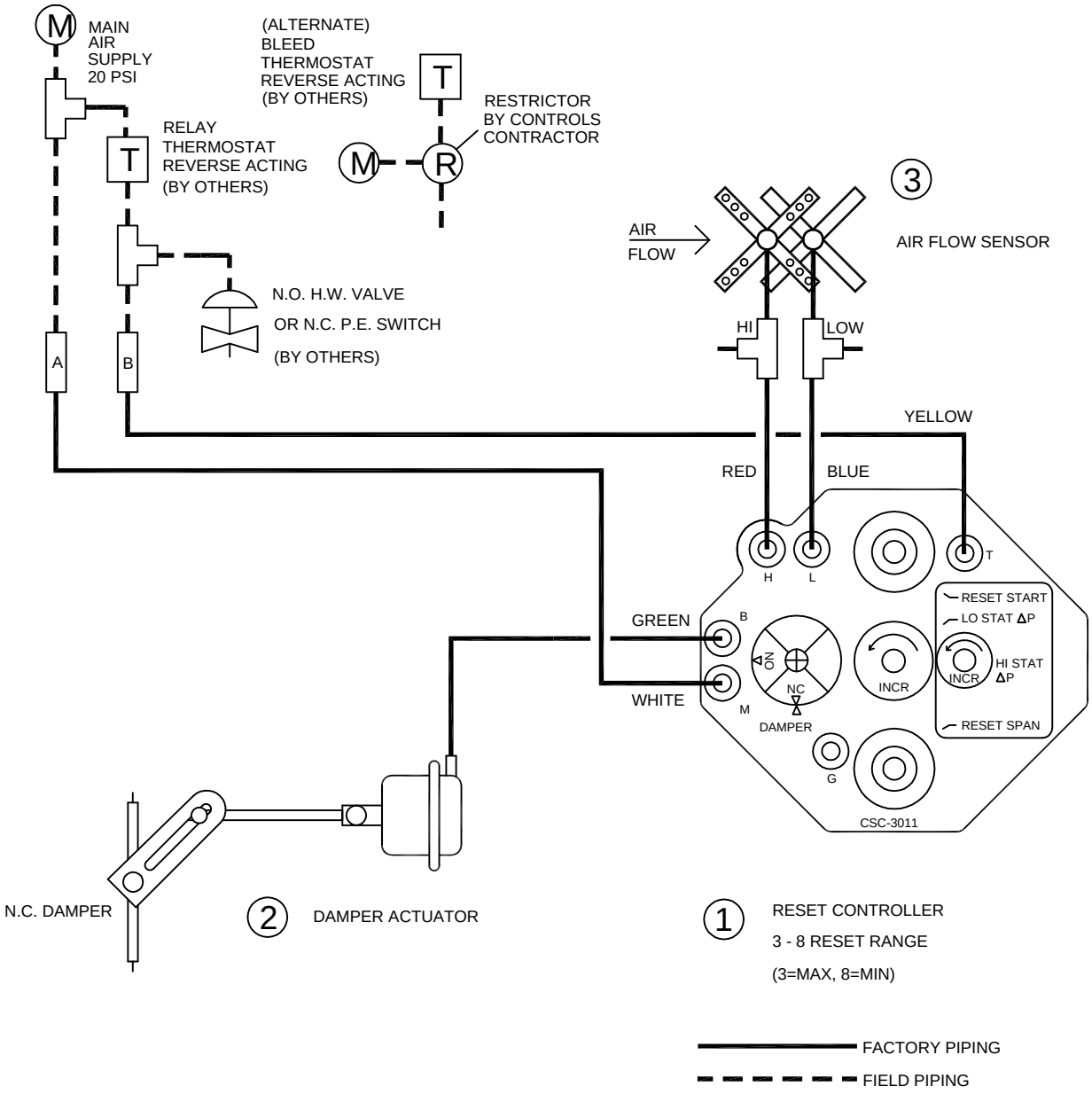
Tuttle & Bailey®

CONTROL PACKAGE



NOTES:

1. DAMPER FAILS NORMALLY CLOSED.
2. MAIN AIR SUPPLY CONSUMPTION IS 0.017 SCFM AT 20 PSIG.
3. PART NUMBER DEPENDENT ON UNIT SIZE.

ITEM	PART NO	DESCRIPTION
1	10065001	KMC CONTROLLER CSC-3011
2	10058501	KMC DAMPER ACTUATOR MCP-8031
3	NOTE 3	FLO-CROSS® SENSOR

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

SUBMITTED BY:

REV LEVEL: A | DATE: 9/01 | DWG NO: 1205

SDV SINGLE DUCT VAV

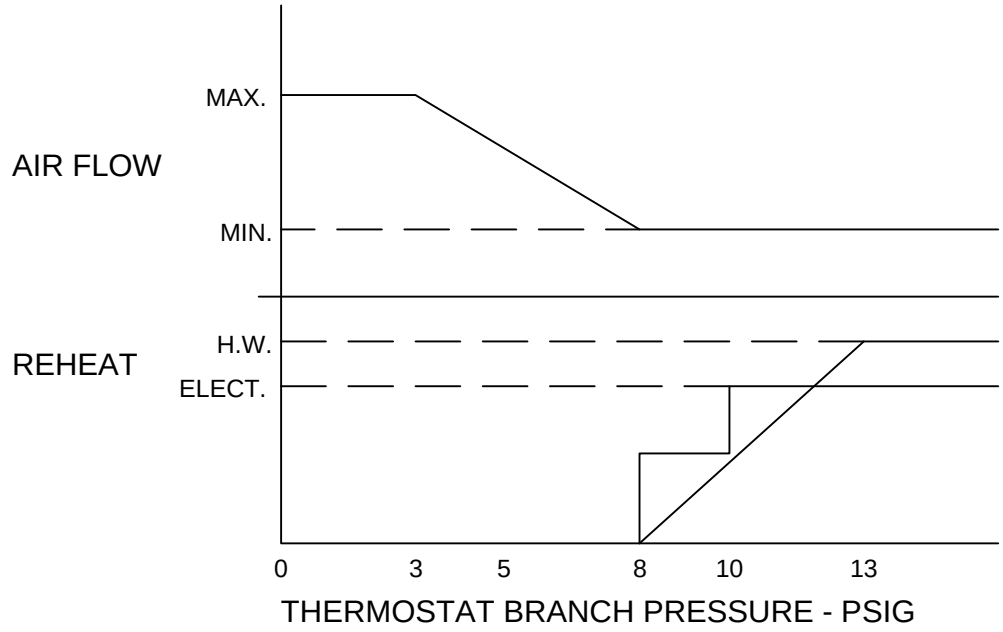
PNEUMATIC CONTROLS

Reverse Acting - Normally Closed

Tuttle & Bailey®

CONTROL PACKAGE 1205

CONTROL DIAGRAM



SEQUENCE OF OPERATION

1.) COOLING ONLY

Airflow is at minimum when thermostat branch pressure is above 8 PSIG. On a rise in room temperature, the thermostat branch pressure decreases to 3 PSIG and air flow increases to maximum. The reverse will occur, with a drop in room temperature.

2.) COOLING WITH REHEAT

Primary air flow is at minimum and the reheat is energized when thermostat branch pressure is between 8-13 PSIG. As room temperature increases reheat is sequenced off. With a further rise in room temperature the thermostat branch pressure decreases to 3 PSIG and primary airflow increases to maximum. The Reverse will occur with a drop in room temperature.

NOTE: Optional reheat control requires a normally closed hot water valve or normally open P/E switch.

3.) Damper fails closed with loss of pneumatic air.