

National TAB

Project: 02-03-25 WAWA #5804 FAIRHOPE, AL

System/Unit: AHU/RTU



Asset: RTU1

AREA:RETAIL

| Unit Data | | |
|---------------------|-------------------|-------------------|
| | Design | Actual |
| MFG | LENNOX ENLIGHT | LENNOX ENLIGHT |
| Serial Num | - | 5624H04580 |
| Model Num | LCT102H4E | LCT102H4EG1Y |
| Type | RTU | RTU |
| Configuration | VERTICAL | VERTICAL |
| Num OA Filters 1 | - | 1 |
| OA Filter Size 1 | - | 24X16 |
| Num Final Filter 1 | - | 4 |
| Final Filter Size 1 | - | 20X25X2 |

| Motor Data | | |
|----------------|--------|----------|
| | Design | Actual |
| Motor MFG | - | EBMPAPST |
| Frame | - | NL |
| Horsepower | 3.75 | 3.8 |
| Motor Rpm | - | NL |
| Phase | 3 | 3 |
| Rated Voltage | 208 | 208 |
| Rated Amperage | - | 8.7 |
| Service Factor | - | NL |

| Drive Data | |
|-------------------|--------------|
| | Actual |
| Motor Sheave Size | DIRECT DRIVE |

| Test Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| SF CFM | 3400 | 3495 |
| SF RPM | - | 1540 |
| MOTOR RPM | - | 1540 |
| RA CFM | 2900 | 2977 |
| OA CFM | 500 | 518 |
| RL Voltage | - | 209/209/208 |
| RL Amperage | - | 6.4/6.5/6.5 |
| SF System SetPt | - | 68% |
| RA Damper Position | - | 76% |
| OA Damper Position | - | 24% |
| OA Damper Type | - | OPPOSED BLADE |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.53" |
| Fan Suction SP | - | -0.95" |
| Fan Discharge SP | - | 0.31" |
| Total ESP | 0.5" | 0.84" |
| Fan Total SP | - | 1.26" |

Completed By: Oscar Ventura on 02/05/2025

Unit Data - PHOTO LOG



02/04/2025

National TAB

Project:02-03-25 WAWA #5804 FAIRHOPE, AL

AHU/RTU



Diffuser Supply (GRD)

RTU1/RETAIL

| Asset | | | | | | | | | |
|------------|--------------------|------|------|------------|----|--------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| SGRD1 | RETAIL | LD1 | 10" | 310 | 1 | 549 | 432 | 302 | 97.4 |
| SGRD2 | RETAIL | LD1 | 10" | 300 | 1 | 599 | 451 | 307 | 102.3 |
| SGRD3 | RETAIL | LD1 | 10" | 300 | 1 | 628 | 525 | 310 | 103.3 |
| SGRD4 | RETAIL | LD1 | 10" | 300 | 1 | 604 | 502 | 314 | 104.7 |
| SGRD5 | RETAIL | LD1 | 10" | 300 | 1 | 647 | 516 | 312 | 104.0 |
| SGRD6 | ASSOCIATES | CD1 | 8" | 150 | 1 | 238 | 175 | 159 | 106.0 |
| SGRD7 | OFFICE | CD1 | 8" | 150 | 1 | 204 | 163 | 154 | 102.7 |
| SGRD8 | RETAIL | LD1 | 10" | 310 | 1 | 336 | 332 | 319 | 102.9 |
| SGRD9 | RETAIL | LD1 | 10" | 285 | 1 | 391 | 252 | 292 | 102.5 |
| SGRD10 | DELIVERY VESTIBULE | CD1 | 8" | 200 | 1 | 319 | 234 | 211 | 105.5 |
| SGRD11 | RETAIL | LD1 | 10" | 285 | 1 | 339 | 247 | 294 | 103.2 |
| SGRD12 | RETAIL | LD1 | 10" | 285 | 1 | 298 | 155 | 288 | 101.1 |
| SGRD13 | WOMENS RR | CD3 | 6" | 50 | 1 | 77 | 68 | 53 | 106.0 |
| SGRD14 | REAR VESTIBULE | CD3 | 6" | 100 | 1 | 159 | 109 | 102 | 102.0 |
| SGRD15 | MENS RR | CD3 | 6" | 75 | 1 | 104 | 86 | 78 | 104.0 |
| Total | | | | 3400 | | 5492 | 4247 | 3495 | 102.79% |

Completed By: Oscar Ventura on 02/04/2025

National TAB

Project: 02-03-25 WAWA #5804 FAIRHOPE, AL

System/Unit: AHU/RTU



Asset: RTU2

AREA:FOOD SERVICE

| Unit Data | | |
|---------------------|-------------------|-------------------|
| | Design | Actual |
| MFG | LENNOX ENLIGHT | LENNOX ENLIGHT |
| Serial Num | - | 5624HO4161 |
| Model Num | LCT150H4E | LCT150H4EG1Y |
| Type | RTU | RTU |
| Configuration | VERTICAL | VERTICAL |
| Num OA Filters 1 | - | 1 |
| OA Filter Size 1 | - | 24X16 |
| Num Final Filter 1 | - | 4 |
| Final Filter Size 1 | - | 20X25X2 |

| Motor Data | | |
|----------------|--------|----------|
| | Design | Actual |
| Motor MFG | - | EBMPAPST |
| Frame | - | NL |
| Horsepower | 3.75 | 3.8 |
| Motor Rpm | - | NL |
| Phase | 3 | 3 |
| Rated Voltage | 208 | 208 |
| Rated Amperage | - | 8.7 |
| Service Factor | - | NL |

| Drive Data | |
|-------------------|--------------|
| | Actual |
| Motor Sheave Size | DIRECT DRIVE |

| Test Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| SF CFM | 5000 | 5139 |
| SF RPM | - | 1937 |
| MOTOR RPM | - | 1937 |
| RA CFM | 4350 | 4521 |
| OA CFM | 650 | 618 |
| RL Voltage | - | 208/208/209 |
| RL Amperage | - | 6.3/6.2/6.2 |
| SF System SetPt | - | 88% |
| RA Damper Position | - | 85% |
| OA Damper Position | - | 15% |
| OA Damper Type | - | OPPOSED BLADE |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.65" |
| Fan Suction SP | - | -1.08" |
| Fan Discharge SP | - | 0.62" |
| Total ESP | 0.5" | 1.27" |
| Fan Total SP | - | 1.70" |

Completed By: Oscar Ventura on 02/05/2025

Unit Data - PHOTO LOG



02/04/2025

National TAB

Project:02-03-25 WAWA #5804 FAIRHOPE, AL

AHU/RTU



Diffuser Supply (GRD)

RTU2/FOOD SERVICE

| Asset | | | | | | | | | |
|------------|-----------------|------|------|------------|----|--------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| SGRD1 | FOOD SERVICE | LD1 | 12" | 500 | 1 | 628 | 584 | 521 | 104.2 |
| SGRD2 | FOOD SERVICE | LD1 | 12" | 500 | 1 | 619 | 562 | 508 | 101.6 |
| SGRD3 | FOOD SERVICE | LD1 | 12" | 500 | 1 | 564 | 535 | 502 | 100.4 |
| SGRD4 | FOOD SERVICE | LD1 | 12" | 500 | 1 | 587 | 547 | 511 | 102.2 |
| SGRD5 | FOOD SERVICE | LD1 | 12" | 500 | 1 | 592 | 569 | 505 | 101.0 |
| SGRD6 | FOOD SERVICE | LD1 | 12" | 500 | 1 | 580 | 556 | 509 | 101.8 |
| SGRD7 | FOOD SERVICE | CD1 | 12" | 500 | 1 | 587 | 550 | 506 | 101.2 |
| SGRD8 | FOOD SERVICE | CD1 | 12" | 375 | 1 | 492 | 438 | 388 | 103.5 |
| SGRD9 | WASHROOM | CD1 | 12" | 500 | 1 | 566 | 551 | 529 | 105.8 |
| SGRD10 | STAGING | CD1 | 6" | 75 | 1 | 93 | 82 | 79 | 105.3 |
| SGRD11 | ELECTRICAL ROOM | CD1 | 12" | 550 | 1 | 408 | 394 | 581 | 105.6 |
| Total | | | | 5000 | | 5716 | 5368 | 5139 | 102.78% |

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National TAB

Project: 02-03-25 WAWA #5804 FAIRHOPE, AL

System/Unit: AHU/RTU



Asset: RTU3

AREA:RETAIL

| Unit Data | | |
|---------------------|-------------------|-------------------|
| | Design | Actual |
| MFG | LENNOX ENLIGHT | LENNOX ENLIGHT |
| Serial Num | - | 5624H04156 |
| Model Num | LCT092H4E | LCT092H4EG1Y |
| Type | RTU | RTU |
| Configuration | VERTICAL | VERTICAL |
| Num OA Filters 1 | - | 1 |
| OA Filter Size 1 | - | 24X16 |
| Num Final Filter 1 | - | 4 |
| Final Filter Size 1 | - | 20X25X2 |

| Test Data | | |
|--------------------|--------|------------------|
| | Design | Actual |
| SF CFM | 3000 | 3098 |
| SF RPM | - | 1562 |
| MOTOR RPM | - | 1562 |
| RA CFM | 2700 | 2784 |
| OA CFM | 300 | 314 |
| RL Voltage | - | 208/208/209 |
| RL Amperage | - | 6.8/6.7/6.7 |
| SF System SetPt | - | 71% |
| RA Damper Position | - | 78% |
| OA Damper Position | - | 22% |
| OA Damper Type | - | OPPOSED BLADE |

| Motor Data | | |
|----------------|--------|----------|
| | Design | Actual |
| Motor MFG | - | EBMPAPST |
| Frame | - | NL |
| Horsepower | 3.75 | 3.8 |
| Motor Rpm | - | NL |
| Phase | 3 | 3 |
| Rated Voltage | 208 | 208 |
| Rated Amperage | - | 8.7 |
| Service Factor | - | NL |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| MA Plenum SP | - | -0.46" |
| Fan Suction SP | - | -0.72" |
| Fan Discharge SP | - | 1.12" |
| Total ESP | 0.5" | 1.58" |
| Fan Total SP | - | 1.84" |

| Drive Data | |
|-------------------|--------------|
| | Actual |
| Motor Sheave Size | DIRECT DRIVE |

Completed By: Oscar Ventura on 02/05/2025

Unit Data - PHOTO LOG



02/04/2025

National TAB

Project:02-03-25 WAWA #5804 FAIRHOPE, AL

AHU/RTU



Diffuser Supply (GRD)

RTU3/RETAIL

| Asset | | | | | | | | | |
|------------|---------------------------|------|------|------------|----|--------|--------|-----------|-------------|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| SGRD1 | FRONT VESTIBULE | LD1 | 10" | 500 | 1 | 672 | 648 | 533 | 106.6 |
| SGRD2 | RETAIL | LD1 | 10" | 350 | 1 | 582 | 573 | 365 | 104.3 |
| SGRD3 | RETAIL | LD1 | 10" | 300 | 1 | 469 | 441 | 314 | 104.7 |
| SGRD4 | COFFEE/SPECIALTY BEVERAGE | LD1 | 10" | 300 | 1 | 362 | 317 | 309 | 103.0 |
| SGRD5 | COFFEE/SPECIALTY BEVERAGE | LD1 | 10" | 300 | 1 | 409 | 388 | 306 | 102.0 |
| SGRD6 | COFFEE/SPECIALTY BEVERAGE | LD1 | 10" | 300 | 1 | 445 | 406 | 311 | 103.7 |
| SGRD7 | RETAIL | LD1 | 10" | 300 | 1 | 122 | 104 | 301 | 100.3 |
| SGRD8 | RETAIL | LD1 | 10" | 300 | 1 | 183 | 141 | 302 | 100.7 |
| SGRD9 | RETAIL | LD1 | 10" | 350 | 1 | 171 | 148 | | - |
| Total | | | | 3000 | | 3415 | 3166 | 2741 | 91.37% |

National TAB

Project: 02-03-25 WAWA #5804 FAIRHOPE, AL

System/Unit: FAN - Exhaust



Asset: EF1

AREA:FOOD SERVICE

| Unit Data | | |
|---------------|-----------|-----------------|
| | Design | Actual |
| MFG | GREENHECK | GREENHECK |
| Model Num | G-120 | G-120-4-VG-19-X |
| Serial Num | - | 2S4S9467 |
| Type | DOWNBLAST | DOWNBLAST |
| Configuration | VERTICAL | VERTICAL |

| Motor Data | | |
|------------------|--------|------------|
| | Design | Actual |
| Motor MFG | - | VARI-GREEN |
| Frame | - | NL |
| Horsepower | 1/4 | 1/4 |
| Motor Rpm | - | 1750 |
| Phase | 1 | 1 |
| Voltage (rated) | 120 | 120 |
| Amperage (rated) | - | 3.5 |
| Service Factor | - | NL |

| Test Data | | |
|------------------|--------|------------|
| | Design | Actual |
| CFM | 850 | 880 |
| Fan RPM | 1038 | SPEED DIAL |
| Fan Rotation | - | CW |
| Motor RPM | - | SPEED DIAL |
| System SetPt | - | MEDIUM |
| RL Voltage | - | 121 |
| RL Amperage | - | 2.3 |
| Total ESP | 0.375" | 0.31" |
| Fan Inlet SP | - | -0.31" |
| Fan Discharge SP | - | ATM |

Completed By: Oscar Ventura on 02/05/2025

Unit Data - PHOTO LOG



02/04/2025

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 Project:02-03-25 WAWA #5804 FAIRHOPE, AL
FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF1/FOOD SERVICE

| Asset | | | | | | | | | |
|-------------------|-----------------|-------------|-------------|-------------------|-----------|---------------|---------------|------------------|--------------------|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| EGRD1 | FOOD SERVICE | G1 | 10" | 200 | 1 | 328 | 251 | 209 | 104.5 |
| EGRD2 | FOOD SERVICE | G1 | 10" | 200 | 1 | 312 | 247 | 207 | 103.5 |
| EGRD3 | FOOD SERVICE | G1 | 10" | 200 | 1 | 284 | 226 | 202 | 101.0 |
| EGRD4 | STAGING | G1 | 10" | 100 | 1 | 186 | 142 | 103 | 103.0 |
| EGRD5 | MENS RR | G3 | 6" | 50 | 1 | 119 | 101 | 53 | 106.0 |
| EGRD6 | WOMENS RR | G3 | 6" | 100 | 1 | 139 | 109 | 106 | 106.0 |
| Total | | | | 850 | | 1368 | 1076 | 880 | 103.53% |

Completed By: Oscar Ventura on 02/04/2025

National TAB

Project: 02-03-25 WAWA #5804 FAIRHOPE, AL

System/Unit: FAN - Exhaust



Asset: EF2

AREA:WATER SERVICE ROOM

| Unit Data | | |
|---------------|------------|------------|
| | Design | Actual |
| MFG | GREENHECK | GREENHECK |
| Model Num | CSP-B110 | CSP-B110 |
| Serial Num | - | - |
| Type | INLINE | INLINE |
| Configuration | HORIZONTAL | HORIZONTAL |

| Test Data | | |
|------------------|--------|--------|
| | Design | Actual |
| CFM | 60 | 58 |
| Fan RPM | 584 | (1) |
| Fan Rotation | - | NL |
| Motor RPM | - | (1) |
| System SetPt | - | (1) |
| RL Voltage | - | 120 |
| RL Amperage | - | (1) |
| Total ESP | 0.125" | 0.10" |
| Fan Inlet SP | - | -0.10" |
| Fan Discharge SP | - | ATM |

| Motor Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | NL |
| Frame | - | NL |
| Horsepower | 21W | NL |
| Motor Rpm | - | (1) |
| Phase | 1 | 1 |
| Voltage (rated) | 120 | 120 |
| Amperage (rated) | - | (1) |
| Service Factor | - | NL |

Completed By: Oscar Ventura on 02/05/2025

Notes:
 (1). MOTOR DATA IS NOT ACCESSIBLE. MOTOR IS ENCLOSED IN METAL CASING.

Written By: Oscar Ventura on 02/05/2025

Unit Data - PHOTO LOG



02/05/2025