

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		2600	2744	1700	1801	900	943	34.6%	34.4%						
RTU-2		4000	4084	2800	2822	1200	1262	30.0%	30.9%						
FCU-1						40	0	#DIV/0!	#DIV/0!						
KEF-1												700	670		
KEF-2												750	711		
EF-1														150	145
TOTALS		6600	6828	4500	4623	2140	2205			0	0	1450	1381	150	145

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2140	2205
TOTAL EXHAUST	1600	1526
NET AIRFLOW	540	679

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0094
SIDE	0.0055
REAR	0.0032
AVERAGE	0.006

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	1200	1262
TOTAL KITCHEN EXHAUST	1450	1381
NET AIRFLOW	-250	-119