

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
AC-1	KITCHEN	8750	8513	6900	6831	1850	1682	21.1%	19.8%						
AC-2	DINING A	3150	3030	2450	2375	700	655	22.2%	21.6%						
AC-3	N. DINING B, DT	4000	3309	3200	2572	800	737	20.0%	22.3%						
AC-4	S. DINING B	2765	2643	2165	2079	600	564	21.7%	21.3%						
AC-5	PLAY AREA	2000	1968	1700	1667	300	301	15.0%	15.3%						
AC-6	MULTI-PURPOSE	1100	1064	900	873	200	191	18.2%	18.0%						
EF-1	HD1 L+R PRESS COOKER											1912	1766		
EF-2	HOOD 2											701	725		
EF-3	RESTROOM													500	0
EF-4	HOOD 3											701	734		
TOTALS		21765	20527	17315	16397	4450	4130			0	0	3314	3225	500	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	4450	4130
TOTAL EXHAUST	3814	3225
NET AIRFLOW	636	905

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H ₂ O)
FRONT	0.0223
SIDE	
REAR	0.0346
AVERAGE	0.0285

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:

Building pressure taken with EF1, EF3 and EF4 not running due to issues.