

### 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	5000	4880	4019	4311	981	569	19.6%	11.7%						
DOAS-1	KITCHEN	2300	2302	0	0	2300	2302	100.0%	100.0%						
KEF-1	HOOD 1											1600	1158		
KEF-2	HOOD 2											775	801		
EF-1	RESTROOM													75	77
EF-2	RESTROOM													75	73
<b>TOTALS</b>		7300	7182	4019	4311	3281	2871			0	0	2375	1959	150	150

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3281	2871
TOTAL EXHAUST	2525	2109
<b>NET AIRFLOW</b>	756	762

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.018
SIDE	0.018
REAR	0.021
<b>AVERAGE</b>	<b>0.019</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:

KEF-1 CFM does not meet design CFM at max speed. Original DOAS building schedule did not match design unit CFM, changed CFM to match unit capacity. Decreased dining RTU OA CFM to bring building pressure within tolerance due to KEF-1 being low below design.