

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	FOOD SERVICE	4500	4595	3800	3882	700	713	15.6%	15.5%						
RTU-2	RETAIL	3400	3348	3020	2617	380	731	11.2%	21.8%						
RTU-3	FOH	2400	2399	2200	1920	200	479	8.3%	20.0%						
EF-1	RESTROOM													375	391
EF-2	BOH													400	480
EF-3	TRASH													200	230
TOTALS		10300	10342	9020	8419	1280	1923			0	0	0	0	975	1101

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1280	1923
TOTAL EXHAUST	975	1101
NET AIRFLOW	305	822

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.006
SIDE	0.005
REAR	0.003
AVERAGE	0.0047

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-2 has wrong motor according to new Change Initiative (CI). Supposed to reach 1100 TOTAL CFM.
EF-3 has no speed controller installed, unable to decrease fan speed from MAX.