

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	DINING	3400	3487	2800	2887	600	600	17.6%	17.2%						
DOAS-1	KITCHEN	1800	1748	0	597	1800	1151	100.0%	65.8%						
KEF-1	KITCHEN HD											2081	1747		
EF-2	RESTROOM													250	447
TOTALS		5200	5235	2800	3484	2400	1751			0	0	2081	1747	250	447

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2400	1751
TOTAL EXHAUST	2331	2194
NET AIRFLOW	69	-443

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.009
SIDE	-0.009
REAR	-0.01
AVERAGE	-0.0093

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:

Negative building pressure due to restroom exhaust being high, unable to lower fan speed.