

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	2630	2479	0	100	2630	2379	100.0%	96.0%						
RTU-2	DINING	4000	3788	2800	2601	1200	1187	30.0%	31.3%						
AC-1	OFFICE					40	NA	#DIV/0!	#####						
KEF-1	HOODS 1/2											2727	2756		
TX-1	RESTROOM													350	363
TOTALS		6630	6267	2800	2701	3870	3566			0	0	2727	2756	350	363

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3870	3566
TOTAL EXHAUST	3077	3119
NET AIRFLOW	793	447

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

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. ✓

KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

TOTALS	DESIGN	ACTUAL
TOTAL KITCHEN OA	2670	#####
TOTAL KITCHEN EXHAUST	2727	2756
NET AIRFLOW	-57	#####

FCU is bringing in OA and dampers are functioning as intended. However there is no access to confirm the exact airflow. Hood is not able to be turned on for building pressure. Side door propped open by welding cables so I measured pressure there.