



Comfort. Under control.

11-28 CARVE AMERICAN GRILL - AUSTIN, TX (TAB, CX)

CheckList Information

Name : VRF CONTROL LOOPS Status : NotSubmitted

Assigned Organization : National TAB Asset :

Requesting Organization : National TAB

CheckList Item Details

CONTROL LOOPS - RESETS

FCU'S SHALL START PRIOR TO SCHEDULED OCCUPANCY BASED ON THE TIME NECESSARY FOR THE ZONES TO REACH THEIR OCCUPIED SETPOINTS

HEAT MODE: LIST THE FORMULA USED TO DETERMINE SPACE TEMPERATURE OFFSET, BELOW THE SPACE SETPOINT, TO DETERMINE FCU STARTUP TIME PRIOR TO OCCUPANCY

COOL MODE: LIST THE FORMULA USED TO DETERMINE SPACE TEMPERATURE OFFSET, ABOVE THE SPACE SETPOINT, TO DETERMINE FCU STARTUP TIME PRIOR TO OCCUPANCY

COMPONENT CONTROL LOOPS: FAN COIL UNIT CONTROL

OCCUPIED: FCU SHALL DELIVERY CONSTANT VOLUME OF AIR WITH VARIABLE REFRIGERATION TO MAINTAIN A MINIMUM 55 DEGREE S.A.T. (DURING FULL COOLING), A MAXIMUM OF 70 S.A.T (DURING LOW DEMAND COOLING) AND A MAXIMUM SUPPLY AIR DEWPOINT OF 58 DEG F (DURING ALL COOLING PERIODS).

UNOCCUPIED: FAN SHALL BE "OFF". ON "CALL FOR COOLING/HEATING" OR "OVERRIDE PERIOD", THE FCU SHALL OPERATE AS IN OCCUPIED PERIOD UNTIL SPACE IS SATISFIED OR OVERRIDE IS REMOVED. DOAS OA UNIT SHALL REMAIN OFF.

FILTER MONITORING

OCCUPIED/UNOCCUPIED MODE: FAN RUNTIME SHALL BE MONITORED AND REPORTED TO PROVIDE MAINTENANCE REMINDERS AT 50% OF FILTER ELAPSE TIME OF 1100 HOURS (ADJUSTABLE) AND AN ALARM AT 100% OF ELAPSED TIME OF 2200 HOURS (ADJUSTABLE).

VALIDATE RUNTIME REPORT, ALERT AND ALARM ARE OPERATIONAL FOR ALL UNITS

Notes/Comments :