

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	COOKLINE	2400	2403	2100	2091	300	312	12.5%	13.0%						
RTU-2	DINING/RR	3000	2996	2485	2446	515	550	17.2%	18.4%						
RTU-3	DINING AREA	1200	1265	1030	1120	170	145	14.2%	11.5%						
FCU-1	KITCHEN	3000	2961	3000	2961	0	0	0.0%	0.0%						
ACU-1	OFFICE					15	15	#DIV/0!	#DIV/0!						
MUA-1	KITCHEN									1980	1345				
EF-1	HOOD1											767	779		
EF-2	HOOD2											1708	886		
EF-3	RESTROOM													300	297
TOTALS		9600	9625	8615	8618	1000	1022			1980	1345	2475	1665	300	297

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2980	2367
TOTAL EXHAUST	2775	1962
NET AIRFLOW	205	405

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	0.004
SIDE	0.0056
REAR	0.0036
AVERAGE	0.0044

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. ✓