

### 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	KITCHEN	3600	3509	3250	3144	350	365	9.7%	10.4%						
RTU-2	DINING	3400	3406	2600	2617	800	789	23.5%	23.2%						
EF-1	HOOD FAN											700	746		
EF-2	RESTROOMS													250	269
<b>TOTALS</b>		7000	6915	5850	5761	1150	1154			0	0	700	746	250	269

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1150	1154
TOTAL EXHAUST	950	1015
<b>NET AIRFLOW</b>	<b>200</b>	<b>139</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.012
SIDE	0.004
REAR	N/A
<b>AVERAGE</b>	<b>0.008</b>

#### FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

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- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

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- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

**NOTES:**  
 EF-1 left above design flow, speed dial adjusted until amperage was below FLA, leaving flow at 1065 CFM. The space is slightly negative at this setpoint.