

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
WSHP-1	KITCHEN	3500		3150	-213	350	213	10.0%	#DIV/0!						
WSHP-2	DINING	2850		2300	-737	550	737	19.3%	#DIV/0!						
EF-1	KITCHEN			0	0			#DIV/0!	#DIV/0!			1150	1231		
TOTALS		6350	0	5450	-950	900	950			0	0	1150	1231	0	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	900	950
TOTAL EXHAUST	1150	1231
NET AIRFLOW	-250	-281

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.037
SIDE	
REAR	-0.101
AVERAGE	-0.032

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:

Building pressure is being affected by the high rise lobby attached to the back of this store. Lobby is very positive causing the air to rush through the back doors and out of the front doors of the space, Resulting in negative pressure through the back doors and positive pressure through the front doors.