

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
RTU-1	KITCHEN	3500	3510	3000	2992	500	518	14.3%	14.8%						
RTU-2	DINING	4000	3952	3000	3001	1000	951	25.0%	24.1%						
MUA-1	KITCHEN HOOD									1300	1363				
EF-1	KITCHEN HOOD											2550	2318		
EF-2	RESTROOM													150	146
TOTALS		7500	7462	6000	5993	1500	1469			1300	1363	2550	2318	150	146

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	2832
TOTAL EXHAUST	2700	2464
NET AIRFLOW	100	368

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.02
SIDE	-0.017
REAR	-0.017
AVERAGE	-0.018

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:

Suspected error in building pressure measurement due to wind, open windows/doors, or other environmental factors. Based on net airflow building pressure expected to be slightly positive (+0.001" to +0.005").