

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	DINING	5500	5767	3795	3914	1705	1853	31.0%	32.1%						
RTU-2	KITCHEN	5500	5332	3795	3494	1705	1838	31.0%	34.5%						
EF-1	MOP SINK													75	0
PRV1	RESTROOMS													375	0
PRV2	GRIDDLE HD-1											1500	1597		
PRV3	FRYER HD-2											1500	1614		
PRV4	DISH HOOD											350	0		
TOTALS		11000	11099	7590	7408	3410	3691			0	0	3350	3211	450	0

NET BUILDING AIRFLOW CALCULATION

TOTALS		ACTUAL
TOTAL OA	3410	3691
TOTAL EXHAUST	3800	3211
NET AIRFLOW	-390	480

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.01"
SIDE	0.009"
REAR	0.01"
AVERAGE	0.01

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] Balanced RTU outside air to high end of design to accommodate PRV-1, PRV-4, and EF-1A exhaust should these fans be repaired. Recommend PRV-4 be tied into dishwasher operation to keep building pressure positive if all fans are repaired.