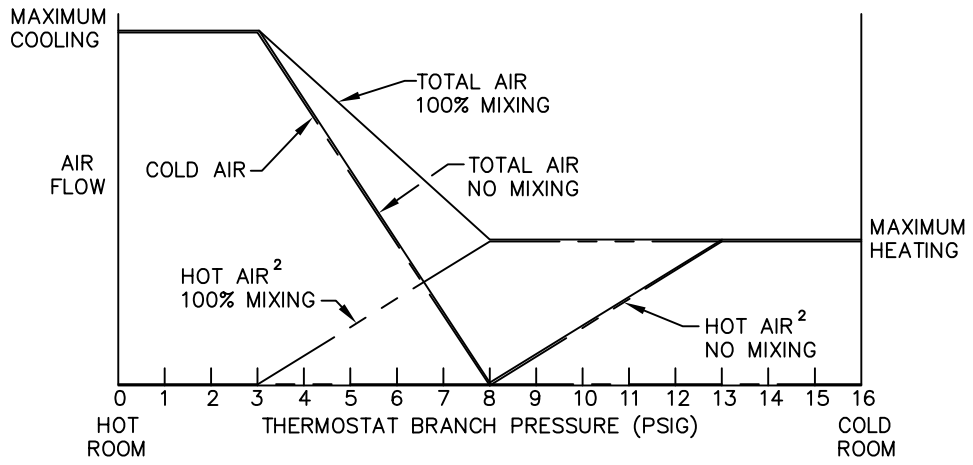
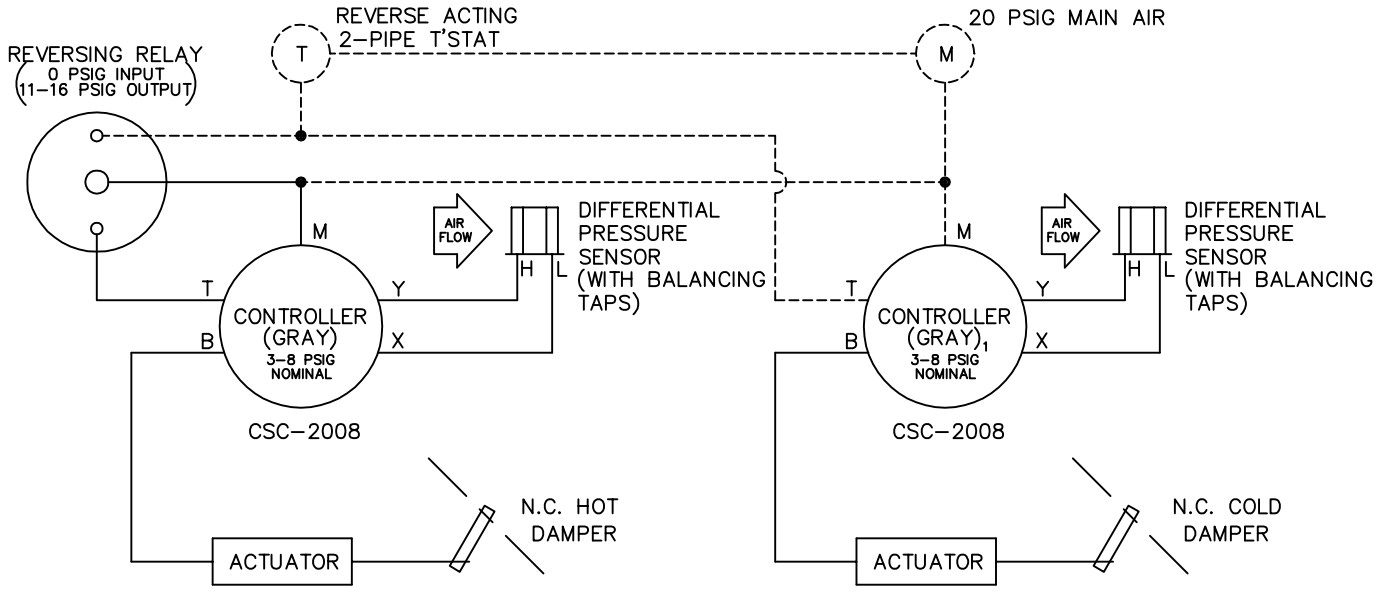
A reverse acting, two–pipe thermostat is required. Both dampers are normally closed. Hot and cold decks are system pressure independent. Variable air volume is supplied to the space. When the space temperature is warm, the cold damper is controlling at its maximum CFM setting and the hot damper is closed.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




[1] CONTROLLER RESET RANGE WILL VARY WITH AIR FLOW LIMITS

[2] HOT AIR FLOW THROTTLING RANGE IS FIELD ADJUSTABLE TO OBTAIN DESIRED MIXING (FACTORY SET FOR NO MIXING)

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

PNEUMATIC AIR CONSUMPTION 1.6 SCFH

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|---|---|---|---|---|
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