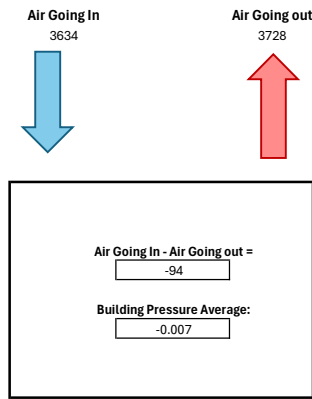


Summary

What was found initially:	Managers reported that when temperature in dining area approaches 70F, water will start condensing on the floor and be very slippery. In addition, water will start to leak out of diffusers above the 'Baby Back Ribs' sign and out of the ductwork in the To-Go area. All OA dampers were found shut.
Changes made:	RTU1, RTU2, RTU3: Increased OA. RTU-1 OA damper was not configured. Completed the configuration. Set to constant volume and constant OA. RR Exhaust: Decreased.
Air balancing & performance related issues that need to be resolved:	All RTUs needed OCP jumped to R to operate dampers. Recommend servicing with more permanent wiring. Hoods run on Halton Itellhood Melink system. Unable to adjust. No dehumidification on any RTUs. Filters in RTU2 & RTU3 are clogged and were removed for testing. Hood 2 failed smoke capture test. Filters in Hoods 1 & 3 are grease compacted.

Air Balance Schedule

AIR GOING IN (+)	Target	Initial	Final
RTU-1 OA	800	0	819
RTU-2 OA	1600	0	1364
RTU-3 OA	1600	0	1451
RTU-4 OA	0	N/A	N/A
RTU-5 OA	0	N/A	N/A
RTU-6 OA	0	N/A	N/A
MUA-1	0	N/A	N/A
MUA-2	0	N/A	N/A
MUA-3	0	N/A	N/A
AIR GOING OUT (-)			
EF-1	1350	812	812
EF-2	1125	301	301
EF-3	1575	1260	1260
EF-4	825	872	872
EF-5	0	N/A	N/A
EF-6	0	N/A	N/A
EF-7	0	0	0
RR Exhaust (Total)	525	889	483
NET AIRFLOW (TARGET +200 CFM)	-1400	-4134	-94



Target Airflow Calculations

Unit	Tonnage	Target OA	OA %
RTU-1	10	800	20%
RTU-2	20	1600	20%
RTU-3	20	1600	20%
RTU-4		0	N/A
RTU-5		0	N/A
RTU-6		0	N/A

Hoods	Served by	Served by	Type	Length (in)	Width (in)	MUA Type	Equipment 1	Equipment 2	Equipment 3	CFM/ft1	CFM/ft 2	CFM/ft3	CFM/ft Target	Target Exhaust	Target MUA
Hood 1	EF-2		Type I	90	57		Ovens			150	NOT FOUND	NOT FOUND	150	1125	#N/A
Hood 2	EF-1		Type I	72	57		Griddle - Flat Top			225	NOT FOUND	NOT FOUND	225	1350	#N/A
Hood 3	EF-3		Type I	84	33		Fryers			225	NOT FOUND	NOT FOUND	225	1575	#N/A
Hood 4	EF-4		Type I	66	60		Ovens	Ovens		150	150	NOT FOUND	150	825	#N/A
Hood 5	EF-7		Type I	48	45					NOT FOUND	NOT FOUND	NOT FOUND	0	0	#N/A

Restrooms	# of Toilets/Urinals	Target CFM
RR Exhaust (Total)	7	525