

### 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	3000	3116	2500	2567	500	549	16.7%	17.6%						
RTU-2	DINING	3000	2898	2000	1901	1000	997	33.3%	34.4%						
MUA-1	KITCHEN HOOD									1950	2109				
EF-1	KITCHEN HOOD											3200	3272		
EF-2	RESTROOM													200	197
<b>TOTALS</b>		6000	6014	4500	4468	1500	1546			1950	2109	3200	3272	200	197

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3450	3655
TOTAL EXHAUST	3400	3469
<b>NET AIRFLOW</b>	<b>50</b>	<b>186</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0012
SIDE	0.003
REAR	0.0297
<b>AVERAGE</b>	<b>0.0113</b>

#### 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:

Pressure on the read door is elevated due to diffuser 1-3 affecting the measurement. That diffuser is high on flow and blowing on the back door. There did not appear to be any issue with the operation of the back door.