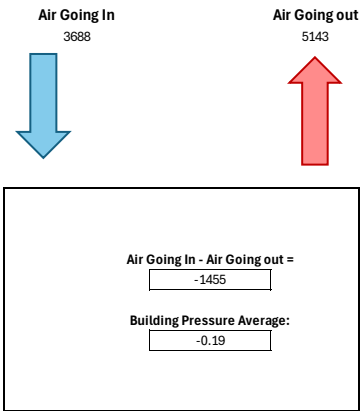


Summary

What was found initially:	Hoods were not exhausting required airflow. RTU's outdoor air was off of design.
Changes made:	RTU outdoor air was adjusted for proper airflow. RTU fan speeds were set to be constant across all fan speeds. EF-1 and EF-4 were adjusted for proper airflow.
Air balancing & performance related issues that need to be resolved:	EF-3's speed controller does not adjust the fan speed, neither does switching the speed dial to "OFF". EF-2 does not have a speed control dial installed.

Air Balance Schedule

AIR GOING IN (+)	Target	Initial	Final	
RTU-1 OA	520	938	1300	1250
RTU-2 OA	520	734	1287	1250
RTU-3 OA	1040	1347	1101	1040
MUA-1	4148	1509		
AIR GOING OUT (-)				
EF-1	1200	1664	1248	
EF-2	1688	849	899	
EF-3	1050	1810	1810	
EF-4	1247	907	1186	
EF-5	0			
EF-6	0			
EF-7	0			
RR Exhaust (Total)	0			
NET AIRFLOW (TARGET +200 CFM)	1043	-702	-1455	



Building Pressure:
 Front -0.20
 Side -0.19
 Back -0.19

Target Airflow Calculations

Unit	Tonnage	Target OA	OA %
RTU-1	13	520	10%
RTU-2	13	520	10%
RTU-3	13	1040	20%

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	96	72	PSP	Ovens			150	1200	960
Hood 2	EF-2	MUA-1	Type I	90	66	PSP	Griddle - Flat Top			225	1688	1350
Hood 3	EF-3	MUA-1	Type I	84	66	PSP	Ovens			150	1050	840
Hood 4	EF-4	MUA-1	Type I	66.5	48	PSP	Fryers			225	1247	998

Restrooms	# of Toilets/Urinals	Target CFM
RR Exhaust (Total)		0