

Report By:

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



Report: Deficiency Report
Function: Test, Adjust, & Balance
Date: 03/25/2024

PROJECT
04-01-24 CULVERS-ARCADIA, FL

2455 SE Highway 70

Arcadia , FL 34265

Client

Captive-Aire Region #60

Issue List

- Diffuser 2-13 Damper Issue
- Diffuser 2-14 & 2-15 Damper Issues
- PRV-1 No Backdraft Damper
- PRV-1 Not Functional
- RTU 2 Low FLOW



04-01-24 CULVERS-ARCADIA, FL

Project Issue Information

Issue Name : Diffuser 2-13 Damper Issue
Description : RTU 2 Diffuser 13 damper has very limited accessibility. NTi tech was able to turn the damper 90 degrees but there was minimal change in airflow. Currently 137CFM out of 350CFM design (39%). Recommend MC inspect damper is moving correctly and there are no restrictions in the duct.

Created By : National TAB **Assigned To :** National TAB - Stephen Tassinaro

Status : Open

Priority : Urgent **Asset Tag :**

Originated Date : 03/25/2024 - Stephen Tassinaro - National TAB



04-01-24 CULVERS-ARCADIA, FL

Project Issue Information

Issue Name : Diffuser 2-14 & 2-15 Damper Issues
Description : RTU 2 diffuser 14 damper cannot be located. There are no visible flags between the branch takeoff and the diffuser. Diffuser 15 airflow is low 360CFM out of 600CFM design (60%). This damper is hitting a screw within the duct and cannot be adjusted.

Created By : National TAB **Assigned To :** National TAB - Stephen Tassinaro

Status : Open

Priority : Urgent **Asset Tag :**

Originated Date : 03/25/2024 - Stephen Tassinaro - National TAB



04-01-24 CULVERS-ARCADIA, FL

Project Issue Information

Issue Name : PRV-1 No Backdraft Damper
Description : There is no backdraft damper installed in the PRV-1 duct. Recommend installing.
Created By : National TAB **Assigned To :** National TAB - Stephen Tassinaro
Status : Open
Priority : [Medium](#) **Asset Tag :**
Originated Date : 03/25/2024 - Stephen Tassinaro - National TAB



04-01-24 CULVERS-ARCADIA, FL

Project Issue Information

Issue Name : PRV-1 Not Functional
Description : PRV-1 is not wired at the rooftop. Unable to balance until resolved.
Created By : National TAB **Assigned To :** National TAB - Stephen Tassinaro
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 03/25/2024 - Stephen Tassinaro - National TAB

Project Issue File Details



IMG_2494
03/25/2024



04-01-24 CULVERS-ARCADIA, FL

Project Issue Information

Issue Name : RTU 2 Low FLOW
Description : RTU 2 airflow is 4656CFM out of 6150CFM design (76%) after proportional diffuser balancing. Currently the motor is set to 58Hz, the current limit appears to be 61Hz. This is not a sufficient speed increase to bring the unit within 10% of 6150CFM (Design per mechanical plans).
Created By : National TAB **Assigned To :** National TAB - Stephen Tassinaro
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 03/25/2024 - Stephen Tassinaro - National TAB