



Comfort. Under control.

06-27 FAMILY DOLLAR - JASPER, AR

CheckList Information

Name : REMARKS **Status :** NotSubmitted

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

CheckList Item Details

PRIORITY (HIGH/LOW/INFO ONLY)

INFO ONLY

INFO ONLY

INFO ONLY

INFO ONLY

Notes/Comments :



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06-27 FAMILY DOLLAR - JASPER, AR

CheckList Information

Name : TECH - STEP 1: INITIAL WALKTHROUGH **Status :** NotSubmitted

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

CheckList Item Details

INITIAL SITE WALKTHROUGH

| | |
|---|--|
| Review Plan Review Checklist, has it been signed off and meets our standards to start balancing? If not contact processor to ensure job is ready. | YES |
| All diffusers and grilles are installed and match design? | NO, MISSING DIFFUSERS FROM RR AND OFFICE // RESOLVED 6/29/22 |
| Thermostats have power? | YES |
| Have trades/general contractor been notified about any issues and are they created on FaciliBuild? | YES |

Notes/Comments :



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CheckList Information

| | | | |
|----------------------------------|-----------------------------------|-----------------|--------------|
| Name : | TECH - STEP 2: UNIT DATA AND EVAL | Status : | NotSubmitted |
| Assigned Organization : | National TAB | Asset : | |
| Requesting Organization : | National TAB | | |

CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

| RTU's/AHU's | |
|---|--------------------------------------|
| Economizers are assembled and functional? | YES |
| DCV Max damper opening position is set to minimum? | YES |
| Free cooling enthalpy set point set for lowest setting (Typically "D") | YES ES5 |
| Motors are all operating below the FLA rating? | YES |
| Are belts tight? | YES |
| If direct drive unit is the speed controller working. | YES |
| Is gas piping installed and valves turned on? | GAS PIPING INSTALLED, NOT TURNED ON. |
| Unit free of noticeable noise and vibration | YES |
| EF's | |
| Rotation is correct? | YES |
| Belts are tight? | NA |
| There is no major leakage around base of fan? | NA |
| Is the motor operating below the motor FLA rating? | YES |
| For restroom fan(s) is the back draft damper installed and can it fully open? | NA |
| Unit free of noticeable noise and vibration? | YES |

DOCUMENTATION

Have trades/general contractor been notified about any issues and are they created on FaciliBuild? YES

Notes/Comments :



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06-27 FAMILY DOLLAR - JASPER, AR

CheckList Information

Name : TECH - STEP 3: TEST, ADJUST AND BALANCE **Status :** NotSubmitted

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

| | |
|---|-----|
| Is space free of drafting? | YES |
| Is space comfortable in all areas? | YES |
| Is the space free of ventilation noise? | YES |
| If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA". | NA |

Notes/Comments :



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06-27 FAMILY DOLLAR - JASPER, AR

CheckList Information

Name : TECH - STEP 4: FINAL TESTS **Status :** NotSubmitted

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

CheckList Item Details

FINAL TESTS

ADDITIONAL

| | |
|-----------------------------|-----|
| Thermostats are programmed? | YES |
|-----------------------------|-----|

Notes/Comments :



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06-27 FAMILY DOLLAR - JASPER, AR

CheckList Information

Name : TECH - STEP 5: FINAL DOCUMENTATION **Status :** NotSubmitted

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

CheckList Item Details

FINAL DOCUMENTATION

| | |
|---|-----|
| Marked Data capture complete for all assets? | YES |
| Picture file sent to processing team or uploaded? | YES |
| Prelim report generated and reviewed? | YES |

Notes/Comments :

Preface

The summary below provides a quick understanding of how well your HVAC systems balanced in respect to the design criteria. The summary concludes with a quick understanding of your building environment and possible suggestions for each of your systems after testing has been performed. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred. Our focus is to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints. Also, enclosed are pictures of building assets and items listed below that will provide your team with more insight.

Facility Identification and TAB Requirements

The mechanical equipment to be tested, adjusted, and balanced includes: All Roof Top Units (RTU), All Exhaust Fans (EF), and all associated air devices.

RTU's

Each of the RTU's were measured at their terminal devices utilizing a flow hood. The sum of these readings is equal to the total flow for that particular unit. The total flow of each RTU was then adjusted to +/-10% of the specified design. Each terminal diffuser was balanced to within +/-10% of the engineer's design volume utilizing the provided hand damper located at the takeoff of the main & branch trunk line(s). Any equipment that fell outside of this tolerance is noted throughout the report.

General Exhaust Fans

The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. Fan speed was then adjusted so that the airflow was within +/-10% of design. Each terminal device was balanced to within +/-10% of the design volume using the installed volume dampers. Any equipment that fell outside of this tolerance is noted throughout the report.

Final Building Tests

After completing the test and balance, the final building pressure was recorded at _____" W.C. average. The building is designed for a net positive pressure and this measurement does coincides with that requirement.

National TAB

Project: 06-27 FAMILY DOLLAR - JASPER, AR

System/Unit: AHU/RTU



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Asset: RTU1

AREA:STORAGE

| Unit Data | | |
|---------------------|---------|------------------|
| | Design | Actual |
| MFG | CARRIER | CARRIER |
| Serial Num | - | 1522C09728 |
| Model Num | HC | 48GC05F2M5A6F0C0 |
| Type | - | RTU |
| Configuration | - | VERTICAL |
| Num OA Filters 1 | - | 1 METAL MESH |
| OA Filter Size 1 | - | 14X28 |
| Num Final Filter 1 | - | 2 |
| Final Filter Size 1 | - | 16X25X2 |

| Motor Data | | |
|----------------|--------|----------------|
| | Design | Actual |
| Motor MFG | - | [1] |
| Frame | - | [1] |
| Horsepower | - | [1] |
| Motor Rpm | - | [1] |
| Phase | 3 | [1] 1 |
| Rated Voltage | 208 | [1] 208/230 |
| Rated Amperage | - | [1] 7.1 |

| Drive Data | | |
|------------|--------|--------|
| | Design | Actual |
| | | |

| Test Data | | |
|------------------------|--------|-------------|
| | Design | Actual |
| SF CFM | 1400 | 1291 |
| SF RPM | - | 1534 |
| RA CFM | 1250 | 1139 |
| OA CFM | 150 | 152 |
| RL Voltage | - | 210/210/211 |
| RL Amperage | - | 2.9/3.4/3.5 |
| SF Rotation | - | CCW |
| RA Damper Position | - | 3.15V |
| Min OA Damper Position | - | 14% |
| Min OA Damper Type | - | ECONOMIZER |
| OA Enthalpy Setpt | - | ES5 |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.27" |
| Fan Suction SP | - | -0.40" |
| Fan Discharge SP | - | 0.15 |
| Total ESP | 1.0" | 0.37" |
| Fan Total SP | - | 0.55" |

| General | | |
|----------------------------|--------|--------|
| | Design | Actual |
| Fan Rotation Correct | - | YES |
| Unit Filters Clean | - | YES |
| Condensate Drain Installed | - | YES |

Completed By: Jacob Davidson

Notes:[1] MOTOR LABEL NOT ACCESSIBLE. INFORMATION TAKEN FROM UNIT LABEL MOTOR SPEED SET AT POSITION A 6.9DCV 90%

National TAB

Project:06-27 FAMILY DOLLAR - JASPER, AR

AHU/RTU



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Diffuser Supply (GRD)

RTU1/STORAGE

| Asset | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) |
|-------|------------------|--------------------|------|------------|-------|--------|--------|
| SGRD1 | STORAGE | D | 14X6 | 275 | 0.785 | 369 | 341 |
| | FINAL CFM | % to design | | | | | |
| | 265 | 96.4 | | | | | |
| SGRD2 | STORAGE | D | 14X6 | 275 | 0.785 | 259 | 309 |
| | FINAL CFM | % to design | | | | | |
| | 248 | 90.2 | | | | | |
| SGRD3 | STORAGE | D | 14X6 | 275 | 0.785 | 234 | 258 |
| | FINAL CFM | % to design | | | | | |
| | 203 | 73.8 | | | | | |
| SGRD4 | STORAGE | D | 14X6 | 275 | 0.785 | 241 | 349 |
| | FINAL CFM | % to design | | | | | |
| | 271 | 98.5 | | | | | |
| SGRD5 | OFFICE | A | 8" | 100 | 1 | 198 | 134 |
| | FINAL CFM | % to design | | | | | |
| | 104 | 104.0 | | | | | |
| SGRD6 | RESTROOM | C | 8" | 50 | 1 | 212 | 73 |
| | FINAL CFM | % to design | | | | | |
| | 54 | 108.0 | | | | | |
| SGRD7 | RESTROOM HALL | A | 8" | 100 | 1 | 196 | 120 |
| | FINAL CFM | % to design | | | | | |
| | 93 | 93.0 | | | | | |
| SGRD8 | RESTROOM | C | 8" | 50 | 1 | 182 | 71 |
| | FINAL CFM | % to design | | | | | |
| | 53 | 106.0 | | | | | |

Completed By: Jacob Davidson on

| Asset | Notes |
|-------|--|
| RTU1 | [1] MOTOR LABEL NOT ACCESSIBLE. INFORMATION TAKEN FROM UNIT LABEL MOTOR SPEED SET AT POSITION A 6.9DCV 90% |

National TAB

Project: 06-27 FAMILY DOLLAR - JASPER, AR

System/Unit: AHU/RTU



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Asset: RTU2

AREA: WEST SALES

| Unit Data | | |
|---------------------|---------|--------------------|
| | Design | Actual |
| MFG | CARRIER | CARRIER |
| Serial Num | - | 1622P80757 |
| Model Num | HC | 48HCED08F2M5A6F0J0 |
| Type | - | RTU |
| Configuration | - | VERTICAL |
| Num OA Filters 1 | - | 1 |
| OA Filter Size 1 | - | 19.25X35 |
| Num Final Filter 1 | - | 4 |
| Final Filter Size 1 | - | 20X20X2 |

| Motor Data | | |
|----------------|--------|-------------|
| | Design | Actual |
| Motor MFG | - | MARATHON |
| Frame | - | 56HZ |
| Horsepower | - | NL |
| Motor Rpm | - | 1670 |
| Phase | 3 | 3 |
| Rated Voltage | 208 | 208-230/460 |
| Rated Amperage | - | 6.7-6.6/3.3 |

| Drive Data | | |
|--------------------|--------|----------------|
| | Design | Actual |
| Motor Sheave Size | - | 4" |
| Motor Bore Size | - | 5/8" |
| Motor Sheave SetPt | - | 5 TURNS OUT |
| Fan Sheave Size | - | 7" |
| Fan Sheave Bore | - | 1" |
| Belt CL Distance | - | 16.75" |
| Num of Belts | - | 1 |
| Belt Size | - | A48 |
| Belt Alignment | - | VERIFIED |

| Test Data | | |
|------------------------|--------|------------------------|
| | Design | Actual |
| SF CFM | 2800 | 2970 |
| SF RPM | - | 722 |
| RA CFM | 2150 | 2317 |
| OA CFM | 650 | 653 |
| RL Voltage | - | 208/209/209 |
| RL Amperage | - | 3.2/3.5/3.9 |
| SF Rotation | - | CCW |
| RA Damper Position | - | 4.0V HIGH 4.85V LOW |
| Min OA Damper Position | - | 25% HIGH 35% LOW |
| Min OA Damper Type | - | ECONOMIZER |
| OA Enthalpy Setpt | - | ES5 |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.43" |
| Fan Suction SP | - | -0.56" |
| Fan Discharge SP | - | 0.39" |
| Total ESP | 1.0" | 0.82" |
| Fan Total SP | - | 0.95" |

| General | | |
|----------------------------|--------|--------|
| | Design | Actual |
| Fan Rotation Correct | - | YES |
| Unit Filters Clean | - | YES |
| Condensate Drain Installed | - | YES |

Completed By: Jacob Davidson

Notes:

National TAB

Project:06-27 FAMILY DOLLAR - JASPER, AR

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU2/WEST SALES

| Asset | Location | Type | MFG | Size | Model Num | DESIGN CFM | AK |
|-------|---------------|---------------|---------------|---------------|------------------|--------------------|----|
| SGRD1 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 400 | | 388 | 367 | 104.9 | |
| SGRD2 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 317 | | 366 | 346 | 98.9 | |
| SGRD3 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 472 | | 412 | 384 | 109.7 | |
| SGRD4 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 452 | | 394 | 373 | 106.6 | |
| SGRD5 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 432 | | 405 | 383 | 109.4 | |
| SGRD6 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 353 | | 384 | 363 | 103.7 | |
| SGRD7 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 412 | | 412 | 384 | 109.7 | |
| SGRD8 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 389 | | 391 | 370 | 105.7 | |

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| Asset | Notes |
|-------|-------|
|-------|-------|

National TAB

Project: 06-27 FAMILY DOLLAR - JASPER, AR

System/Unit: AHU/RTU



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Asset: RTU3

AREA: EAST SALES

| Unit Data | | |
|---------------------|---------|--------------------|
| | Design | Actual |
| MFG | CARRIER | CARRIER |
| Serial Num | - | 1622P80758 |
| Model Num | HC | 48HCED08F2M5A6F0J0 |
| Type | - | RTU |
| Configuration | - | VERTICAL |
| Num OA Filters 1 | - | 1 |
| OA Filter Size 1 | - | 19.25X35 |
| Num Final Filter 1 | - | 4 |
| Final Filter Size 1 | - | 20X20X2 |

| Motor Data | | |
|----------------|--------|-------------|
| | Design | Actual |
| Motor MFG | - | MARATHON |
| Frame | - | 56HZ |
| Horsepower | - | NL |
| Motor Rpm | - | 1670 |
| Phase | 3 | 3 |
| Rated Voltage | 208 | 208-230/460 |
| Rated Amperage | - | 6.7-6.6/3.3 |

| Drive Data | | |
|--------------------|--------|----------------|
| | Design | Actual |
| Motor Sheave Size | - | 4" |
| Motor Bore Size | - | 5/8" |
| Motor Sheave SetPt | - | 5 TURNS OUT |
| Fan Sheave Size | - | 7" |
| Fan Sheave Bore | - | 1" |
| Belt CL Distance | - | 16.75" |
| Num of Belts | - | 1 |
| Belt Size | - | A48 |
| Belt Alignment | - | VERIFIED |

| Test Data | | |
|------------------------|--------|-----------------------|
| | Design | Actual |
| SF CFM | 2800 | 2867 |
| SF RPM | - | 721 |
| RA CFM | 2150 | 2216 |
| OA CFM | 650 | 651 |
| RL Voltage | - | 209/209/210 |
| RL Amperage | - | 3.0/3.2/3.6 |
| SF Rotation | - | CCW |
| RA Damper Position | - | 3.4V HIGH 4.3V LOW |
| Min OA Damper Position | - | 17% HIGH 28% LOW |
| Min OA Damper Type | - | ECONOMIZER |
| OA Enthalpy Setpt | - | ES5 |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.44" |
| Fan Suction SP | - | -0.69" |
| Fan Discharge SP | - | 0.37" |
| Total ESP | 1.0" | 0.81" |
| Fan Total SP | - | 1.06" |

| General | | |
|----------------------------|--------|--------|
| | Design | Actual |
| Fan Rotation Correct | - | YES |
| Unit Filters Clean | - | YES |
| Condensate Drain Installed | - | YES |

Completed By: Jacob Davidson

Notes:

National TAB

Project:06-27 FAMILY DOLLAR - JASPER, AR

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU3/EAST SALES

| Asset | Location | Type | MFG | Size | Model Num | DESIGN CFM | AK |
|-------|---------------|---------------|---------------|---------------|------------------|--------------------|----|
| SGRD1 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 383 | | 381 | 360 | 102.9 | |
| SGRD2 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 385 | | 386 | 364 | 104.0 | |
| SGRD3 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 382 | | 382 | 361 | 103.1 | |
| SGRD4 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 385 | | 384 | 363 | 103.7 | |
| SGRD5 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 364 | | 366 | 346 | 98.9 | |
| SGRD6 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 376 | | 376 | 355 | 101.4 | |
| SGRD7 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 392 | | 388 | 367 | 104.9 | |
| SGRD8 | SALES | B | SUPPLY | 12" | NA | 350 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 373 | | 371 | 351 | 100.3 | |

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| Asset | Notes |
|-------|-------|
|-------|-------|

National TAB

Project: 06-27 FAMILY DOLLAR - JASPER, AR

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU4

AREA:SOUTH SALES

| Unit Data | | |
|---------------------|---------|--------------------|
| | Design | Actual |
| MFG | CARRIER | CARRIER |
| Serial Num | - | 1622P80628 |
| Model Num | HC | 48HCED11F2M5A6F0J0 |
| Type | - | RTU |
| Configuration | - | VERTICAL |
| Num OA Filters 1 | - | 1 METAL MESH |
| OA Filter Size 1 | - | 19.25X35 |
| Num Final Filter 1 | - | 4 |
| Final Filter Size 1 | - | 20X20X2 |

| Motor Data | | |
|----------------|--------|----------|
| | Design | Actual |
| Motor MFG | - | MARATHON |
| Frame | - | 56HZ |
| Horsepower | - | NL |
| Motor Rpm | - | 1750 |
| Phase | 3 | 3 |
| Rated Voltage | 208 | 230/460 |
| Rated Amperage | - | 9.2/4.6 |

| Drive Data | | |
|--------------------|--------|-------------|
| | Design | Actual |
| Motor Sheave Size | - | 4.75" |
| Motor Bore Size | - | 7/8" |
| Motor Sheave SetPt | - | 5 TURNS OUT |
| Fan Sheave Size | - | 7" |
| Fan Sheave Bore | - | 1" |
| Belt CL Distance | - | 17" |
| Num of Belts | - | 1 |
| Belt Size | - | AX49 |
| Belt Alignment | - | VERIFIED |

| Test Data | | |
|------------------------|--------|-----------------------|
| | Design | Actual |
| SF CFM | 3500 | 3802 |
| SF RPM | - | 848 |
| RA CFM | 2725 | 3021 |
| OA CFM | 775 | 781 |
| RL Voltage | - | 204/204/205 |
| RL Amperage | - | 4.9/5.4/6.0 |
| SF Rotation | - | CCW |
| RA Damper Position | - | 4.1V HIGH 5.1V LOW |
| Min OA Damper Position | - | 26% HIGH 38% LOW |
| Min OA Damper Type | - | ECONOMIZER |
| OA Enthalpy Setpt | - | ES5 |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.68" |
| Fan Suction SP | - | -0.89" |
| Fan Discharge SP | - | 0.34" |
| Total ESP | 1.0" | 1.02" |
| Fan Total SP | - | 1.23" |

| General | | |
|----------------------------|--------|--------|
| | Design | Actual |
| Fan Rotation Correct | - | YES |
| Unit Filters Clean | - | YES |
| Condensate Drain Installed | - | YES |

Completed By: Jacob Davidson

Notes:

National TAB

Project:06-27 FAMILY DOLLAR - JASPER, AR

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU4/SOUTH SALES

| Asset | Location | Type | MFG | Size | Model Num | DESIGN CFM | AK |
|-------|---------------|---------------|---------------|---------------|------------------|--------------------|----|
| SGRD1 | SALES | B | SUPPLY | 12" | NA | 440 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 431 | | 490 | 467 | 106.1 | |
| SGRD2 | SALES | B | SUPPLY | 12" | NA | 440 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 440 | | 507 | 484 | 110.0 | |
| SGRD3 | SALES | B | SUPPLY | 12" | NA | 435 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 557 | | 493 | 470 | 108.0 | |
| SGRD4 | SALES | B | SUPPLY | 12" | NA | 435 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 589 | | 504 | 481 | 110.6 | |
| SGRD5 | SALES | B | SUPPLY | 12" | NA | 435 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 546 | | 490 | 467 | 107.4 | |
| SGRD6 | SALES | B | SUPPLY | 12" | NA | 435 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 539 | | 501 | 478 | 109.9 | |
| SGRD7 | SALES | B | SUPPLY | 12" | NA | 440 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 441 | | 497 | 474 | 107.7 | |
| SGRD8 | SALES | B | SUPPLY | 12" | NA | 440 | 1 |
| | VEL(1) | CFM(1) | VEL(2) | CFM(2) | FINAL CFM | % to design | |
| | | 440 | | 504 | 481 | 109.3 | |

Completed By:Jacob Davidson on

| Asset | Notes |
|-------|-------|
|-------|-------|

National TAB

Project: 06-27 FAMILY DOLLAR - JASPER, AR

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:RESTROOM

| Unit Data | | |
|----------------------|-----------|----------|
| | Design | Actual |
| MFG | GREENHECK | BROAN |
| Model Num | SP-B110 | LP80-B |
| Serial Num | - | NL |
| Type | CEILING | CEILING |
| Configuration | VERTICAL | VERTICAL |

| Test Data | | |
|-------------------------|--------|--------|
| | Design | Actual |
| CFM | 75 | 72 |
| Fan RPM | - | UTO |
| Fan Rotation | - | CW |
| Motor RPM | - | NA |
| System SetPt | - | NA |
| RL Voltage | - | 123 |
| RL Amperage | - | 0.19 |
| Total ESP | 0.25" | UTO |
| Fan Inlet SP | - | UTO |
| Fan Discharge SP | - | UTO |

| Motor Data | | |
|-------------------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | BROAN |
| Frame | - | NL |
| Horsepower | 80W | NL |
| Motor Rpm | - | NL |
| Phase | 1 | 1 |
| Voltage (rated) | 120 | 120 |
| Amperage (rated) | - | 0.3 |
| Service Factor | - | 1 |

Completed By: Jacob Davidson

Notes:HARD CEILING MOUNTED SINGLE SPEED FAN

| Asset | Notes |
|-------|-------|
| | |

National TAB

Project: 06-27 FAMILY DOLLAR - JASPER, AR

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF2

AREA:RESTROOM

| Unit Data | | |
|---------------|-----------|----------|
| | Design | Actual |
| MFG | GREENHECK | BROAN |
| Model Num | SP-B110 | LP80-B |
| Serial Num | - | NL |
| Type | CEILING | CEILING |
| Configuration | VERTICAL | VERTICAL |

| Test Data | | |
|------------------|--------|--------|
| | Design | Actual |
| CFM | 75 | 81 |
| Fan RPM | - | NA |
| Fan Rotation | - | CW |
| Motor RPM | - | NA |
| System SetPt | - | NA |
| RL Voltage | - | 122 |
| RL Amperage | - | 0.19 |
| Total ESP | 0.25" | UTO |
| Fan Inlet SP | - | UTO |
| Fan Discharge SP | - | UTO |

| Motor Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | BROAN |
| Frame | - | NL |
| Horsepower | - | NL |
| Motor Rpm | - | NL |
| Phase | 3 | 1 |
| Voltage (rated) | 120 | 120 |
| Amperage (rated) | - | 0.30 |
| Service Factor | - | 1 |

Completed By: Jacob Davidson

Notes:HARD CEILING MOUNTED SINGLE SPEED FAN

| Asset | Notes |
|-------|-------|
| | |