

REMARKS

Assigned Organization: National TAB

Status: Not Submitted

Asset:

PRIORITY (HIGH/LOW/INFO ONLY)	
OVERALL BUILDING PERFORMANCE	
INFO ONLY	Net building airflow was initially -1382 CFM and -0.019" wc. After completion of balancing this was improved slightly to net -908 CFM and -0.0075" wc. The building is still highly negative. There are further recommendations below that need to be completed in order to improve performance.
INFO ONLY	Manager has complaints that there is humidity issues on the kitchen floors and in the dining room. Humidity in the space was measured as 62-67% and should ideally be lower than 60%.
RTU-1 (DINING)	
HIGH	Airflow is 246 CFM/ton which is lower than recommended. Recommend a VP62 w/ 1-1/8" bore and adjusting the pulley until it is operating at the FLA motor rating of 14. Requires size B63 belt. This change should increase airflow approximately 12%. Anticipated that once the outside air damper is set to a minimum position this should also increase airflow some. Also installing the two dampers above the ceiling in the grid should help increase airflow.
HIGH	Economizer is not functional and could not be manually set. Recommend either repairing or manually setting approximately 0.5" open. Needs to be repaired to reduce negative building pressure.
HIGH	RTU-1 motor sheave set key needs replacement. Motor sheave set key is damaged and not fully securing sheave. Recommend replacement. Manager stated that motor sheave has fallen off of motor twice in the last week (see item above for sizing)
HIGH	Two diffusers are installed above the ceiling and were not installed in the ceiling grid. The dampers are shut but a small amount of air is leaking out. Recommend installing these to help increase the total airflow.
LOW	Return grilles need to be cleaned.
RTU-2 (KITCHEN)	
HIGH	Airflow is 204 CFM/ton which is lower than recommended. Recommend a VP62 w/ 1-1/8" bore and adjusting the pulley until it is operating at the FLA motor rating of 14. Requires size B63 belt. This change should increase airflow approximately 18%.
HIGH	Motor sheave is seized and could not be adjusted to speed up unit (see recommended size above)
LOW	Return grilles are dirty. Recommend cleaning.

EF-1 (FRYERS)/FRYER HOOD	
INFO ONLY	Airflow is 977 which is acceptable
LOW	Fan is not secured to curb. Recommend securing.
EF-2 (OVEN HOOD)/OVEN HOOD	
INFO ONLY	Airflow is 977 which is acceptable
LOW	Filter is missing inside of the hood. Recommend replacing.
LOW	Fan is not secured to curb. Recommend securing.
EF-3 (RESTROOM)	
HIGH	Fan is not operational and should be replaced. Size for 300 CFM.
INFO	The positive pressure in the restrooms due to the fan not running is causing the lights to pop when doors open. Once the fan is running this issue should be resolved.