

AIR BALANCE SCHEDULE

UNIT	TONS	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	12.5	SALES	5000	4688	4000	3742	1000	946	20.0%	20.2%						
RTU-2	10	SALES	4000	3726	3200	2899	800	827	20.0%	22.2%						
RTU-3	10	SALES	4000	4359	3200	3527	800	832	20.0%	19.1%						
RTU-4	12.5	SALES	5000	4582	1000	3456	1000	1036	20.0%	22.6%						
RTU-5	3	2ND FL OFFICE NORTH	1200	1231	1000	1037	200	194	16.7%	15.8%						
RTU-6	UNKNOWN	2ND FL OFFICE SOUTH	1500	1504	1200	1504	300	0	20.0%	0.0%						
RTU-7	2	SOUTH VESTIBULE	700	682	700	700	0	0	0.0%	0.0%						
AHU-1	UNKNOWN	BAKERY/MAIN SALES	7020-11620	7061	5620	5599	1400	1462	#VALUE!	20.7%						
AHU-2	1.5	RECEIVING	600	631	600	631	0	0	0.0%	0.0%						
EF-5		KH-1											2440	4868		
EF-6		KH-2											2440	4637		
MAU-3		KH-1									1000	1830				
MAU-4		KH-2									1000	1703				
EF-1		REAR RR													324	324
EF-2		DELI DISHWASH													250	250
EF-8		BAKERY OVEN													1060	1060
EF-11		FRONT RR WOMEN													36	36
EF-12		FRONT RR MEN													62	62
EF-13		2ND FL RR MEN													52	52
EF-14		2ND FL RR WOMEN													75	0
TOTALS			22000	28464	20520	23095	5500	5297			2000	3533	4880	9505	1859	1784

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	7500	8830
TOTAL EXHAUST	6739	11289
NET AIRFLOW	761	-2459

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0237
SIDE	
REAR	-0.0251
AVERAGE	-0.0244

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: