



Shake Shack (Oak Lawn, IL) - Commissioning

CheckList Information

Name :	RTU-DINING	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		

CheckList Item Details

THERMOSTAT PROGRAMMING AND CALIBRATION

Occupied Time	
Occupied Heat setpoint - Cooling Setpoint - Dehumidification Setpoint	
Unoccupied Time	
Unoccupied Heat Setpoint - Cooling Setpoint - Dehumidification Setpoint	
Space Sensor (TSTAT) Temp and RH reading / Commissioning Agent Space Temp and RH reading	

CONTROL WIRING VALIDATION

Enthalpy sensor wired	Pass
Enthalpy sensor operational	Pass
Occupied stat wired correctly	Pass
Thermostat Wired correctly (R,C,Y1,Y2,W1,W2)	Pass
Humidity Sensor Wired correctly	Pass

CALIBRATION & PROGRAMMING

Local Weather Data Temperature	82 deg. F
RTU-Honeywell Control OAT-RH% / Commissioning Agent OAT-RH%	Occupied : (Pass) Control :(Pass)
Comment	74 deg F - 54% / 81.2 deg F - 56% (DB temp -7.2 degrees off calibration)
RTU-Honeywell MAT / Commissioning Agent MAT-RH%.	Occupied : (Pass) Control :(Pass)
Comment	57.6 deg F - / 73.2 deg F. - 59.8% (DB temp -15.6 degrees off calibration)

Commissioning Agent RAT-RH%	Occupied : (Pass) Control :(Pass)
Comment	70.2 deg F - 61%
Stage 1 cooling Commissioning Agent SAT-RH%	Occupied : (Pass) Control :(Pass)
Comment	64.3 deg F. / 73.3% RH: Fan Low Spd, Stage 1 cooling, 51% OA damper
Stage 2 cooling Commissioning Agent SAT-RH%	Occupied : (Pass) Control :(Pass)
Comment	56.8 deg F. - 88.1% RH: Fan High Spd, Stage 2 cooling, 39% OA damper
Dehumidification Commissioning Agent SAT-RH% (DX coil)	Occupied : (Pass) Control :(Pass)
Comment	62.7 deg F. - 90.1% RH: Fan High Spd, Stage 1 cooling, Stage 1 heating, 39% OA damper
Dehumidification Commissioning Agent SAT-RH% (diffuser)	Occupied : (Pass) Control :(Pass)
Comment	
Confirm proper dehumidification sequence of operation	Occupied : (Pass) Control :(Pass)
Comment	2nd stage high cooling - Dehumidification - 1st stage low cooling
Record the enthalpy free cooling setpoint for the RTU	Honeywell - Enthalpy Curve setpoint: E5
OUTDOOR AIR / RELIEF DAMPER	
Open Free cooling and confirm OA damper opens 100% RA air damper closes 0% and relief fan energizes	
Record the space pressure with RTU in free cooling	
OCCUPANCY VALIDATION	
Place the thermostat in "unoccupied" - Does the OA damper close fully	
Place the thermostat in "Occupied" - Does the OA damper open to the TAB minimum position	