

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
DOAS-1	KITCHEN	1860	1847	0	0	1860	1847	100.0%	100.0%						
DOAS-2	KITCHEN	1240	1261	0	0	1240	1261	100.0%	100.0%						
RTU-1	2ND FLOOR	5000	0	4300	0	700	0	14.0%	#DIV/0!						
RTU-2	1ST FLOOR	4000	4030	3050	3106	950	924	23.8%	22.9%						
RTU-3	CELLAR	2000	1614	1550	1186	450	428	22.5%	26.5%						
RTU-4	1ST FLOOR	4000	3325	3050	3325	950	0	23.8%	0.0%						
KEF-1	HOOD											2260	2269		
KEF-2	HOOD											1550	1556		
EF-2	TOILET													150	145
EF-3	TOILET													150	155
EF-4	TOILET													403	0
TOTALS		18100	12077	11950	7617	6150	4460			0	0	3810	3825	703	300

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	6150	4460
TOTAL EXHAUST	4513	4125
NET AIRFLOW	1637	335

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.001
SIDE	
REAR	-0.004
AVERAGE	-0.0015

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:

[1] Even though the schedule shows net airflow of +335CFM there is little to no positive pressure at the doors due to the building being old and the envelope likely very leaky. Recommend getting RTU-1 online to help aid in building pressurization.