

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	KITCHEN	3400	3420	2900	2912	500	508	14.7%	14.9%						
RTU-2	DINING	4000	3963	3000	3963	1000	0	25.0%	0.0%						
MUA-1	KITCHEN HOOD									1300	1273				
EF-1	KITCHEN HOOD											2550	2522		
EF-2	RESTROOM													150	157
TOTALS		7400	7383	5900	6875	1500	508			1300	1273	2550	2522	150	157

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	1781
TOTAL EXHAUST	2700	2679
NET AIRFLOW	100	-898

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.005
SIDE	-0.006
REAR	-0.011
AVERAGE	-0.0073

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] RTU-2 ISSUE PREVENTS ECONOMIZER SETTING FROM BEING PROGRAMMED I.E. NO OA FOR THE UNIT CAUSING NEGATIVE BALANCE SCHEDULE