

## SECTION 7 – PARAMETER DESCRIPTIONS AND OPTIONS

### PARAMETER DESCRIPTION AND OPTIONS (SETPOINTS)

The parameters listed in this section are setpoints **that are programmable** through the OCC. The parameters, or setpoints, are listed by Key Pad “groups” and are arranged in order as displayed on the OCC display. These setpoints are also listed in Table 21 and show the units of measure, default values, and value ranges. The text enclosed in parentheses is the name shown on the OCC display for the setpoint when it differs from the full name as illustrated in the following explanation.

#### STATUS KEY PARAMETERS

##### Date and Time

The current date and time are entered. Twelve-hour time is used. The day of the week is calculated from the date.

#### SETPOINT KEY PARAMETERS

These setpoints are user setpoints that are intended to be programmed in the field.

##### Unoccupied Heating

This value is the Unoccupied Heating Setpoint when the unit is in the unoccupied mode.

##### Unoccupied Cooling

This value is the Unoccupied Cooling Setpoint when the unit is in the unoccupied mode.

##### Occupied Heating

This value is the Occupied Heating Setpoint for a constant volume unit when the unit is in the occupied mode.

##### Occupied Cooling

This value is the Occupied Cooling Setpoint for a constant volume unit when the unit is in the occupied mode.

##### VAV Cool High Temp

The control will maintain this SAT when operating in the VAV mode with a Thermostat or Network Commu-

nicated Sensor that is calling for first stage cooling. The control will also maintain this SAT when operating in the VAV stand alone mode with the economizer active. If “*OA SAT Reset*” is enabled and the outdoor temperature is below the “*VAV SP for SAT Reset*” the Primary Unit Controller will control to this temperature.

##### VAV Cool Low Temp

The control will maintain this SAT when operating in a VAV mode with a Thermostat or Network Communicated Sensor that is calling for second stage cooling. The control will also maintain this SAT when operating in the VAV stand alone mode when the economizer is not active.

##### VAV SP For SAT Reset

This parameter is used only in VAV mode with the *VAV Operation With Thermostat* selection set to OFF. This setpoint will be used to reset the SAT setpoint based on Space temperature or Outside Air temperature.

- If the *Outside Air SAT Reset* selection is set to ON, the control will monitor the outside air temperature and reset the SAT when the OAT is equal to or greater than this setpoint.
- If the *Outside Air SAT Reset* selection is set to OFF, the control will use the Space Sensor and reset the SAT when the space temperature is equal to or greater than this setpoint.

##### Duct Static Pressure

This is the supply duct static pressure setpoint that the control will maintain when operating a VFD supply fan.

##### Building Pressure

This is the building pressure setpoint the control will maintain when operating a Power Exhaust. This setpoint will be used for Power Exhaust Configurations 1,2 or 3 (see explanation under Configuration Key parameters).

##### Economizer 1<sup>st</sup> Stage

This tells the control what Supply Air Temperature to maintain for a call for first stage of cooling. This is used only during Constant Volume cooling mode with Economizer operation.