

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		3000	2961	2000	1940	1000	1021	33.3%	34.5%						
RTU-2		4500	4713	2000	2135	2500	2578	55.6%	54.7%						
EF-1												1430	1447		
EF-2												1415	1447		
EF-3														300	311
TOTALS		7500	7674	4000	4075	3500	3599			0	0	2845	2894	300	311

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3500	3599
TOTAL EXHAUST	3145	3205
NET AIRFLOW	355	394

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	0.01
SIDE	0.01
REAR	0.009
AVERAGE	0.0097

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	2500	2578
TOTAL KITCHEN EXHAUST	2845	2894
NET AIRFLOW	-345	-316