

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		3500	3563	2850	2895	650	668	18.6%	18.7%						
MUA-1										1400	1410				
KEF-1												1125	1116		
KEF-2												670	649		
EF-3												75	147		
TOTALS		3500	3563	2850	2895	650	668			1400	1410	1870	1912	0	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2050	2078
TOTAL EXHAUST	1870	1912
NET AIRFLOW	180	166

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.01
SIDE	N/A
REAR	-0.03
AVERAGE	-0.02

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:

EF-3: No speed controller. Verified wired to low speed. Could not achieve design airflow. Neighboring restaurant has very negative building pressure causing the pressure of this store to be negative. There was very strong winds at the time of testing that may have affected the accuracy of the pressure measurements.