

AS FOUND - INITIAL AIR BALANCE SCHEDULE

UNIT	PASS / FAIL	HVAC SUPPLY		DEVIATION	HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	110%-90%	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-1	FAIL	2000	956	48%	1600	582	400	374	20.0%	39.1%						
RTU-2	FAIL	3000	1525	51%	2400	1132	600	393	20.0%	25.8%						
RTU-3	FAIL	2000	937	47%	1600	544	400	393	20.0%	41.9%						
MUA-1	FAIL			53%							1250	667				
KEF1-GRIDDLE	FAIL			78%									750	584		
KEF2-TOASTER	FAIL			158%									1000	1580		
KEF3-FRYER	FAIL			119%									750	894		
EF1	FAIL			52%											75	39
EF2	FAIL			76%											75	57
TOTALS		7000	3418	49%	5600	2258	1400	1160			1250	667	2500	3058	150	96

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2650	1827
TOTAL EXHAUST	2650	3154
NET AIRFLOW	0	-1327

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.012
SIDE	
REAR	-0.021
AVERAGE	-0.0045

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:

RTU1 OA FILTER DIRTY, DAMPER 100% OPEN, WITH FILTER OUT THE OA IS 1298, RTU 2 SAME/ FILTERS REMOVED OA = 688, MUA FILTERS ARE DIRTY ONCE REMOVED THE MUA-OA IS 1086