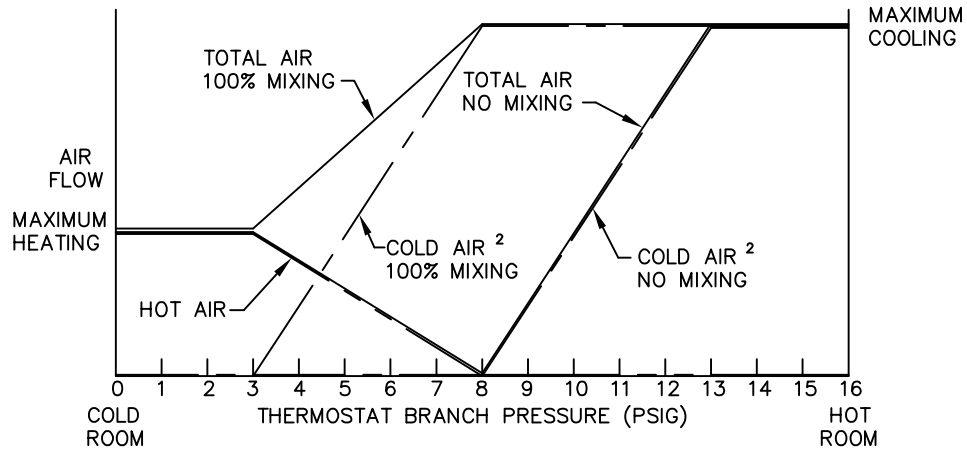


A direct acting, two-pipe thermostat is required. Both dampers are normally closed. Hot and cold decks are system pressure independent. Variable air volume is supplied to the space. When the space temperature is warm, the cold damper is controlling at the maximum CFM setting and the hot damper is closed. 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 its maximum CFM setting (independent of the cold air maximum CFM setting).



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 MIXING. FOR FULL MIXING, ADJUST REVERSING RELAY BIAS FOR 11 PSI OUT WITH 0 PSI IN. FOR NO MIXING, ADJUST REVERSING RELAY BIAS FOR 16 PSI OUT WITH 0 PSI IN.

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

PNEUMATIC AIR CONSUMPTION 1.6 SCFH



TITLE: **DD403R**
PRESSURE INDEPENDENT PNEUMATIC CONTROLS
THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION

DRN BY: **AWW** DATE: **05/20/97**
 CKD BY: **WAE** DATE: **10/28/08** REV: **05**

DRAWING NO. **19331**