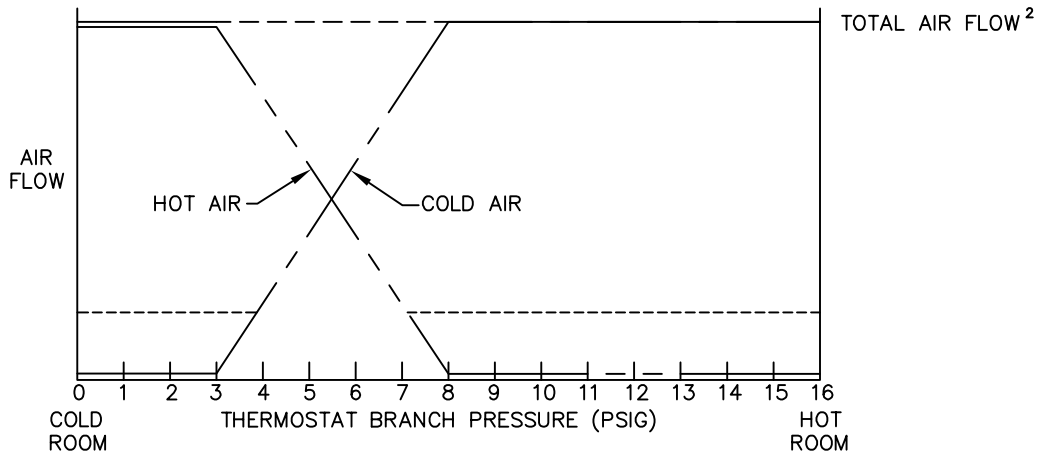
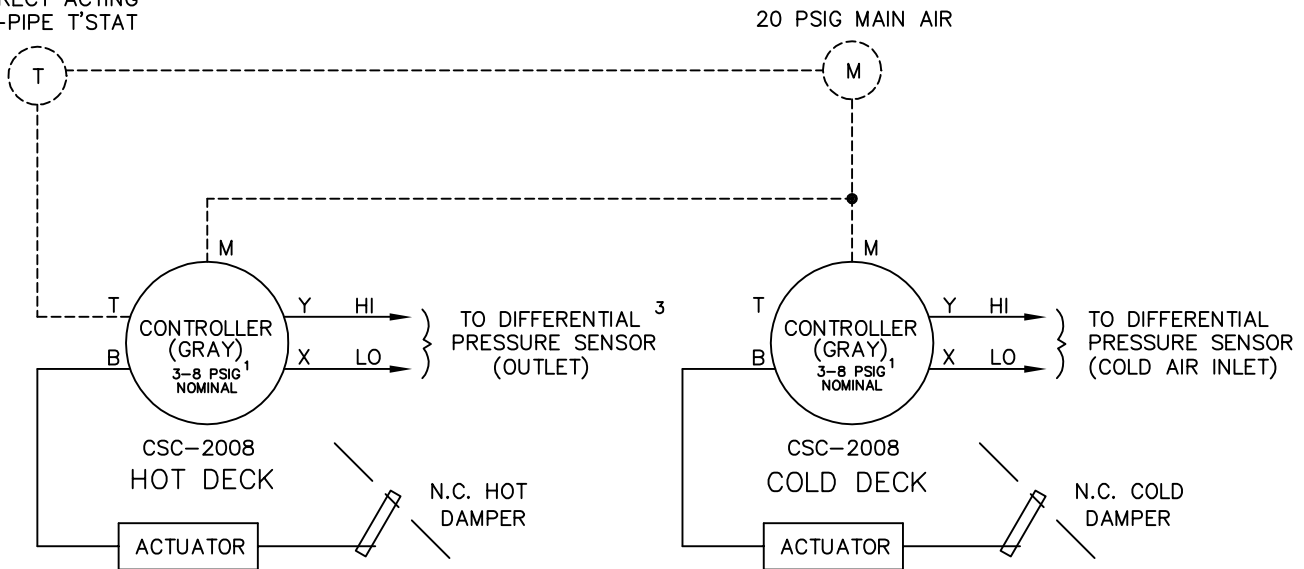


A direct acting, two-pipe thermostat is required. Both dampers are normally closed. Hot and cold decks are system pressure independent. Maximum heating and cooling airflow setpoints are constant. When the space temperature is warm, the cold damper is controlling at the maximum CFM setting and the hot 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.



DIRECT ACTING
2-PIPE T'STAT



¹ CONTROLLER REQUIRES FIELD CALIBRATION AND SET UP UNLESS OTHERWISE SPECIFIED. IF FACTORY CALIBRATION OPTION IS USED, THE RESET SPAN AND START POINT WILL BE ADJUSTED AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED. FACTORY SET AIRFLOW LIMITS ARE NOMINAL. 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 COLD DECK CONTROLLER FOR CONSTANT VOLUME OPERATION AT MAXIMUM AIRFLOW SETPOINT

————— FACTORY PIPING - - - - - FIELD PIPING
PNEUMATIC AIR CONSUMPTION 1.0 SCFH



TITLE:	DT401R	DRN BY:	WDD	DATE:	07/11/03	DRAWING NO.	22926	
	PRESSURE INDEPENDENT PNEUMATIC CONTROLS	CKD BY:	WAE	DATE:	08/28/08	REV:		02
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