

Report By:

**National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246**

NATIONAL



Comfort. Under control.

Report: Test, Adjust, & Balance

Date: 5/16/2022

PROJECT

05-09 CULVERS - DECATUR, AL

2009 6TH AVE SE

DECATUR, AL 35601

Client

400 Ross Ave

Schofield, WI 54476

National TAB

Project: 05-09 CULVERS - DECATUR, AL

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Comfort. Under control.

05-09 CULVERS - DECATUR, AL

Project Issue Information

Issue Name : PRV1 conduit too short

Description : Conduit is too short to tilt fan back. Can only tilt fan an inch from curb

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Originated Date : 05/09/2022 - Wendy Biggs - National TAB

Project Issue File Details



FuselTc6f1b0a81e7b4248b85d64
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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	6900	6391	4945	4402	1955	1989	28.3%	31.1%						
RTU-2	KITCHEN	6225	5736	4575	4018	1650	1718	26.5%	30.0%						
PRV-1	RESTROOM													300	313
PRV-2	HD1 GRIDDLE											1500	1561		
PRV-3	HD2 FRYER											1500	1553		
EF-1A (2)	MOP ROOM/ EMP. RR													150	97
TOTALS		13125	12127	9520	8420	3605	3707			0	0	3000	3114	450	410

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3605	3707
TOTAL EXHAUST	3450	3524
NET AIRFLOW	155	183

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0117
SIDE	0.0126
REAR	0.0032
AVERAGE	0.0092

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:

[1] ADDED 200CFM OF OA TO RTU-2 TO OBTAIN POSITIVE BUILDING PRESSURE.



STOREFRONT



RTU1 DINING

Unit picture



RTU2 KITCHEN

Unit picture



PRV1 RESTROOMS

Unit picture



PRV2 GRIDDLE

Unit picture



PRV3 FRYER

Unit picture



ROOFTOP



HD1 GRIDDLE

Unit picture



HD2 FRYER

Unit picture



EF1A EMPLOYEE RESTROOM

Unit picture

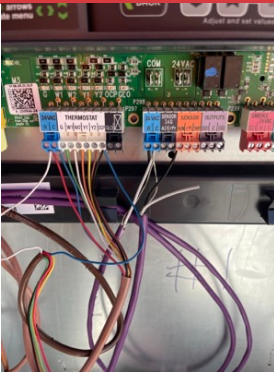


EF1A MOP ROOM

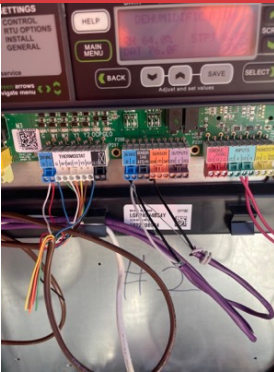
Unit picture



THERMOSTATS



RTU1 HUMIDITY WIRING



RTU2 HUMIDITY WIRING



EF1A RR SETPOINT

Set point for speed controller on the exhaust fan in the employee restroom. Set to max



PRV1 RR SETPOINT

Speed Setpoint for restroom exhaust fan



STOREFRONT



RTU1 DINING

Unit picture



RTU2 KITCHEN

Unit picture



PRV1 RESTROOMS

Unit picture



PRV2 GRIDDLE

Unit picture



PRV3 FRYER

Unit picture



ROOFTOP



HD1 GRIDDLE

Unit picture



HD2 FRYER

Unit picture



EF1A EMPLOYEE RESTROOM

Unit picture

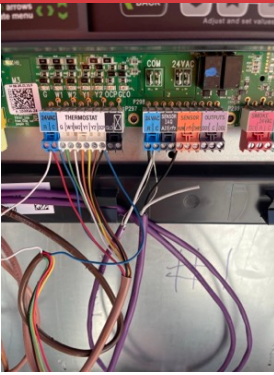


EF1A MOP ROOM

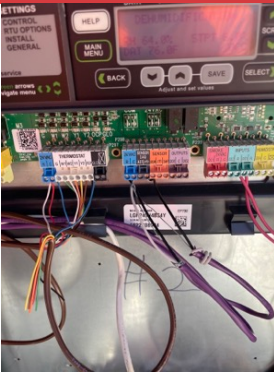
Unit picture



THERMOSTATS



RTU1 HUMIDITY WIRING



RTU2 HUMIDITY WIRING



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