

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	2927	3000	2488	500	439	14.3%	15.0%						
RTU-2	DINING	4000	4140	3000	3102	1000	1038	25.0%	25.1%						
MUA-1	KITCHEN HD									1300	1322				
EF-1	KITCHEN HD											2550	2537		
EF-2	RESTROOM													150	151
TOTALS		7500	7067	6000	5590	1500	1477			1300	1322	2550	2537	150	151

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	2799
TOTAL EXHAUST	2700	2688
NET AIRFLOW	100	111

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0096
SIDE	
REAR	-0.0088
AVERAGE	-0.0092

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:

HVAC floor plan and HVAC RTU Scheulde offer different values for total flow of RTU2. No side door. Site is in a strip style building.