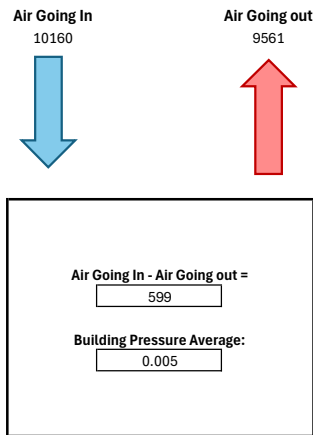


Summary

What was found initially:	Manager states that building is hot during the afternoon and evenings and cold during the day. Humidity causes condensation on diffusers in the bar area and along the windowed area of the building. Kitchen was warm in the morning at start up.
Changes made:	RTU's outside air were adjusted to reduce positivity. RTU-2 OA was initially bringing in a very high ratio of OA. EF-3 was reduced to reach target, RTU-2 parameter 154 was set to "1" for constant fan during occupied mode.
Air balancing & performance related issues that need to be resolved:	Humidity sensors on RTU 1 and RTU 3 are not wired on unit and RTU 2 does not have the correct wiring for humidity sensor on unit (Shielded Twisted Pair). Restroom exhaust is not functional. EF-2 and EF-4 will need pulley changes in order to slow fans down. EF-1 Grill is not completely sealed to the curb causing grease to leak and build up onto roof. RTU-5 is missing its OA filter. RTU-4 OA damper motor is not functional. MUA 1 and MUA 2 will need pulley changes in order to decrease airflow. Hood filters needed to be cleaned or replaced.

Air Balance Schedule

AIR GOING IN (+)	Target	Initial	Final
RTU-1 OA	750	828	750
RTU-2 OA	1500	3555	1538
RTU-3 OA	750	473	754
RTU-4 OA	750	955	743
RTU-5 OA	1000	820	965
RTU-6 OA	0		
MUA-1	2500	3910	3910
MUA-2	1000	1500	1500
MUA-3	0		
AIR GOING OUT (-)			
EF-1	1125	2021	2021
EF-2	1500	2959	2959
EF-3	2500	3226	2296
EF-4	1050	1557	1557
EF-5	0	0	0
EF-6	780	668	728
EF-7	0	0	0
RR Exhaust (Total)	450	0	0
NET AIRFLOW (TARGET +200 CFM)	845	1610	599



Target Airflow Calculations

Unit	Tonnage	Target OA	OA %
RTU-1	7.5	750	25%
RTU-2	15	1500	25%
RTU-3	7.5	750	25%
RTU-4	7.5	750	25%
RTU-5	10	1000	25%
RTU-6		0	N/A

Hoods	Served by	Served by	Type	Length (in)	Width (in)	MUA Type	Equipment 1	Equipment 2	Equipment 3	CFM/ft1	Target Exhaust	Target MUA
Hood 1	EF-1	MUA-1	Type I	60	51	Short Cycle-riddle - Flat Top				225	1125	765
Hood 2	EF-2	MUA-1	Type I	120	51	Short Cycle	Ovens	Ovens		150	1500	1020
Hood 3	EF-3	MUA-2	Type I	96	51	Short Cycle	Fryers			225	2500	1000
Hood 4	EF-4	MUA-1	Type I	84	51	Short Cycle	Ovens	Ovens		150	1050	714
Hood 5										NOT FOUND	0	0

Restrooms	# of Toilets/Urinals	Target CFM
RR Exhaust (Total)	6	450