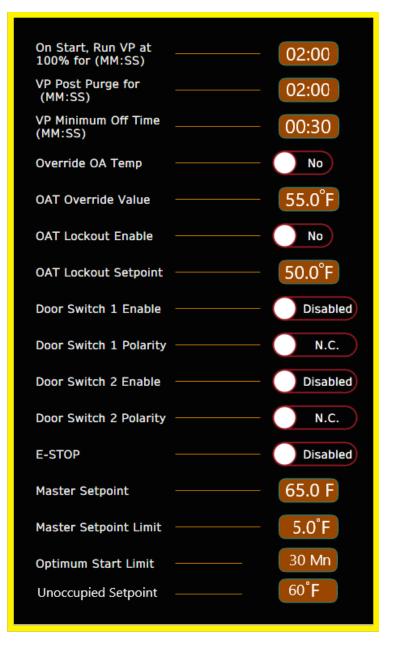
InfraRay™ Modulating Controller – Configuration Unit

 DO NOT alter default times for startup and postpurge in this section.

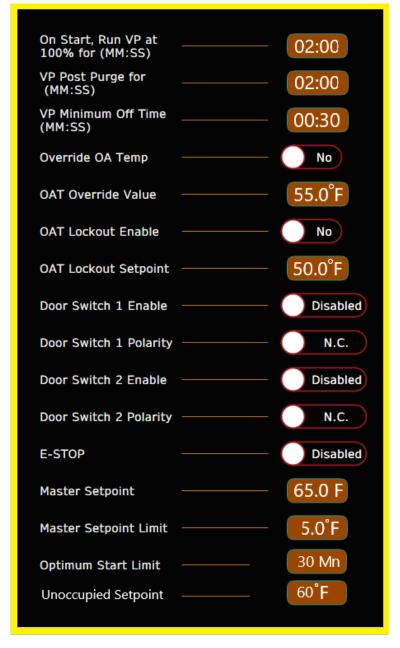
The timer for the vacuum pump runs the pump at 100% for two (2) minutes at startup.

- When the heat request is satisfied, the post-purge timer runs the pump for another two (2) minutes.
- The VP Minimum Off Time prevents the system from accidentally tripping an APS alarm if it cycles OFF and ON too quickly.

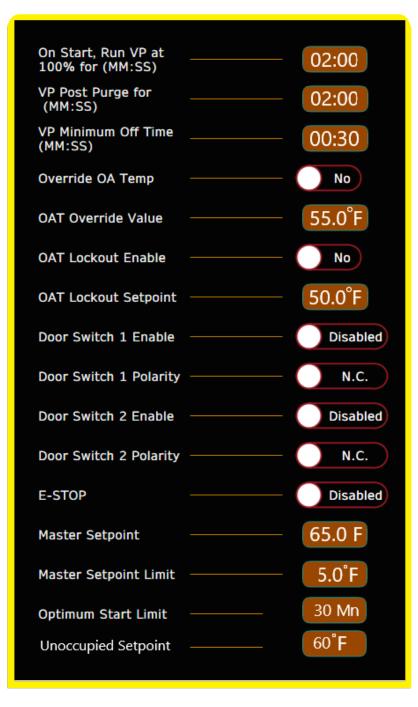




- Override OAT Temp allows users to set a defined temperature value if desired.
- OAT Lockout will force the equipment into an unoccupied state (setback setpoint), if the OAT exceeds the setpoint.
- Door Switches allow users to disable burner power if an input is tripped. The N.C. or NO polarity of the switches can also be adjusted.
- E-Stop shuts the entire system down if the input is tripped.







- Master Setpoint allows users to adjust the zone temperature setpoint.
- Master Setpoint Limit allows users to limit the setpoint adjustment so that users in the field can change the set point, but it will be limited to "±".
- Optimum Start Limit default time is thirty (30) minutes, which means the heating system will start heating thirty (30) minutes before occupancy. The maximum start limit time is fifty-nine (59) minutes.
- Unoccupied Setpoint default temperature is 60°F which the user can change.

