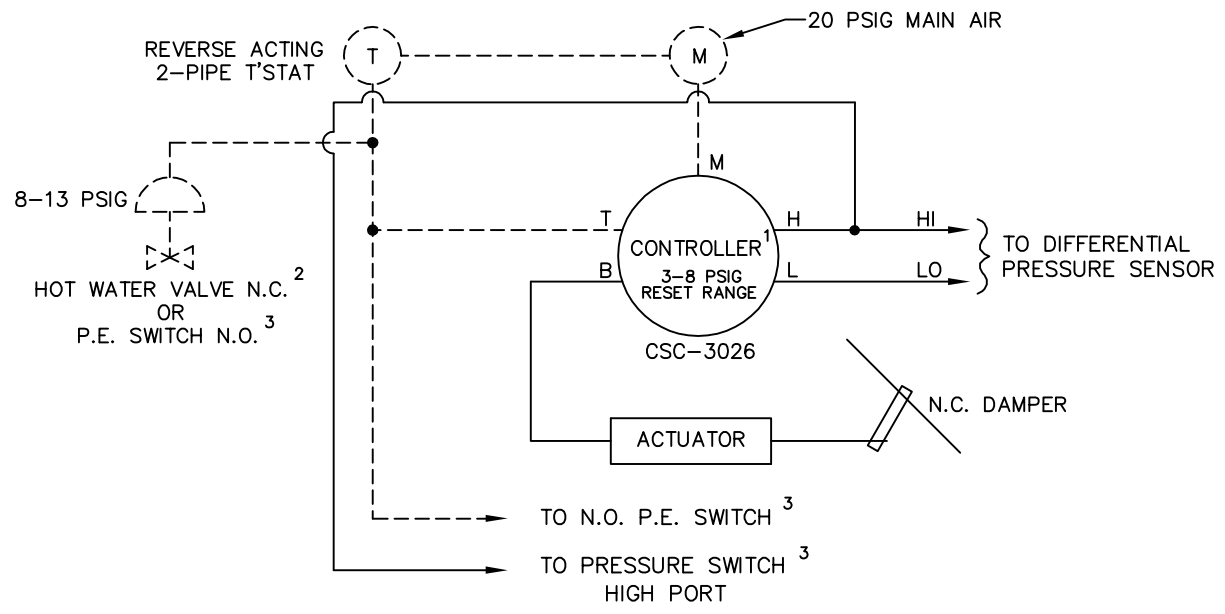
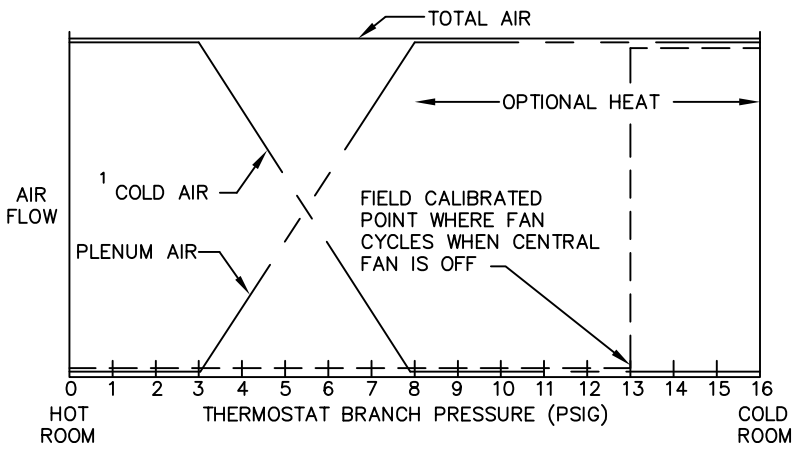


A reverse acting, two-pipe thermostat is required. Damper is normally closed. Optional reheat control will require a normally closed hot water valve or a normally open P.E. switch. All air to room flows through the fan. The thermostat modulates the cold air damper. Unit fan draws air either from the cold duct or the ceiling plenum to maintain a desired room temperature. If warm plenum air fails to satisfy load, an optional electric heater or hot water coil valve is energized. An air pressure switch deenergizes the unit fan when the central system is shut down. The thermostat will override this switch and start the unit fan on a call for heating. The controller can be calibrated to provide a constant reset range regardless of airflow limits.



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 HOT WATER VALVE SUPPLIED BY OTHERS P.E. SWITCH IS INCLUDED IN ELECTRIC HEATER

³ REFER TO MOTOR WIRING DIAGRAM OR ELECTRIC HEAT DIAGRAM (IF APPLICABLE).

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

	TITLE: FC405RC PRESSURE INDEPENDENT PNEUMATIC CONTROLS	DRN BY: AWW	DATE: 04/04/96	DRAWING NO. 17823
	<small>THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION</small>	CKD BY: WAE	DATE: 08/19/08	