

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 ROOM	3000	2911	2400	2911	600	0	20.0%	0.0%						
RTU-2	KITCHEN	3000	2739	2400	2739	600	0	20.0%	0.0%						
MUA-1	KITCHEN									1850	785				
EF-1	KITCHEN											1850	2026		
EF-2	KITCHEN											1850	1676		
EF-3	RESTROOMS														0
TOTALS		6000	5650	4800	5650	1200	0			1850	785	3700	3702	0	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3050	785
TOTAL EXHAUST	3700	3702
NET AIRFLOW	-650	-2917

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.761
SIDE	
REAR	-0.1002
AVERAGE	-0.4306

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:

Due to makeup air unit being low on flow and outside air not functional on both RTUs, Design airflow could not be achieved.