

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
AHU-1	KITCHEN	2950	1536	2800	3520	150	750	5.1%	48.8%						
AHU-2	DINING	2500	2414	1995	2414	505		20.2%	0.0%						
EF-1	KITCHEN HD											705	726		
EF-2	RESTROOMS													150	140
TOTALS		5450	3950	4795	5934	655	750			0	0	705	726	150	140

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	655	750
TOTAL EXHAUST	855	866
NET AIRFLOW	-200	-116

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0042
SIDE	0.0008
REAR	NA
AVERAGE	-0.0017

FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

NOTES:

1. OA could not be directly measured but based on building pressure and net airflow it is approximately 750 CFM.
2. Rear door pressure was +0.0089" wc. The door opens up to a maintenance hallway apart of the base building.