



**SEQUENCE OF OPERATION:**

ON A CALL FOR COOLING, THE THERMOSTAT SIGNALS FOR THE HEATING CONTROL VALVE TO MODULATE TOWARD THE CLOSED POSITION. ON A FURTHER CALL FOR COOLING, THE THERMOSTAT SIGNALS FOR THE VOLUME DAMPER TO MODULATE FROM ITS MINIMUM SETTING TO ITS MAXIMUM SETTING.

ON A CALL FOR HEATING, THE THERMOSTAT SIGNALS THE VOLUME DAMPER TO MODULATE TOWARDS ITS MINIMUM POSITION. ON A FURTHER CALL FOR HEATING, THE THERMOSTAT SIGNALS THE HEATING COIL VALVE TO MODULATE TOWARD THE FULL OPEN POSITION.

**NOTE:**

SUPPLY UNIT  
DAMER-N.O.  
VALVE-N.C.  
T-STAT-R.A.  
BOX-R.A.

**SPECIFICATION:**

-VAV UNIT: TITUS MODEL PESV W/  
2-ROW HEATING COIL

-ROOM T-STAT: HONEYWELL MODEL  
TP970B W/ ADJUSTABLE  
COVER MODEL  
14004406-111

-CONTROL VALVE: HONEYWELL VP513B  
HONEYWELL V5011\_\_\_\_\_  
(SEE VAV SCHEDULE FOR  
COMPLETE MODEL NO.)

-CONTROL VALVE  
ACTUATOR: HONEYWELL MP953D1107  
(FOR V5011)

TYPICAL PNEUMATIC VAV UNIT W/  
REHEAT COIL CONTROL DIAGRAM - UH