

### 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 AREA	6000	6658	4800	5553	1200	1105	20.0%	16.6%						
RTU-2	KITCHEN	3040	3052	2432	2460	608	592	20.0%	19.4%						
RTU-3	BACKROOM	1600	1495	1280	1185	320	310	20.0%	20.7%						
MUA-1	HD-1									2200	617				
EF-1	HD-1											1800	1832		
EF-2	HD-1											1800	1832		
EF-3	RESTROOMS													NA	0
<b>TOTALS</b>		10640	11205	8512	9198	2128	2007			2200	617	3600	3664	0	0

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	4328	2624
TOTAL EXHAUST	3600	3664
<b>NET AIRFLOW</b>	<b>728</b>	<b>-1040</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.05
SIDE	-0.08
REAR	NA
<b>AVERAGE</b>	<b>-0.065</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:

EF3: Not Operational & No back draft damper installed  
 KEF1: Electrical Whip is not long enough to hinge back for proper cleaning of duct  
 KEF2: No hinges installed  
 MUA: Filters and PSP need to be cleaned, unit is very low on flow  
 RTU1: Unit was balanced, but then went into alarm and shut off  
 RTU3: Wheel is rubbing against housing of blower