

Report By:

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



Report: PERLIM

Function: Test, Adjust, & Balance

Date: 04/11/2024

PROJECT

**04-08-24 RALPHS #703-004 LAGUNA
BEACH, CA**

700 S COAST HWY

LAGUNA BEACH, CA 92651

Client

Ralph's

1100 W. Artesia Blvd

Compton, CA 90220

Issue List

- COOLING NOT OPERATIONAL
- RETURN DUCT IS UNABLE TO BE FULLY MAPPED
- SUPPLY DUCT LEAKAGE



04-08-24 RALPHS #703-004 LAGUNA BEACH, CA

Project Issue Information

Issue Name : COOLING NOT OPERATIONAL
Description : Cooling mode is not operational.
Created By : National TAB **Assigned To :** National TAB - Will Turnbough
Status : Open
Priority : High **Asset Tag :**
Originated Date : 04/11/2024 - Zack Eismin - National TAB



04-08-24 RALPHS #703-004 LAGUNA BEACH, CA

Project Issue Information

Issue Name : RETURN DUCT IS UNABLE TO BE FULLY MAPPED
Description : Return ductwork is inaccessible and cannot be accurately mapped. A rough estimate of the return duct is shown on the drawing attached.
Created By : National TAB **Assigned To :** National TAB - Will Turnbough
Status : Open
Priority : InfoOnly **Asset Tag :**
Originated Date : 04/11/2024 - Zack Eismin - National TAB

Project Issue File Details



20240411_101152
04/11/2024



04-08-24 RALPHS #703-004 LAGUNA BEACH, CA

Project Issue Information

Issue Name : SUPPLY DUCT LEAKAGE
Description : The supply duct appears to have major leakage. the total cfm going into the sales floor is 5648 CFM but only 4581 CFM is measured at the diffusers. we were unable to inspect the ductwork thoroughly due to space constraints.
Created By : National TAB **Assigned To :** National TAB - Will Turnbough
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 04/11/2024 - Zack Eismin - National TAB

CheckList List

- RTU CHECKLIST
- SITE PICTURES



04-08-24 RALPHS #703-004 LAGUNA BEACH, CA

CheckList Information

Name : RTU CHECKLIST **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 04/09/2024 - Wale Odofin - National TAB
Completed Date : 04/11/2024 - Zack Eismin - National TAB

CheckList Item Details

RTU CHECKLIST

RTU Unit Tag & Area Served:

Comment:

NL SALES FLOOR

Belts are tight and in good working order

Comment:

YES

Pulleys are properly aligned

Comment:

YEWS

Does the motor sheave have any additional adjustment?

Comment:

NO, FIXED

Disconnect switch installed?

Comment:

NO, OFF AT THE BREAKER

All electrical connections visually look in tack and no evidence of electrical damage? Describe:

Comment:

YES

No noticeable vibration or noise exist correct? If so, specify:

Comment:

YES

Outside air dampers installed and functioning

Comment:

NO, NO DAMPERS INSTALLED

If outside air is not functioning describe why?

Comment:

N/A

Any loose Insulation inside RTU/AHU? If so, specify where:

Comment:

NO

Condensate Pans & drains free of debris & not clogged with debris (dirt)?

Comment:

YES

Any loose debris or components within unit? If so, remove & describe. If cannot remove specify why.

Comment:

NO

Date of Inspection

Comment:

4/11/2024



04-08-24 RALPHS #703-004 LAGUNA BEACH, CA

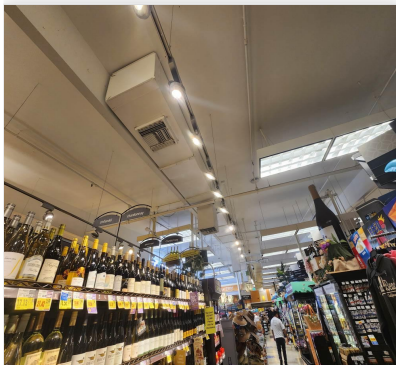
CheckList Information

Name : SITE PICTURES **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 04/09/2024 - Wale Odofin - National TAB
Completed Date : 04/11/2024 - Zack Eismin - National TAB

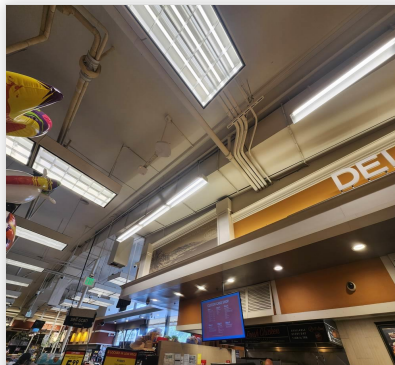
CheckList Item Details

AHU

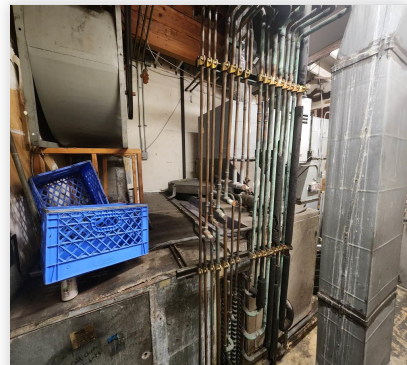
Comment:



20240411_110222
04/11/2024



20240411_110156
04/11/2024



20240411_110731
04/11/2024

National TAB

Project: 04-08-24 RALPHS #703-004 LAGUNA BEACH, CA



System/Unit: AHU/RTU

Asset: AHU1

AREA:

| Unit Data | | |
|---------------------|--------|-------------|
| | Design | Actual |
| MFG | NA | NL |
| Serial Num | - | 5602F09660 |
| Model Num | NA | CB17-275V-1 |
| Configuration | - | VERTICAL |
| Num OA Filters 1 | - | N/A |
| OA Filter Size 1 | - | N/A |
| Num Final Filter 1 | - | 8 |
| Final Filter Size 1 | - | 24X24X2 |

| Motor Data | | |
|----------------|--------|----------|
| | Design | Actual |
| Motor MFG | - | CENTURY |
| Frame | - | S184T |
| Horsepower | - | 5 |
| Motor Rpm | - | 1745 |
| Phase | - | 3 |
| Rated Voltage | - | 230/460 |
| Rated Amperage | - | 12.8/6.4 |

| Drive Data | | |
|--------------------|--------|----------|
| | Design | Actual |
| Motor Sheave Size | - | 1VP71 |
| Motor Bore Size | - | 1-1/8" |
| Motor Sheave SetPt | - | FIXED |
| Fan Sheave Size | - | 12.5" |
| Fan Sheave Bore | - | 1-3/16" |
| Num of Belts | - | 1 |
| Belt Size | - | B54 |
| Belt Alignment | - | VERIFIED |

| Test Data | | |
|--------------------|--------|-------------|
| | Design | Actual |
| SF CFM | - | 5647 |
| SF RPM | - | 916 |
| RA CFM | - | 4546 |
| OA CFM | - | 1101 |
| RL Voltage | - | 203 |
| RL Amperage | - | 7.2/7.3/7.3 |
| VFD Max SetPt | - | BYPASSED |
| RA Damper Position | - | 100% |
| RA Damper Type | - | N/A |
| OA Damper Position | - | 100% |
| OA Damper Type | - | N/A |

| Performance Data | | |
|------------------|--------|-----------|
| | Design | Actual |
| MA Plenum SP | - | -0.09" |
| Fan Suction SP | - | -0.37" |
| Fan Discharge SP | - | 0.73" |
| Total ESP | - | 0.82" |
| Fan Total SP | - | 1.1" |
| SA Temp (db/wb) | - | 62.5/53.6 |

| General | | |
|----------------------------|--------|----------------|
| | Design | Actual |
| Unit free of Damage | - | NO, VERY RUSTY |
| Fan Belt Condition | - | GOOD |
| Unit Filters Clean | - | YES |
| Evap Coil Clean | - | YES |
| Evap Coil Free of Frost | - | YES |
| Condensor Coil Clean | - | YES |
| Condensor Fins Straight | - | YES |
| Condensate Drain Installed | - | YES |

Completed By: Zack Eismin on 04/11/2024

Notes:

6560CFM@FILTERS
 5647CFM TRAVERSE @0.091" SP
 4581CFM @ DIFFUSERS
 COOLING NOT OPERATIONAL

Written By: Zack Eismin on 04/11/2024

