

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	Reception/FOH	1675	1590	1621	1170	54	347	3.2%	21.8%						
RTU-2	Exam Rooms/ Hallways	1910	1978	1760	1688	150	309	7.9%	15.6%						
RTU-3	Pet Wards/ Surgery	2025	2125	1875	1880	150	371	7.4%	17.5%						
ERV-1	RTU1					580	584	#DIV/0!	#DIV/0!					580	555
ERV-2	RTU2					680	658	#DIV/0!	#DIV/0!					680	658
ERV-3	RTU3					1250	1253	#DIV/0!	#DIV/0!					1245	1152
EF-1	ISO													146	81
EF-2	Lobby Restroom													50	54
EF-3	BOH Restroom													50	63
EF-4	Utility Closet													50	104
EF-5	Dog Ward													50	57
TOTALS		5610	5693	5256	4738	2864	3522			0	0	0	0	2851	2724

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2864	3522
TOTAL EXHAUST	2851	2724
NET AIRFLOW	13	798

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.009
SIDE	0.017
REAR	0.009
AVERAGE	0.0117

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: