# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

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# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R10** AREA:LINE MAINT STORAGE

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | |
| **Model Num** | NA | RNA-008 |
| **Configuration** | VERTICAL | |
| **Num OA Filters 1** | - | |
| **OA Filter Size 1** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | 2.0 | |
| **Motor Rpm** | - | 1170 |
| **Phase** | 3 | |
| **Rated Voltage** | 460 | |
| **Rated Amperage** | 3.4 | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 2100 | |
| **SF RPM** | 1256 | |
| **RA CFM** | 1565 | |
| **OA CFM** | 535 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 3.4 | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | - | |
| **OA Damper Position** | - | |
| **Brake Horse Power** | 0.75 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 0.51 | |
| **Fan Total SP** | 1.44 | |
| **Cooling Coil P.D.** | - | |

### Diffuser Supply (GRD)

**HP-R10/LINE MAINT STORAGE**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R10-SGRD1 | 183 | SG-04 | 18X6 | 350 | | | - |
| HP-R10-SGRD2 | 183 | SG-04 | 18X6 | 350 | | | - |
| HP-R10-SGRD3 | 183 | SG-04 | 18X6 | 350 | | | - |
| HP-R10-SGRD4 | 183 | SG-04 | 18X6 | 350 | | | - |
| HP-R10-SGRD5 | 183 | SG-04 | 18X6 | 350 | | | - |
| HP-R10-SGRD6 | 183 | SG-04 | 18X6 | 350 | | | - |
| Total | | | | 2100 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**HP-R10/LINE MAINT STORAGE**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| EGRD1 | 183 | WMS | | 1600 | | | | | - |
| Total | | | | 1600 | | 0 | 0 | 0 | 0% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R11** AREA:CO102

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-ANEL34316 |
| **Model Num** | NA | RNA-015 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 22”x44.5” |
| **Num PreFilter 1** | - | 4 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 5.0 | 5 |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 7.6 | 7.6 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 4920 | 5037 |
| **SF RPM** | 1676 | 1408 |
| **RA CFM** | 3920 | 3984 |
| **OA CFM** | 980 | 1053 |
| **RL Voltage** | 460 | 386 VFD |
| **RL Amperage** | 7.6 | 4.49 VFD |
| **VFD Max SetPt** | - | 8.0V |
| **SF Motor Freq(HZ)** | - | 48HZ |
| **OA Damper Position** | - | 2.9V |
| **Brake Horse Power** | 3.10 | 3.0 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.45” |
| **Fan Suction SP** | - | -0.80" |
| **Fan Discharge SP** | - | 0.18” |
| **Total ESP** | 0.94 | 0.63" |
| **Fan Total SP** | 2.50 | 0.98" |
| **Cooling Coil P.D.** | - | 0.35" |

Completed By: Gabe Merk on 01/13/2026

### Diffuser Supply (GRD)

**HP-R11/CO102**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R11-SGRD1 | C0102 | SG-05 | 18X8 | 410 | 420 | 420 | 102.4 |
| HP-R11-SGRD2 | C0102 | SG-05 | 18X8 | 410 | 434 | 434 | 105.9 |
| HP-R11-SGRD3 | C0102 | SG-05 | 18X8 | 410 | 390 | 390 | 95.1 |
| HP-R11-SGRD4 | C0102 | SG-05 | 18X8 | 410 | 374 | 374 | 91.2 |
| HP-R11-SGRD5 | C0102 | SG-05 | 18X8 | 410 | 446 | 446 | 108.8 |
| HP-R11-SGRD6 | C0102 | SG-05 | 18X8 | 410 | 410 | 410 | 100.0 |
| HP-R11-SGRD7 | C0102 | SG-05 | 18X8 | 410 | 405 | 405 | 98.8 |
| HP-R11-SGRD8 | C0102 | SG-05 | 18X8 | 410 | 437 | 437 | 106.6 |
| HP-R11-SGRD9 | C0102 | SG-05 | 18X8 | 410 | 399 | 399 | 97.3 |
| HP-R11-SGRD10 | C0102 | SG-05 | 18X8 | 410 | 424 | 424 | 103.4 |
| HP-R11-SGRD11 | C0102 | SG-05 | 18X8 | 410 | 458 | 448 | 109.3 |
| HP-R11-SGRD12 | C0102 | SG-05 | 18X8 | 410 | 450 | 450 | 109.8 |
| Total | | | | 4920 | 5047 | 5037 | 102.38% |

### Diffuser Ret/Exh (GRD)

**HP-R11/CO102**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| HP-R11-EGRD1 | C0102 | RG-06 | 48X20 | 4900 | | | | | - |
| Total | | | | 4900 | | 0 | 0 | 0 | 0% |

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**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R12** AREA:C0102

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-ANEL34317 |
| **Model Num** | NA | RN-015 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 22”x45” |
| **Num PreFilter 1** | - | 4 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 5.0 | 5 |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 7.6 | 7.6 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 4920 | 4894 |
| **SF RPM** | 1676 | 1416 |
| **RA CFM** | 3920 | 3878 |
| **OA CFM** | 980 | 1016 |
| **RL Voltage** | 460 | 389 VFD |
| **RL Amperage** | 7.6 | 4.7 VFD |
| **VFD Max SetPt** | - | 8.0V |
| **SF Motor Freq(HZ)** | - | 48.3HZ |
| **OA Damper Position** | - | 3.6V |
| **Brake Horse Power** | 3.10 | 3.1 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.53” |
| **Fan Suction SP** | - | -0.86” |
| **Fan Discharge SP** | - | 0.24” |
| **Total ESP** | 0.94 | 0.77” |
| **Fan Total SP** | 2.50 | 1.10” |
| **Cooling Coil P.D.** | - | 0.33” |

Completed By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU/RTU

**Diffuser Supply (GRD)**

**HP-R12/C0102**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R12-SGRD1 | C0102 | SG-05 | 18X8 | 410 | 5776 | 421 | 102.7 |
| HP-R12-SGRD2 | C0102 | SG-05 | 18X8 | 410 | | 425 | 103.7 |
| HP-R12-SGRD3 | C0102 | SG-05 | 18X8 | 410 | | 399 | 97.3 |
| HP-R12-SGRD5 | C0102 | SG-05 | 18X8 | 410 | | 415 | 101.2 |
| HP-R12-SGRD5 | C0102 | SG-05 | 18X8 | 410 | | 429 | 104.6 |
| HP-R12-SGRD6 | C0102 | SG-05 | 18X8 | 410 | | 418 | 102.0 |
| HP-R12-SGRD7 | C0102 | SG-05 | 18X8 | 410 | | 412 | 100.5 |
| HP-R12-SGRD8 | C0102 | SG-05 | 18X8 | 410 | | 411 | 100.2 |
| HP-R12-SGRD9 | C0102 | SG-05 | 18X8 | 410 | | 376 | 91.7 |
| HP-R12-SGRD10 | C0102 | SG-05 | 18X8 | 410 | | 389 | 94.9 |
| HP-R12-SGRD11 | C0102 | SG-05 | 18X8 | 410 | | 383 | 93.4 |
| HP-R12-SGRD12 | C0102 | SG-05 | 18X8 | 410 | 4894 | 416 | 101.5 |
| Total | | | | 4920 | 10670 | 4894 | 99.47% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R13** AREA:180 PASSAGE

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | |
| **Model Num** | NA | RQA-004 |
| **Configuration** | VERTICAL | |
| **Num OA Filters 1** | - | |
| **OA Filter Size 1** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | 2.0 | |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | |
| **Rated Voltage** | 460 | |
| **Rated Amperage** | 3.4 | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 1640 | |
| **SF RPM** | 1468 | |
| **RA CFM** | 1100 | |
| **OA CFM** | 540 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 3.4 | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | - | |
| **OA Damper Position** | - | |
| **Brake Horse Power** | 0.87 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 0.70 | |
| **Fan Total SP** | 1.79 | |
| **Cooling Coil P.D.** | - | |

### Diffuser Supply (GRD)

**HP-R13/180 PASSAGE**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R13-SGRD1 | 182 | SD-03 | 8 | 170 | | | - |
| HP-R13-SGRD2 | 182 | SD-03 | 8 | 170 | | | - |
| HP-R13-SGRD3 | 177 | LS-02 | 8 | 100 | | | - |
| HP-R13-SGRD4 | 176 | LS-02 | 8 | 100 | | | - |
| HP-R13-SGRD5 | 180 | SD-04 | 10 | 250 | | | - |
| HP-R13-SGRD6 | 180 | SD-04 | 10 | 250 | | | - |
| HP-R13-SGRD7 | 181 | SD-03 | 8 | 200 | | | - |
| HP-R13-SGRD8 | 181 | SD-03 | 8 | 200 | | | - |
| HP-R13-SGRD9 | 181 | SD-03 | 8 | 200 | | | - |
| Total | | | | 1640 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**HP-R13/180 PASSAGE**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| HP-R13-EGRD1 | 181 | RD-04 | 12 | 270 | | | | | - |
| HP-R13-EGRD2 | 181 | RD-02 | 8 | 120 | | | | | - |
| HP-R13-EGRD3 | 181 | RD-04 | 12 | 600 | | | | | - |
| Total | | | | 990 | | 0 | 0 | 0 | 0% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R01** AREA:180 PASSAGE

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | |
| **Model Num** | NA | RNA-010 |
| **Configuration** | VERTICAL | |
| **Num OA Filters 1** | - | |
| **OA Filter Size 1** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | 3.0 | |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | |
| **Rated Voltage** | 460 | |
| **Rated Amperage** | 4.8 | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 2820 | |
| **SF RPM** | 1540 | |
| **RA CFM** | 2280 | |
| **OA CFM** | 540 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 4.8 | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | - | |
| **OA Damper Position** | - | |
| **Brake Horse Power** | 1.34 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 0.62 | |
| **Fan Total SP** | 1.88 | |
| **Cooling Coil P.D.** | - | |

### Diffuser Supply (GRD)

**HP-R01/180 PASSAGE**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R01-SGRD1 | 101 | SG-04 | 18X6 | 370 | | | - |
| HP-R01-SGRD2 | 101 | SG-04 | 18X6 | 370 | | | - |
| HP-R01-SGRD3 | 101 | SG-04 | 18X6 | 370 | | | - |
| HP-R01-SGRD4 | 101 | SG-04 | 18X6 | 370 | | | - |
| HP-R01-SGRD5 | 101 | SG-04 | 18X6 | 370 | | | - |
| HP-R01-SGRD6 | 101 | SG-04 | 18X6 | 370 | | | - |
| HP-R01-SGRD7 | 102 | SG-04 | 18X6 | 215 | | | - |
| HP-R01-SGRD8 | 102 | SG-04 | 18X6 | 215 | | | - |
| HP-R01-SGRD9 | 102 | | 8 | 170 | | | - |
| Total | | | | 2820 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**HP-R01/180 PASSAGE**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| HP-R01-EGRD1 | 101 | RG-02 | 12X12 | 480 | | | | | - |
| HP-R01-EGRD2 | 101 | RG-04 | 24X20 | 1790 | | | | | - |
| Total | | | | 2270 | | 0 | 0 | 0 | 0% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R02** AREA:103

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | |
| **Model Num** | NA | RQA-003 |
| **Configuration** | VERTICAL | |
| **Num OA Filters 1** | - | |
| **OA Filter Size 1** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | 1.0 | |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | |
| **Rated Voltage** | 460 | |
| **Rated Amperage** | 3.5 | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 1050 | |
| **SF RPM** | 1186 | |
| **RA CFM** | 960 | |
| **OA CFM** | 321 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 3.5 | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | - | |
| **OA Damper Position** | - | |
| **Brake Horse Power** | 0.45 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 0.53 | |
| **Fan Total SP** | 1.33 | |
| **Cooling Coil P.D.** | - | |

### Diffuser Supply (GRD)

**HP-R02/103**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R02-SGRD1 | 105 | SD-03 | 8 | 130 | | | - |
| HP-R02-SGRD2 | 105 | LS-01 | 6 | 100 | | | - |
| HP-R02-SGRD3 | 105 | LS-01 | 6 | 100 | | | - |
| HP-R02-SGRD5 | 105 | SD-03 | 8 | 130 | | | - |
| HP-R02-SGRD5 | 105 | SG-01 | 8X8 | 150 | | | - |
| HP-R02-SGRD6 | 104 | SD-04 | 10 | 220 | | | - |
| HP-R02-SGRD7 | 103 | SD-04 | 10 | 220 | | | - |
| Total | | | | 1050 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**HP-R02/103**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| HP-R02-EGRD1 | 105 | RD-03 | 24X16 | 150 | | | | | - |
| HP-R02-EGRD2 | 104 | RD-03 | 24X16 | 200 | | | | | - |
| HP-R02-EGRD3 | 104 | RG-01 | 8X8 | 150 | | | | | - |
| HP-R02-EGRD4 | 103 | RD-03 | 24X16 | 200 | | | | | - |
| Total | | | | 700 | | 0 | 0 | 0 | 0% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R03** AREA:WARMING KITCHEN

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-BNET34325 |
| **Model Num** | NA | RQA-002 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 24”x49” |
| **Num PreFilter 1** | - | 6 / 6 / 6 |
| **PreFilter Size 1** | - | 16”x20”x2” / 20”x25”x2” / 20”x25”x4” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 1.0 | 1.0 |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | 1 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 3.5 | 3.5 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 550 | 561 |
| **RA CFM** | 460 | 474 |
| **OA CFM** | 90 | 87 |
| **RL Voltage** | 230 | 485 |
| **RL Amperage** | 7.0 | 0.1 |
| **VFD Max SetPt** | - | 2.1V |
| **OA Damper Position** | - | 2.8V |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.20” |
| **Fan Suction SP** | - | -0.29” |
| **Fan Discharge SP** | - | 0.29” |
| **Total ESP** | 0.60 | 0.49” |
| **Fan Total SP** | 1.20 | 0.58” |
| **Cooling Coil P.D.** | - | 0.09" |

Completed By: Gabe Merk on 01/13/2026

Notes:
2.4V SF setpoint

Written By: Gabe Merk on 01/13/2026

**Diffuser Supply (GRD)**

**HP-R03/WARMING KITCHEN**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R03-SGRD1 | 147 | SD-06 | 10 | 275 | 315 | 273 | 99.3 |
| HP-R03-SGRD2 | 147 | SD-06 | 10 | 275 | 365 | 288 | 104.7 |
| Total | | | | 550 | 680 | 561 | 102% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R04** AREA:SHEET METAL SHOP

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-BNER34323 |
| **Model Num** | NA | RNA-025 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 28.5”x52” |
| **Num PreFilter 1** | - | 6 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 7.5 | 7.5 |
| **Motor Rpm** | - | 1170 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 11.0 | 11.0 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 6800 | 6667 |
| **SF RPM** | 1066 | 915 |
| **RA CFM** | 4717 | 4555 |
| **OA CFM** | 2083 | 2112 |
| **RL Voltage** | 460 | 371.8 VFD |
| **RL Amperage** | 11.0 | 8.1 VFD |
| **VFD Max SetPt** | - | 8.2V |
| **SF Motor Freq(HZ)** | - | 46.9HZ |
| **OA Damper Position** | - | 4.0V |
| **Brake Horse Power** | 3.82 | 5.6 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.30” |
| **Fan Suction SP** | - | -0.68” |
| **Fan Discharge SP** | - | 0.40” |
| **Total ESP** | 0.93 | 0.70" |
| **Fan Total SP** | 2.11 | 1.08" |
| **Cooling Coil P.D.** | - | 0.38" |

Completed By: Gabe Merk on 01/13/2026

**Diffuser Supply (GRD)**

**HP-R04/SHEET METAL SHOP**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R04-SGRD1 | 150 | SG-03 | 12X6 | 340 | 345 | 315 | 92.6 |
| HP-R04-SGRD2 | 150 | SG-03 | 12X6 | 340 | 366 | 326 | 95.9 |
| HP-R04-SGRD3 | 150 | SG-03 | 12X6 | 340 | 362 | 343 | 100.9 |
| HP-R04-SGRD4 | 150 | SG-03 | 12X6 | 340 | 362 | 327 | 96.2 |
| HP-R04-SGRD5 | 150 | SG-03 | 12X6 | 340 | 326 | 309 | 90.9 |
| HP-R04-SGRD6 | 150 | SG-03 | 12X6 | 340 | 327 | 315 | 92.6 |
| HP-R04-SGRD7 | 150 | SG-03 | 12X6 | 340 | 381 | 352 | 103.5 |
| HP-R04-SGRD8 | 150 | SG-03 | 12X6 | 340 | 356 | 335 | 98.5 |
| HP-R04-SGRD9 | 150 | SG-03 | 12X6 | 340 | 435 | 360 | 105.9 |
| HP-R04-SGRD10 | 150 | SG-03 | 12X6 | 340 | 411 | 357 | 105.0 |
| HP-R04-SGRD11 | 150 | SG-03 | 12X6 | 340 | 419 | 351 | 103.2 |
| HP-R04-SGRD12 | 150 | SG-03 | 12X6 | 340 | 427 | 341 | 100.3 |
| HP-R04-SGRD13 | 150 | SG-03 | 12X6 | 340 | 365 | 323 | 95.0 |
| HP-R04-SGRD14 | 150 | SG-03 | 12X6 | 340 | 293 | 310 | 91.2 |
| HP-R04-SGRD15 | 150 | SG-03 | 12X6 | 340 | 411 | 348 | 102.4 |
| HP-R04-SGRD16 | 150 | SG-03 | 12X6 | 340 | 445 | 339 | 99.7 |

**HP-R04/SHEET METAL SHOP**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R04-SGRD17 | 150 | SG-03 | 12X6 | 340 | 377 | 321 | 94.4 |
| HP-R04-SGRD18 | 150 | SG-03 | 12X6 | 340 | 386 | 330 | 97.1 |
| HP-R04-SGRD19 | 150 | SG-03 | 12X6 | 340 | 401 | 350 | 102.9 |
| HP-R04-SGRD20 | 150 | SG-03 | 12X6 | 340 | 395 | 315 | 92.6 |
| Total | | | | 6800 | 7590 | 6667 | 98.04% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R05** AREA:152

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-ANEK34313 |
| **Model Num** | NA | RNA-013 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 22”x44.5” |
| **Num PreFilter 1** | - | 4 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 5.0 | 5 |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 7.6 | 7.6 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 4020 | 4004 |
| **SF RPM** | 1412 | 1232 |
| **RA CFM** | 4020 | 4004 |
| **OA CFM** | 0 | 0 |
| **RL Voltage** | 460 | 338 VFD |
| **RL Amperage** | 7.6 | 4.27 VFD |
| **VFD Max SetPt** | - | 8.3V |
| **SF Motor Freq(HZ)** | - | 41.97HZ |
| **OA Damper Position** | - | 0 V |
| **Brake Horse Power** | 1.88 | 2.8 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.52” |
| **Fan Suction SP** | - | -0.79” |
| **Fan Discharge SP** | - | 0.19” |
| **Total ESP** | 0.64 | 0.71” |
| **Fan Total SP** | 1.90 | 0.98” |
| **Cooling Coil P.D.** | - | 0.27” |

Completed By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU/RTU

**Diffuser Supply (GRD)**

**HP-R05/152**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R05-SGRD1 | 150 | SG-05 | 18X8 | 670 | 4586 | 649 | 96.9 |
| HP-R05-SGRD2 | 150 | SG-05 | 18X8 | 670 | | 672 | 100.3 |
| HP-R05-SGRD3 | 150 | SG-05 | 18X8 | 670 | | 656 | 97.9 |
| HP-R05-SGRD4 | 150 | SG-05 | 18X8 | 670 | | 650 | 97.0 |
| HP-R05-SGRD5 | 150 | SG-05 | 18X8 | 670 | | 695 | 103.7 |
| HP-R05-SGRD6 | 150 | SG-05 | 18X8 | 670 | | 682 | 101.8 |
| Total | | | | 4020 | 4586 | 4004 | 99.6% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R06** AREA:152

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-ANEK34314 |
| **Model Num** | NA | RNA-013 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 22”x44.5” |
| **Num PreFilter 1** | - | 4 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 5.0 | 5 |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 7.6 | 7.6 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 4000 | 4047 |
| **SF RPM** | 1409 | 1224 |
| **RA CFM** | 4000 | 4047 |
| **OA CFM** | 0 | 0 |
| **RL Voltage** | 460 | 336VFD |
| **RL Amperage** | 7.6 | 4.2 VFD |
| **VFD Max SetPt** | - | 8.3V |
| **SF Motor Freq(HZ)** | - | 41.75 HZ |
| **OA Damper Position** | - | 0V |
| **Brake Horse Power** | 1.87 | 2.76 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.47" |
| **Fan Suction SP** | - | -0.74” |
| **Fan Discharge SP** | - | 0.24” |
| **Total ESP** | 0.64 | 0.71" |
| **Fan Total SP** | 1.89 | 0.98" |
| **Cooling Coil P.D.** | - | 0.27" |

Completed By: Gabe Merk on 01/13/2026

Notes:
MAX FLOW @8.3V

Written By: Gabe Merk on 12/12/2025

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU/RTU

**Diffuser Supply (GRD)**

**HP-R06/152**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R06-SGRD1 | 150 | SD-07 | 12 | 500 | 637 | 537 | 107.4 |
| HP-R06-SGRD2 | 150 | SD-07 | 12 | 500 | 2728 | 518 | 103.6 |
| HP-R06-SGRD3 | 150 | SD-07 | 12 | 500 | | 532 | 106.4 |
| HP-R06-SGRD4 | 150 | SD-07 | 12 | 500 | | 499 | 99.8 |
| HP-R06-SGRD5 | 150 | SD-07 | 12 | 500 | | 516 | 103.2 |
| HP-R06-SGRD6 | 150 | SG-03 | 12x6 | 250 | 1242 | 239 | 95.6 |
| HP-R06-SGRD7 | 150 | SG-03 | 12x6 | 250 | | 229 | 91.6 |
| HP-R06-SGRD8 | 150 | SG-03 | 12x6 | 250 | | 245 | 98.0 |
| HP-R06-SGRD9 | 150 | SG-03 | 12x6 | 250 | | 252 | 100.8 |
| HP-R06-SGRD10 | 150 | SG-03 | 12x6 | 250 | | 237 | 94.8 |
| HP-R06-SGRD11 | 150 | SG-03 | 12x6 | 250 | | 243 | 97.2 |
| Total | | | | 4000 | 4607 | 4047 | 101.18% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R07** AREA:ENGINE SHOP

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-ANEL34315 |
| **Model Num** | NA | RNA-015 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 22”x44.5” |
| **Num PreFilter 1** | - | 4 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 5.0 | 5 |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 7.6 | 7.6 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 5520 | 5514 |
| **SF RPM** | 1810 | 1642 |
| **RA CFM** | 3805 | 3722 |
| **OA CFM** | 1715 | 1792 |
| **RL Voltage** | 460 | 437VFD |
| **RL Amperage** | 7.6 | 4.9VFD |
| **VFD Max SetPt** | - | 8.7V |
| **SF Motor Freq(HZ)** | - | 56HZ |
| **OA Damper Position** | - | 3.6V |
| **Brake Horse Power** | 3.78 | 3.2 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.47” |
| **Fan Suction SP** | - | -0.85” |
| **Fan Discharge SP** | - | 0.46” |
| **Total ESP** | 0.69 | 0.93” |
| **Fan Total SP** | 2.48 | 1.31” |
| **Cooling Coil P.D.** | - | 0.38” |

Completed By: Gabe Merk on 01/13/2026

**Diffuser Supply (GRD)**

**HP-R07/ENGINE SHOP**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R07-SGRD1 | 153 | SG-09 | 30x6 | 1120 | 5908 | 1098 | 98.0 |
| HP-R07-SGRD2 | 153 | SG-09 | 30x6 | 1100 | | 1132 | 102.9 |
| HP-R07-SGRD3 | 153 | SG-09 | 30x6 | 1100 | | 1171 | 106.5 |
| HP-R07-SGRD4 | 153 | SG-09 | 30x6 | 1100 | | 1040 | 94.5 |
| HP-R07-SGRD5 | 153 | SG-09 | 30x6 | 1100 | | 1073 | 97.5 |
| Total | | | | 5520 | 5908 | 5514 | 99.89% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R08** AREA:TOOL RM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | 202507-BNEP34324 |
| **Model Num** | NA | RNA-020 |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 29”x52” |
| **Num PreFilter 1** | - | 6 |
| **PreFilter Size 1** | - | 20”x25”x2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 7.5 | 7.5 |
| **Motor Rpm** | - | 1160 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 460 | 460 |
| **Rated Amperage** | 11.0 | 11 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 5960 | 5953 |
| **SF RPM** | 1188 | 965 |
| **RA CFM** | 4880 | 4821 |
| **OA CFM** | 1080 | 1132 |
| **RL Voltage** | 460 | 385VFD |
| **RL Amperage** | 11.0 | 7.8VFD |
| **VFD Max SetPt** | - | 7.7V |
| **SF Motor Freq(HZ)** | - | 49.5HZ |
| **OA Damper Position** | - | 3.0VDC |
| **Brake Horse Power** | 4.80 | 5.3 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.59” |
| **Fan Suction SP** | - | -0.96” |
| **Fan Discharge SP** | - | 0.30” |
| **Total ESP** | 1.49 | 0.89” |
| **Fan Total SP** | 2.55 | 1.26” |
| **Cooling Coil P.D.** | - | 0.37” |

Completed By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU/RTU

**Diffuser Supply (GRD)**

**HP-R08/TOOL RM**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| HP-R08-SGRD1 | 154 | SG-03 | 12x6 | 290 | 7336 | 279 | 96.2 |
| HP-R08-SGRD2 | 154 | SG-03 | 12x6 | 270 | | 282 | 104.4 |
| HP-R08-SGRD3 | 154 | SG-03 | 12x6 | 270 | | 276 | 102.2 |
| HP-R08-SGRD4 | 154 | SG-03 | 12x6 | 270 | | 290 | 107.4 |
| HP-R08-SGRD5 | 154 | SG-03 | 12x6 | 270 | | 295 | 109.3 |
| HP-R08-SGRD6 | 154 | SG-03 | 12x6 | 270 | | 264 | 97.8 |
| HP-R08-SGRD7 | 154 | SG-03 | 12x6 | 270 | | 258 | 95.6 |
| HP-R08-SGRD8 | 154 | SG-03 | 12x6 | 270 | | 272 | 100.7 |
| HP-R08-SGRD9 | 154 | SG-03 | 12x6 | 270 | | 277 | 102.6 |
| HP-R08-SGRD10 | 154 | SG-03 | 12x6 | 270 | | 283 | 104.8 |
| HP-R08-SGRD11 | 154 | SG-03 | 12x6 | 270 | | 287 | 106.3 |
| HP-R08-SGRD12 | 154 | SG-03 | 12x6 | 270 | | 269 | 99.6 |
| HP-R08-SGRD13 | 154 | SG-03 | 12x6 | 270 | | 261 | 96.7 |
| HP-R08-SGRD14 | 154 | SG-03 | 12x6 | 270 | | 261 | 96.7 |
| HP-R08-SGRD15 | 154 | SG-03 | 12x6 | 270 | | 259 | 95.9 |
| HP-R08-SGRD16 | 154 | SG-03 | 12x6 | 270 | | 248 | 91.9 |
| HP-R08-SGRD17 | 154 | SG-03 | 12x6 | 270 | | 256 | 94.8 |
| HP-R08-SGRD18 | 154 | SG-03 | 12x6 | 270 | | 274 | 101.5 |
| HP-R08-SGRD19 | 154 | SG-03 | 12x6 | 270 | | 280 | 103.7 |
| HP-R08-SGRD20 | 154 | SG-03 | 12x6 | 270 | | 259 | 95.9 |
| HP-R08-SGRD21 | 154 | SG-03 | 12x6 | 270 | | 263 | 97.4 |
| HP-R08-SGRD22 | 154 | SG-03 | 12x6 | 270 | | 260 | 96.3 |
| Total | | | | 5960 | 7336 | 5953 | 99.88% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU/RTU

**Asset: HP-R09** AREA:PARTS WASH

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | AAON |
| **Serial Num** | - | |
| **Model Num** | NA | RQA-004 |
| **Configuration** | VERTICAL | |
| **Num OA Filters 1** | - | |
| **OA Filter Size 1** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | 1.0 | |
| **Motor Rpm** | - | 1760 |
| **Phase** | 3 | |
| **Rated Voltage** | 460 | |
| **Rated Amperage** | 3.5 | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 960 | |
| **SF RPM** | 1272 | |
| **RA CFM** | 530 | |
| **OA CFM** | 430 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 3.5 | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | - | |
| **OA Damper Position** | - | |
| **Brake Horse Power** | 0.34 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 0.48 | |
| **Fan Total SP** | 1.15 | |
| **Cooling Coil P.D.** | - | |

### Diffuser Supply (GRD)

**HP-R09/PARTS WASH**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HP-R09-SGRD1 | 173 | SG-03 | 12X6 | 240 | | | - |
| HP-R09-SGRD2 | 173 | SG-03 | 12X6 | 240 | | | - |
| HP-R09-SGRD3 | 173 | SG-03 | 12X6 | 240 | | | - |
| HP-R09-SGRD4 | 173 | SG-03 | 12X6 | 240 | | | - |
| Total | | | | 960 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**HP-R09/PARTS WASH**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| HP-R09-EGRD1 | 173 | RG-03 | 24X16 | 750 | | | | | - |
| Total | | | | 750 | | 0 | 0 | 0 | 0% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R10** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-007 |
| **Serial Number** | - | 202508-ANEG34321 |
| **No. Pre-Filters / Size (1)** | - | 2 / 14”x25”x2” |
| **No. Pre-Filters / Size (2)** | - | 4 / 16”x20”x2” |
| **No. Pre-Filters / Size (3)** | - | 4 / 16”x20”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | INACCESSIBLE / INACCESSIBLE |
| **Horsepower / RPM** | 5.0 / 1760 |
| **Rated Volts / Phase** | 3 / 460 |
| **Rated Amperage / SF** | 7.6 / INACCESSIBLE |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 3000 | 2884 |
| **OA CFM** | 400 | 423@2.5V |
| **Fan RPM** | 1875 | 1739 |
| **VFD Speed** | - | 59.3HZ |
| **RL Voltage** | 460 | 426 |
| **RL Amperage** | 7.6 | 3.6 |
| **Motor B.H.P.** | 2.50 | 2.4 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Static Pressure Stpt** | - | 0.8” |
| **Suction S.P.** | - | -1.63” |
| **Discharge S.P.** | - | 0.93” |
| **Total S.P.** | 3.31 | 2.56 |
| **DX Coil P.D.** | - | 1.05”* |
| **Pre Heat Coil P.D.** | - | 0.02" |
| **Pre-Filters P.D.** | - | 0.02” |
| **Total ESP** | 2.00 | 1.56” |

Completed By: Gabe Merk on 02/06/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU-DUAL FAN

### VAV - Single Duct

**HRHP-R10/**

| Asset | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asset Name | MFG | Model Num | Type | Inlet Size | Design Max CFM | Max CFM | Design Min CFM | Min CFM | Design Heat CFM | Heat CFM | Ak (max) |
| VAV-243 | TITUS | SDV | REHEAT | 8 | 480 | 473 | 150 | 153 | 150 | 153 | 1097 |
| VAV-244 | TITUS | SDV | REHEAT | 8 | 480 | 485 | 150 | 149 | 150 | 149 | 1007 |
| VAV-245 | TITUS | SDV | REHEAT | 8 | 480 | 492 | 150 | 153 | 150 | 153 | 1077 |
| VAV-246 | TITUS | SDV | REHEAT | 8 | 480 | 484 | 150 | 148 | 150 | 148 | 1020 |
| VAV-247 | TITUS | SDV | REHEAT | 8 | 480 | 502 | 150 | 146 | 150 | 146 | 1010 |
| VAV-248 | TITUS | SDV | REHEAT | 8 | 560 | 576 | 170 | 167 | 170 | 167 | 1050 |

### Diffuser Supply (GRD)

**VAV-243/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 264 OFFICE | SD-03 | 8 | 160 | 199 | 153 | 95.6 |
| SGRD2 | 263 OFFICE | SD-03 | 8 | 160 | 218 | 153 | 95.6 |
| SGRD3 | 262 OFFICE | SD-03 | 8 | 160 | 218 | 167 | 104.4 |
| Total | | | | 480 | 635 | 473 | 98.54% |

**VAV-244/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 265 OFFICE | SD-03 | 8 | 160 | 218 | 162 | 101.3 |
| SGRD2 | 266 OFFICE | SD-03 | 8 | 160 | 189 | 159 | 99.4 |
| SGRD3 | 267 OFFICE | SD-03 | 8 | 160 | 190 | 164 | 102.5 |
| Total | | | | 480 | 597 | 485 | 101.04% |

**VAV-245/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 268 OFFICE | SD-03 | 8 | 160 | 206 | 170 | 106.3 |
| SGRD2 | 269 OFFICE | SD-03 | 8 | 160 | 173 | 156 | 97.5 |
| SGRD3 | 270 OFFICE | SD-03 | 8 | 160 | 207 | 166 | 103.8 |
| Total | | | | 480 | 586 | 492 | 102.5% |

**VAV-246/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 272 | SD-03 | 8 | 160 | 195 | 162 | 101.3 |
| SGRD2 | 273 | SD-03 | 8 | 160 | 205 | 169 | 105.6 |
| SGRD3 | 274 | SD-03 | 8 | 160 | 179 | 153 | 95.6 |
| Total | | | | 480 | 579 | 484 | 100.83% |

**VAV-247/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 275 OFFICE | SD-03 | 8 | 160 | 204 | 172 | 107.5 |
| SGRD2 | 276 OFFICE | SD-03 | 8 | 160 | 213 | 174 | 108.8 |
| SGRD3 | 277 OFFICE | SD-03 | 8 | 160 | 169 | 156 | 97.5 |
| Total | | | | 480 | 586 | 502 | 104.58% |

**VAV-248/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 278 OFFICE | SD-03 | 8 | 160 | 146 | 162 | 101.3 |
| SGRD2 | 279 OFFICE | SD-03 | 8 | 160 | 147 | 170 | 106.3 |
| SGRD3 | 271 OFFICE | SD-03 | 8 | 120 | 136 | 119 | 99.2 |
| SGRD4 | 271 OFFICE | SD-03 | 8 | 120 | 158 | 125 | 104.2 |
| Total | | | | 560 | 587 | 576 | 102.86% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R01** AREA:143 BREAK RM

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-010 |
| **Serial Number** | - | 202508-ANEJ34319 |
| **No. Pre-Filters / Size (1)** | - | 2-14”x25”x2” |
| **No. Pre-Filters / Size (2)** | - | 4-16”x20”x2” |
| **No. Pre-Filters / Size (3)** | - | 4-16”x20”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | NL / NL |
| **Horsepower / RPM** | 5.0 / 1760 |
| **Rated Volts / Phase** | 460 / 3 |
| **Rated Amperage / SF** | 7.6 / NL |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 3180 | 3182 |
| **OA CFM** | 690 | 721 |
| **Fan RPM** | 1885 | 1701 |
| **VFD Speed** | - | 58Hz |
| **RL Voltage** | 460 | 432 VFD |
| **RL Amperage** | 7.6 | 4.1VFD |
| **Motor B.H.P.** | 2.55 | 2.7 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Suction S.P.** | - | -1.71” |
| **Discharge S.P.** | - | 0.68” |
| **Total S.P.** | 3.20 | 2.39" |
| **DX Coil P.D.** | - | 0.90” |
| **Heat Wheel P.D.** | - | 0.45” |
| **Pre-Filters P.D.** | - | 0.03 |
| **Total ESP** | 1.61 | 0.72" |

Completed By: Gabe Merk on 01/13/2026

Notes:
Sf setpoint 8.6V
Oa setpoint 3.3V

Written By: Gabe Merk on 01/13/2026

**Diffuser Supply (GRD)**

**HRHP-R01/143 BREAK RM**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| HRHP-R01-SGRD1 | 148 BREAK RM | SD | 8 | 170 | 191 | 162 | 95.3 |
| HRHP-R01-SGRD2 | 148 BREAK RM | SD | 8 | 170 | 183 | 167 | 98.2 |
| HRHP-R01-SGRD3 | 148 BREAK RM | SD | 8 | 170 | 199 | 185 | 108.8 |
| HRHP-R01-SGRD5 | 148 BREAK RM | SD | 8 | 170 | 183 | 162 | 95.3 |
| HRHP-R01-SGRD5 | 148 BREAK RM | SD | 8 | 170 | 190 | 173 | 101.8 |
| HRHP-R01-SGRD6 | 148 BREAK RM | SD | 8 | 170 | 204 | 178 | 104.7 |
| HRHP-R01-SGRD7 | 148 BREAK RM | SD | 8 | 170 | 188 | 173 | 101.8 |
| HRHP-R01-SGRD8 | 148 BREAK RM | SD | 8 | 170 | 177 | 168 | 98.8 |
| HRHP-R01-SGRD9 | 148 BREAK RM | SD | 8 | 170 | 194 | 174 | 102.4 |
| HRHP-R01-SGRD10 | 148 BREAK RM | SD-03 | 8 | 170 | 178 | 161 | 94.7 |
| HRHP-R01-SGRD11 | 148 BREAK RM | SD-03 | 8 | 170 | 195 | 180 | 105.9 |
| HRHP-R01-SGRD12 | 148 BREAK RM | SD-03 | 8 | 170 | 190 | 177 | 104.1 |
| HRHP-R01-SGRD13 | 148 BREAK RM | SD-03 | 8 | 170 | 207 | 177 | 104.1 |
| HRHP-R01-SGRD14 | 148 BREAK RM | SD-03 | 8 | 170 | 164 | 154 | 90.6 |
| HRHP-R01-SGRD15 | 148 BREAK RM | SD-03 | 8 | 170 | 187 | 174 | 102.4 |
| HRHP-R01-SGRD16 | 148 BREAK RM | SD-03 | 8 | 170 | 178 | 167 | 98.2 |
| HRHP-R01-SGRD17 | 148 BREAK RM | SD-03 | 8 | 170 | 182 | 156 | 91.8 |
| HRHP-R01-SGRD18 | 148 BREAK RM | SD-03 | 8 | 170 | 187 | 163 | 95.9 |
| HRHP-R01-SGRD19 | 148 HALL | SD-03 | 8 | 120 | 146 | 131 | 109.2 |
| Total | | | | 3180 | 3523 | 3182 | 100.06% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R02** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-008 |
| **Serial Number** | - | 202508-ANEH34320 |
| **No. Pre-Filters / Size (1)** | - | 2-14”x25”x2” |
| **No. Pre-Filters / Size (2)** | - | 4-16”x20”x2” |
| **No. Pre-Filters / Size (3)** | - | 4-16”x20”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | NL / NL |
| **Horsepower / RPM** | 3.0 / 1760 |
| **Rated Volts / Phase** | 460 / 3 |
| **Rated Amperage / SF** | 4.8 / NL |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 2440 | 2493 |
| **OA CFM** | 1040 | 1067 |
| **Fan RPM** | 1856 | 1643 |
| **VFD Speed** | - | 56Hz |
| **RL Voltage** | 460 | 456 VFD |
| **RL Amperage** | 4.8 | 2.9 VFD |
| **Motor B.H.P.** | 1.61 | 1.8 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Suction S.P.** | - | -1.36” |
| **Discharge S.P.** | - | 0.77” |
| **Total S.P.** | 2.47 | 2.13 |
| **DX Coil P.D.** | - | 0.76” |
| **Heat Wheel P.D.** | - | 0.22” |
| **Pre-Filters P.D.** | - | 0.03" |
| **Total ESP** | 0.90 | 0.80" |

Completed By: Gabe Merk on 01/13/2026

Notes:
Sf setpoint 8.1 V
Oa setpoint 3.7V

Written By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU-DUAL FAN

**Diffuser Supply (GRD)**

**HRHP-R02/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 145 CHANGING | SD-03 | 8 | 160 | 27 | 167 | 104.4 |
| SGRD2 | 145 CHANGING | SD-03 | 8 | 160 | 245 | 150 | 93.8 |
| SGRD3 | 145 CHANGING | SD-03 | 8 | 160 | 234 | 168 | 105.0 |
| SGRD4 | 145 CHANGING | SD-03 | 8 | 160 | 228 | 159 | 99.4 |
| SGRD5 | 149 WOMEN RR | LS-01 | 6 | 50 | 53 | 46 | 92.0 |
| SGRD6 | 149 WOMEN RR | LS-01 | 6 | 50 | 59 | 52 | 104.0 |
| SGRD7 | 144 MENS RR | LS-01 | 6 | 50 | 60 | 51 | 102.0 |
| SGRD8 | 144 MENS RR | LS-01 | 6 | 50 | 57 | 48 | 96.0 |
| SGRD9 | 145 CHANGING | SD-03 | 8 | 160 | 150 | 167 | 104.4 |
| SGRD10 | 145 CHANGING | SD-03 | 8 | 160 | 244 | 163 | 101.9 |
| SGRD11 | 145 CHANGING | SD-03 | 8 | 160 | 246 | 172 | 107.5 |
| SGRD12 | 145 CHANGING | SD-03 | 8 | 160 | 101 | 172 | 107.5 |
| SGRD13 | 145 CHANGING | SD-03 | 8 | 160 | 27 | 164 | 102.5 |
| SGRD14 | 145 CHANGING | SD-03 | 8 | 160 | 239 | 156 | 97.5 |
| SGRD15 | 145 CHANGING | SD-03 | 8 | 160 | 245 | 166 | 103.8 |
| SGRD16 | 145 CHANGING | SD-03 | 8 | 160 | 239 | 166 | 103.8 |
| SGRD17 | 145 CHANGING | SD-03 | 8 | 160 | 221 | 163 | 101.9 |
| SGRD18 | 145 CHANGING | SD-03 | 8 | 160 | 199 | 163 | 101.9 |
| Total | | | | 2440 | 2874 | 2493 | 102.17% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R03** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RN-030 |
| **Serial Number** | - | 202507-BNET34325 |
| **No. Pre-Filters / Size (1)** | - | 6 / 16”x20”x2” |
| **No. Pre-Filters / Size (2)** | - | 6 / 20”x25”x2” |
| **No. Pre-Filters / Size (3)** | - | 6 / 20”x25”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | NL / NL |
| **Horsepower / RPM** | 15.0 / 1760 |
| **Rated Volts / Phase** | 460 / 3 |
| **Rated Amperage / SF** | 21.0 / NL |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 10770 | 11073 |
| **OA CFM** | 2850 | 2873@4.3DCV |
| **Fan RPM** | 1505 | 1554 |
| **VFD Speed** | - | 53HZ@10.0VDC |
| **RL Voltage** | 460 | 482VFD |
| **RL Amperage** | 21.0 | 15.9VFD |
| **Motor B.H.P.** | 10.72 | 11.4 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Suction S.P.** | - | -3.03” |
| **Discharge S.P.** | - | 0.60” |
| **Total S.P.** | 3.63 | 3.63” |
| **DX Coil P.D.** | - | 1.82”* |
| **Pre Heat Coil P.D.** | - | INACCESSIBLE |
| **Heat Wheel P.D.** | - | 0.27” |
| **Pre-Filters P.D.** | - | *COMBINED |
| **Total ESP** | 1.28 | 0.67” |

Completed By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU-DUAL FAN

**Diffuser Supply (GRD)**

**HRHP-R03/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 154 TOOL ROOM | SG-06 | 18X10 | 780 | 11325 | 765 | 98.1 |
| SGRD2 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 745 | 102.1 |
| SGRD3 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 741 | 101.5 |
| SGRD5 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 746 | 102.2 |
| SGRD5 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 746 | 102.2 |
| SGRD6 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 767 | 105.1 |
| SGRD7 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 752 | 103.0 |
| SGRD8 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 759 | 104.0 |
| SGRD9 | 154 TOOL ROOM | SG-06 | 18X10 | 500 | | 543 | 108.6 |
| SGRD10 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 737 | 101.0 |
| SGRD11 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 739 | 101.2 |
| SGRD12 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 743 | 101.8 |
| SGRD13 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 750 | 102.7 |
| SGRD14 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 763 | 104.5 |
| SGRD15 | 154 TOOL ROOM | SG-06 | 18X10 | 730 | | 777 | 106.4 |
| Total | | | | 10770 | 11325 | 11073 | 102.81% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R04** AREA:152 STORES

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-030 |
| **Serial Number** | - | 202507-BNET34326 |
| **No. Pre-Filters / Size (1)** | - | 6 / 16”x20”x2” |
| **No. Pre-Filters / Size (2)** | - | 6 / 20”x25”x2” |
| **No. Pre-Filters / Size (3)** | - | 6 / 20”x25”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | NL / NL |
| **Horsepower / RPM** | 15.0 / 1760 |
| **Rated Volts / Phase** | 460 / 3 |
| **Rated Amperage / SF** | 21.0 / NL |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 11000 | 10846 |
| **OA CFM** | 3400 | 3279 |
| **Fan RPM** | 1504 | 1437 |
| **VFD Speed** | - | 49HZ |
| **RL Voltage** | 460 | 397 VFD |
| **RL Amperage** | 21.0 | 13.8 VFD |
| **Motor B.H.P.** | 10.69 | 9.9 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Suction S.P.** | - | -2.50” |
| **Discharge S.P.** | - | 0.20” |
| **Total S.P.** | 3.62 | 2.70" |
| **DX Coil P.D.** | - | 1.35” |
| **Heat Wheel P.D.** | - | 0.21” |
| **Total ESP** | 1.28 | 0.29" |

Completed By: Gabe Merk on 01/13/2026

Notes:
OA @4.2V

Written By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU-DUAL FAN

**Diffuser Supply (GRD)**

**HRHP-R04/152 STORES**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 152 STORES | SD-08 | 18 | 1375 | 11688 | 1377 | 100.1 |
| SGRD2 | 152 STORES | SD-08 | 18 | 1375 | | 1423 | 103.5 |
| SGRD3 | 152 STORES | SD-08 | 18 | 1375 | | 1305 | 94.9 |
| SGRD4 | 152 STORES | SD-08 | 18 | 1375 | | 1296 | 94.3 |
| SGRD5 | 152 STORES | SD-08 | 18 | 1375 | | 1365 | 99.3 |
| SGRD6 | 152 STORES | SD-08 | 18 | 1375 | | 1321 | 96.1 |
| SGRD7 | 152 STORES | SD-08 | 18 | 1375 | | 1390 | 101.1 |
| SGRD8 | 152 STORES | SD-08 | 18 | 1375 | | 1369 | 99.6 |
| Total | | | | 11000 | 11688 | 10846 | 98.6% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R05** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-030 |
| **Serial Number** | - | 202507-BNET34327 |
| **No. Pre-Filters / Size (1)** | - | 6 / 16”x20”x2” |
| **No. Pre-Filters / Size (2)** | - | 6 / 25”x20”x2” |
| **No. Pre-Filters / Size (3)** | - | 6 / 20”x25”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | NL / NL |
| **Horsepower / RPM** | 15.0 / 1760 |
| **Rated Volts / Phase** | 460 / 3 |
| **Rated Amperage / SF** | 21.0 / NL |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 9520 | 9923 |
| **OA CFM** | 2800 | 2695 |
| **Fan RPM** | - | 1408 |
| **VFD Speed** | - | 48HZ@8.2V |
| **RL Voltage** | 460 | 389VFD |
| **RL Amperage** | 21.0 | 13.4VFD |
| **Motor B.H.P.** | 9.21 | 9.6 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Suction S.P.** | - | -2.25” |
| **Discharge S.P.** | - | 0.45” |
| **Total S.P.** | 3.45 | 2.70" |
| **DX Coil P.D.** | - | 1.29” |
| **Heat Wheel P.D.** | - | 2.27” |
| **Pre-Filters P.D.** | - | 0.03” |
| **Total ESP** | 1.28 | 0.59" |

Completed By: Gabe Merk on 01/13/2026

Notes:
Oa damper@4.4V

Written By: Gabe Merk on 01/13/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU-DUAL FAN

**Diffuser Supply (GRD)**

**HRHP-R05/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 152 STORES | SD-08 | 18 | 1360 | 11536 | 1453 | 106.8 |
| SGRD2 | 152 STORES | SD-08 | 18 | 1360 | | 1424 | 104.7 |
| SGRD3 | 152 STORES | SD-08 | 18 | 1360 | | 1365 | 100.4 |
| SGRD4 | 152 STORES | SD-08 | 18 | 1360 | | 1421 | 104.5 |
| SGRD5 | 152 STORES | SD-08 | 18 | 1360 | | 1336 | 98.2 |
| SGRD6 | 152 STORES | SD-08 | 18 | 1360 | | 1432 | 105.3 |
| SGRD7 | 152 STORES | SD-08 | 18 | 1360 | 9923 | 1492 | 109.7 |
| Total | | | | 9520 | 21459 | 9923 | 104.23% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R06** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-031 |
| **Serial Number** | - | 202507-BNEU34335 |
| **No. Pre-Filters / Size (1)** | - | 8/18”x24”x2” |
| **No. Pre-Filters / Size (2)** | - | 8/24”x24”x2” |
| **No. Pre-Filters / Size (3)** | - | 8/24”x24”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | INACCESSIBLE / INACCESSIBLE |
| **Horsepower / RPM** | 2@20.0 / 1760 |
| **Rated Volts / Phase** | 3 / 460 |
| **Rated Amperage / SF** | 2@27.0 / INACCESSIBLE |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 12000 | |
| **OA CFM** | 3850 | |
| **Fan RPM** | 1422 | |
| **VFD Speed** | - | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 27 | |
| **Motor B.H.P.** | 12.56 | |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Static Pressure Stpt** | - | |
| **Suction S.P.** | - | |
| **Discharge S.P.** | - | |
| **Total S.P.** | 3.99 | |
| **Reheat Coil P.D.** | - | |
| **DX Coil P.D.** | - | |
| **Condenser Coil P.D.** | - | |
| **Chilled Water Coil P.D.** | - | |
| **Pre Heat Coil P.D.** | - | |
| **Final Filters P.D.** | - | |
| **Heat Wheel P.D.** | - | |
| **Pre-Filters P.D.** | - | |
| **Air Blender P.D.** | - | |
| **Total ESP** | 2.50 | |

| UNIT DATA - EXHAUST/RETURN | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | - | AAON |
| **Model Number** | - | RNA-031 |
| **Serial Number** | - | |
| **No. Pre-Filters / Size (1)** | - | |
| **No. Pre-Filters / Size (2)** | - | |
| **No. Pre-Filters / Size (3)** | - | |
| **No. Pre-Filters / Size (4)** | - | |
| **No. Pre-Filters / Size (5)** | - | |
| **No. Pre-Filters / Size (6)** | - | |

| MOTOR DATA - EXHAUST/RETURN | |
|---|---|
| | **Actual** |
| **Motor MFG / FRAME** | |
| **Horsepower / RPM** | 10.0 / 1760 |
| **Rated Volts / Phase** | 460 / 3 |
| **Rated Amperage / SF** | 14.0 / |

| TEST DATA - EXHAUST/RETURN | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 12000 | |
| **Fan RPM** | 1389 | |
| **VFD Speed** | - | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 14.0 | |
| **Motor B.H.P.** | 7.54 | |

| PERFORMANCE DATA - EXHAUST/RETURN | | |
|---|---|---|
| | **Design** | **Actual** |
| **Static Pressure Stpt** | - | |
| **Suction S.P.** | - | |
| **Discharge S.P.** | - | |
| **Total S.P.** | 1.76 | |
| **Heat Wheel P.D.** | - | |
| **Pre-Filters P.D.** | - | |
| **Total ESP** | 1.00 | |

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## AHU-DUAL FAN

### VAV - Single Duct

**HRHP-R06/**

| Asset | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asset Name | MFG | Model Num | Type | Inlet Size | Design Max CFM | Max CFM | Design Min CFM | Min CFM | Design Heat CFM | Heat CFM | Ak (max) |
| VAV-101 | PRICE | SDV | REHEAT | 16 | 2360 | 2378 | 710 | 721 | 1180 | 1177 | 4430 |
| VAV-102 | PRICE | SDV | REHEAT | 14 | 1740 | 1715 | 530 | 538 | 870 | 877 | 3556 |
| VAV-103 | PRICE | SDV | REHEAT | 14 | 1650 | 1647 | 500 | 510 | 830 | 837 | 2977 |
| VAV-104 | PRICE | SDV | REHEAT | 8 | 570 | 571 | 290 | 293 | 290 | 293 | 1135 |
| VAV-105 | PRICE | SDV | REHEAT | 8 | 420 | 438 | 130 | 132 | 130 | 132 | 1060 |
| VAV-115 | PRICE | SDV | REHEAT | 4 | 150 | 149 | 50 | 53 | 75 | 79 | 390 |
| VAV-120 | PRICE | SDV | REHEAT | 8 | 420 | 441 | 420 | 441 | 420 | 441 | 1536 |
| VAV-201 | PRICE | SDV | REHEAT | 16 | 2680 | 2713 | 810 | 816 | 1340 | 1324 | 4074 |
| VAV-202 | PRICE | SDV | REHEAT | 12 | 1090 | 1112 | 330 | 328 | 550 | 562 | 2191 |

### Diffuser Supply (GRD)

**VAV-101/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 121 SECURITY | LS-04 | 48X6 | 200 | 2672 | 205 | 102.5 |
| SGRD2 | 121 SECURITY | LS-04 | 48X6 | 200 | | 210 | 105.0 |
| SGRD3 | 121 SECURITY | LS-04 | 48X6 | 200 | | 196 | 98.0 |
| SGRD4 | 121 SECURITY | LS-05 | 48X8 | 440 | | 431 | 98.0 |
| SGRD5 | 121 SECURITY | LS-05 | 48X8 | 440 | | 466 | 105.9 |
| SGRD6 | 121 SECURITY | LS-05 | 48X8 | 440 | | 450 | 102.3 |
| SGRD7 | 121 SECURITY | LS-05 | 48X8 | 440 | | 420 | 95.5 |
| Total | | | | 2360 | 2672 | 2378 | 100.76% |

**VAV-102/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 121 SECURITY | LS-05 | 48X8 | 400 | 275 | 382 | 95.5 |
| SGRD2 | 121 SECURITY | LS-05 | 48X8 | 270 | 114 | 277 | 102.6 |
| SGRD3 | 121 SECURITY | LS-05 | 48X8 | 400 | 386 | 396 | 99.0 |
| SGRD4 | 121 SECURITY | LS-05 | 48X8 | 270 | 322 | 267 | 98.9 |
| SGRD5 | 121 SECURITY | LS-05 | 48X8 | 400 | 450 | 393 | 98.3 |
| Total | | | | 1740 | 1547 | 1715 | 98.56% |

**VAV-103/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | CO100 CORR 01 | LS-02 | 8 | 150 | 164 | 152 | 101.3 |
| SGRD2 | CO100 CORR 01 | LS-02 | 8 | 150 | 172 | 147 | 98.0 |
| SGRD3 | CO100 CORR 01 | LS-02 | 8 | 150 | 155 | 156 | 104.0 |
| SGRD4 | CO100 CORR 01 | LS-02 | 8 | 150 | 163 | 158 | 105.3 |
| SGRD5 | CO100 CORR 01 | LS-02 | 8 | 150 | 140 | 149 | 99.3 |
| SGRD6 | CO100 CORR 01 | LS-02 | 8 | 150 | 132 | 136 | 90.7 |
| SGRD7 | CO100 CORR 01 | LS-02 | 8 | 150 | 145 | 153 | 102.0 |
| SGRD8 | CO100 CORR 01 | LS-02 | 8 | 150 | 127 | 137 | 91.3 |
| SGRD9 | CO100 CORR 01 | LS-02 | 8 | 150 | 155 | 159 | 106.0 |
| SGRD10 | CO100 CORR 01 | LS-02 | 8 | 150 | 154 | 162 | 108.0 |
| SGRD11 | CO100 CORR 01 | LS-02 | 8 | 150 | 121 | 138 | 92.0 |
| Total | | | | 1650 | 1628 | 1647 | 99.82% |

**VAV-104/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CO101 CORR 02 | SD-03 | 8 | 190 | 187 | 187 | 98.4 |
| SGRD2 | CO101 CORR 02 | SD-03 | 8 | 190 | 195 | 195 | 102.6 |
| SGRD3 | CO101 CORR 02 | SD-03 | 8 | 190 | 189 | 189 | 99.5 |
| Total | | | | 570 | 571 | 571 | 100.18% |

**VAV-105/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 122 SECURITY OFC | SD-03 | 8 | 140 | 193 | 147 | 105.0 |
| SGRD2 | 122 SECURITY OFC | SD-03 | 8 | 140 | 136 | 154 | 110.0 |
| SGRD3 | 122 SECURITY OFC | SD-03 | 8 | 140 | 261 | 137 | 97.9 |
| Total | | | | 420 | 590 | 438 | 104.29% |

**VAV-115/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 131 WELLNESS | SD-03 | 8 | 150 | 188 | 149 | 99.3 |
| Total | | | | 150 | 188 | 149 | 99.33% |

**VAV-120/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 136 WOMEN RR | LS-02 | 8 | 70 | 35 | 76 | 108.6 |
| SGRD2 | 136 WOMEN RR | LS-02 | 8 | 70 | 45 | 73 | 104.3 |
| SGRD3 | 132 TOILET | LS-01 | 6 | 100 | 75 | 107 | 107.0 |
| SGRD4 | 137 MENS RR | LS-02 | 8 | 90 | 77 | 92 | 102.2 |
| SGRD5 | 137 MENS RR | LS-02 | 8 | 90 | 71 | 93 | 103.3 |
| Total | | | | 420 | 303 | 441 | 105% |

**VAV-201/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CO200 CORR 04 | LS-06 | 216X8 | 2680 | 2713 | 2713 | 101.2 |
| Total | | | | 2680 | 2713 | 2713 | 101.23% |

**VAV-202/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CO200 COOR 04 | SD-03 | 8 | 150 | 1127 | 155 | 103.3 |
| SGRD2 | ST-1-2 STAIR 1-2 | SD-03 | 8 | 200 | | 211 | 105.5 |
| SGRD3 | 226 TOILET | LS-02 | 8 | 70 | | 75 | 107.1 |
| SGRD4 | 225 MENS RR | LS-02 | 8 | 80 | | 72 | 90.0 |
| SGRD5 | 225 MENS RR | LS-02 | 8 | 80 | | 73 | 91.3 |
| SGRD6 | 224 WOMEN RR | LS-02 | 8 | 80 | | 83 | 103.8 |
| SGRD7 | 224 WOMEN RR | LS-02 | 8 | 80 | | 85 | 106.3 |
| SGRD8 | CO200 COOR 04 | SD-03 | 8 | 150 | | 157 | 104.7 |
| SGRD9 | CO200 COOR 04 | SD-02 | 6 | 100 | | 98 | 98.0 |
| SGRD10 | CO200 COOR 04 | SD-02 | 6 | 100 | | 103 | 103.0 |
| Total | | | | 1090 | 1127 | 1112 | 102.02% |

**Completed By: Gabe Merk on 02/02/2026**

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R07** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-030 |
| **Serial Number** | - | 202507-ANEL34315 |
| **No. Pre-Filters / Size (1)** | - | 6 / 16”x20”x2” |
| **No. Pre-Filters / Size (2)** | - | 8 / 20”x25”x2” |
| **No. Pre-Filters / Size (3)** | - | 8 / 20”x25”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | INACCESSIBLE / INACCESSIBLE |
| **Horsepower / RPM** | 15.0 / 1760 |
| **Rated Volts / Phase** | 3 / 460 |
| **Rated Amperage / SF** | 21.0 / INACCESSIBLE |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 9000 | 9619 |
| **OA CFM** | 3774 | 3680@5.0V |
| **Fan RPM** | 1872 | 1783 |
| **VFD Speed** | - | 60.8hHZ |
| **RL Voltage** | 460 | 479 VFD |
| **RL Amperage** | 21.0 | 13.0 VFD |
| **Motor B.H.P.** | 11.89 | 9.29 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Static Pressure Stpt** | - | 0.7” |
| **Suction S.P.** | - | -2.58” |
| **Discharge S.P.** | - | 0.97” |
| **Total S.P.** | 4.94 | 3.55" |
| **DX Coil P.D.** | - | 1.38”* |
| **Heat Wheel P.D.** | - | 0.46” |
| **Total ESP** | 2.75 | 2.17” |

| UNIT DATA - EXHAUST/RETURN | | |
|---|---|---|
| | **Design** | **Actual** |
| **No. Pre-Filters / Size (1)** | - | |

Completed By: Gabe Merk on 02/06/2026

Notes:
Max fan set to 9v.

Written By: Gabe Merk on 02/06/2026

### VAV - Single Duct

**HRHP-R07/**

| Asset | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asset Name | MFG | Model Num | Type | Inlet Size | Design Max CFM | Max CFM | Design Min CFM | Min CFM | Design Heat CFM | Heat CFM | Ak (max) |
| VAV-106 | PRICE | SDV | REHEAT | 10 | 880 | 873 | 270 | 277 | 440 | 442 | 1720 |
| VAV-107 | PRICE | SDV | REHEAT | 10 | 1000 | 999 | 300 | 303 | 500 | 510 | 1675 |
| VAV-108 | PRICE | SDV | REHEAT | 10 | 1000 | 1032 | 300 | 307 | 500 | 510 | 1769 |
| VAV-109 | PRICE | SDV | REHEAT | 10 | 880 | 869 | 272 | 272 | 440 | 438 | 1780 |
| VAV-110 | PRICE | SDV | REHEAT | 10 | 880 | 893 | 270 | 277 | 440 | 451 | 1710 |
| VAV-111 | PRICE | SDV | REHEAT | 10 | 880 | 882 | 270 | 273 | 440 | 433 | 1790 |
| VAV-112 | PRICE | SDV | REHEAT | 10 | 880 | 867 | 270 | 265 | 440 | 447 | 1710 |
| VAV-113 | PRICE | SDV | REHEAT | 10 | 880 | 881 | 270 | 273 | 440 | 441 | 1745 |
| VAV-114 | PRICE | SDV | REHEAT | 10 | 880 | 892 | 270 | 261 | 440 | 452 | 1865 |
| VAV-116 | PRICE | SDV | REHEAT | 8 | 470 | 471 | 150 | 153 | 150 | 153 | 1110 |
| VAV-117 | PRICE | SDV | REHEAT | 8 | 540 | 527 | 170 | 169 | 170 | 169 | 1000 |
| VAV-118 | PRICE | SDV | REHEAT | 6 | 350 | 334 | 110 | 107 | 110 | 107 | 580 |
| VAV-119 | PRICE | SDV | REHEAT | 8 | 420 | 433 | 130 | 123 | 130 | 123 | 1070 |

### Diffuser Supply (GRD)

**VAV-106/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 127 TRAIN TECH/LAB | SD-03 | 8 | 180 | 210 | 191 | 106.1 |
| SGRD2 | 127 TRAIN TECH/LAB | SD-03 | 8 | 170 | 229 | 170 | 100.0 |
| SGRD3 | 127 TRAIN TECH/LAB | SD-03 | 8 | 180 | 230 | 175 | 97.2 |
| SGRD4 | 127 TRAIN TECH/LAB | SD-03 | 8 | 180 | 174 | 163 | 90.6 |
| SGRD5 | 127 TRAIN TECH/LAB | SD-03 | 8 | 170 | 187 | 174 | 102.4 |
| Total | | | | 880 | 1030 | 873 | 99.2% |

**VAV-107/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 127 TRAIN TECH/LAB | SD-04 | 10 | 250 | 231 | 226 | 90.4 |
| SGRD2 | 127 TRAIN TECH/LAB | SD-04 | 10 | 250 | 302 | 241 | 96.4 |
| SGRD3 | 127 TRAIN TECH/LAB | SD-04 | 10 | 250 | 314 | 271 | 108.4 |
| SGRD4 | 127 TRAIN TECH/LAB | SD-04 | 10 | 250 | 309 | 261 | 104.4 |
| Total | | | | 1000 | 1156 | 999 | 99.9% |

**VAV-108/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 128 TRAIN TECH/LAB | SD-03 | 8 | 200 | 239 | 204 | 102.0 |
| SGRD2 | 128 TRAIN TECH/LAB | SD-03 | 8 | 200 | 251 | 198 | 99.0 |

**VAV-108/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD3 | 128 TRAIN TECH/LAB | SD-03 | 8 | 200 | 238 | 201 | 100.5 |
| SGRD4 | 128 TRAIN TECH/LAB | SD-03 | 8 | 200 | 239 | 210 | 105.0 |
| SGRD5 | 128 TRAIN TECH/LAB | SD-03 | 8 | 200 | 250 | 219 | 109.5 |
| Total | | | | 1000 | 1217 | 1032 | 103.2% |

**VAV-109/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 128 TRAIN TECH/LAB | SD-04 | 10 | 220 | 271 | 223 | 101.4 |
| SGRD2 | 128 TRAIN TECH/LAB | SD-04 | 10 | 220 | 293 | 226 | 102.7 |
| SGRD3 | 128 TRAIN TECH/LAB | SD-04 | 10 | 220 | 257 | 215 | 97.7 |
| SGRD4 | 128 TRAIN TECH/LAB | SD-04 | 10 | 220 | 246 | 201 | 91.4 |
| Total | | | | 880 | 1067 | 865 | 98.3% |

**VAV-110/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 129 TRAIN CLASS | SD-04 | 10 | 220 | 226 | 210 | 95.5 |
| SGRD2 | 129 TRAIN CLASS | SD-04 | 10 | 220 | 250 | 229 | 104.1 |
| SGRD3 | 129 TRAIN CLASS | SD-04 | 10 | 220 | 289 | 225 | 102.3 |
| SGRD4 | 129 TRAIN CLASS | SD-04 | 10 | 220 | 289 | 229 | 104.1 |
| Total | | | | 880 | 1054 | 893 | 101.48% |

**VAV-111/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 129 TRAIN CLASS | SD-03 | 8 | 180 | 248 | 170 | 94.4 |
| SGRD2 | 129 TRAIN CLASS | SD-03 | 8 | 170 | 238 | 184 | 108.2 |
| SGRD3 | 129 TRAIN CLASS | SD-03 | 8 | 180 | 219 | 178 | 98.9 |
| SGRD4 | 129 TRAIN CLASS | SD-03 | 8 | 180 | 190 | 177 | 98.3 |
| SGRD5 | 129 TRAIN CLASS | SD-03 | 8 | 170 | 204 | 173 | 101.8 |
| Total | | | | 880 | 1099 | 882 | 100.23% |

**VAV-112/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 130 TRAIN CLASS | SD-04 | 10 | 220 | 253 | 212 | 96.4 |
| SGRD2 | 130 TRAIN CLASS | SD-04 | 10 | 220 | 273 | 221 | 100.5 |
| SGRD3 | 130 TRAIN CLASS | SD-04 | 10 | 220 | 262 | 218 | 99.1 |
| SGRD4 | 130 TRAIN CLASS | SD-04 | 10 | 220 | 259 | 216 | 98.2 |
| Total | | | | 880 | 1047 | 867 | 98.52% |

**VAV-113/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 130 TRAIN CLASS | SD-03 | 8 | 120 | 178 | 131 | 109.2 |
| SGRD2 | 130 TRAIN CLASS | SD-03 | 8 | 120 | 226 | 126 | 105.0 |
| SGRD3 | 130 TRAIN CLASS | SD-03 | 8 | 120 | 27 | 128 | 106.7 |
| SGRD4 | 130 TRAIN CLASS | SD-03 | 8 | 120 | 233 | 130 | 108.3 |
| SGRD5 | 130 TRAIN CLASS | SD-03 | 8 | 200 | 190 | 184 | 92.0 |
| SGRD6 | 130 TRAIN CLASS | SD-03 | 8 | 200 | 243 | 182 | 91.0 |
| Total | | | | 880 | 1097 | 881 | 100.11% |

**VAV-114/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 130 TRAIN CLASS | SD-03 | 8 | 170 | 216 | 170 | 100.0 |
| SGRD2 | 130 TRAIN CLASS | SD-03 | 8 | 180 | 223 | 185 | 102.8 |
| SGRD3 | 130 TRAIN CLASS | SD-03 | 8 | 180 | 268 | 175 | 97.2 |

**VAV-114/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD4 | 130 TRAIN CLASS | SD-03 | 8 | 180 | 221 | 180 | 100.0 |
| SGRD5 | 130 TRAIN CLASS | SD-03 | 8 | 170 | 200 | 182 | 107.1 |
| Total | | | | 880 | 1128 | 892 | 101.36% |

**VAV-116/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 142 STORAGE | SD-04 | 10 | 210 | 257 | 207 | 98.6 |
| SGRD2 | 141 TRAIN OFC | SD-03 | 8 | 130 | 128 | 124 | 95.4 |
| SGRD3 | 141 TRAIN OFC | SD-03 | 8 | 130 | 193 | 140 | 107.7 |
| Total | | | | 470 | 578 | 471 | 100.21% |

**VAV-117/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 146 BREAK RM | SD-03 | 8 | 180 | 195 | 172 | 95.6 |
| SGRD2 | 146 BREAK RM | SD-03 | 8 | 180 | 207 | 172 | 95.6 |
| SGRD3 | 146 BREAK RM | SD-03 | 8 | 180 | 226 | 183 | 101.7 |
| Total | | | | 540 | 628 | 527 | 97.59% |

**VAV-118/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CORRIDOR | SD-03 | 8 | 110 | 168 | 117 | 106.4 |
| SGRD2 | CORRIDOR | SD-03 | 8 | 120 | 140 | 109 | 90.8 |
| SGRD3 | CORRIDOR | SD-03 | 8 | 120 | 138 | 108 | 90.0 |
| Total | | | | 350 | 446 | 334 | 95.43% |

**VAV-119/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CORRIDOR | SD-03 | 8 | 100 | 157 | 104 | 104.0 |
| SGRD2 | CORRIDOR | SD-03 | 8 | 100 | 114 | 105 | 105.0 |
| SGRD3 | CORRIDOR | SD-03 | 8 | 100 | 120 | 103 | 103.0 |
| SGRD4 | CORRIDOR | SD-03 | 8 | 120 | 119 | 121 | 100.8 |
| Total | | | | 420 | 510 | 433 | 103.1% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R08** AREA:2ND FLR-AREA C

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-031 |
| **Serial Number** | - | 202507-BNEU34336 |
| **No. Pre-Filters / Size (1)** | - | 12 / 16”x25” |
| **No. Pre-Filters / Size (2)** | - | 8 / 24x24x2” |
| **No. Pre-Filters / Size (3)** | - | 8 / 24”x24”x4” |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | INACCESSIBLE / INACCESSIBLE |
| **Horsepower / RPM** | 2@20.0 / 1760 |
| **Rated Volts / Phase** | 3 / 460 |
| **Rated Amperage / SF** | 2@27.0 / INACCESSIBLE |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 13500 | 14157 |
| **OA CFM** | 3000 | 3107@3.2V |
| **Fan RPM** | 1837 | 1848/1848 |
| **VFD Speed** | - | 63/63HZ |
| **RL Voltage** | 460 | 472/472 VFD |
| **RL Amperage** | 27.0 | 14.0/14.2 VFD |
| **Motor B.H.P.** | 10.89 | 10.4/10.5 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Static Pressure Stpt** | - | 0.8” |
| **Suction S.P.** | - | -3.01” |
| **Discharge S.P.** | - | 0.67” |
| **Total S.P.** | 5.20 | 3.68" |
| **DX Coil P.D.** | - | 0.45” |
| **Final Filters P.D.** | - | 1.35” |
| **Heat Wheel P.D.** | - | 0.23” |
| **Pre-Filters P.D.** | - | 0.07” |
| **Total ESP** | 3.50 | 1.86” |

Completed By: Gabe Merk on 02/06/2026

### VAV - Single Duct

**HRHP-R08/2ND FLR-AREA C**

| Asset | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asset Name | MFG | Model Num | Type | Inlet Size | Design Max CFM | Max CFM | Design Min CFM | Min CFM | Design Heat CFM | Heat CFM | Ak (max) |
| VAV-203 | PRICE | SDV | REHEAT | 6 | 260 | 266 | 80 | 81 | 80 | 81 | 600 |
| VAV-204 | PRICE | SDV | REHEAT | 12 | 1320 | 1323 | 400 | 416 | 400 | 416 | 2300 |
| VAV-205 | PRICE | SDV | REHEAT | 12 | 1320 | 1342 | 400 | 410 | 400 | 410 | 2195 |
| VAV-206 | PRICE | SDV | REHEAT | 10 | 880 | 872 | 270 | 273 | 270 | 273 | 1487 |
| VAV-207 | PRICE | SDV | REHEAT | 10 | 880 | 878 | 270 | 265 | 270 | 265 | 1685 |
| VAV-208 | PRICE | SDV | REHEAT | 10 | 880 | 879 | 270 | 275 | 270 | 275 | 1560 |
| VAV-209 | PRICE | SDV | REHEAT | 12 | 1320 | 1339 | 400 | 415 | 660 | 659 | 2615 |
| VAV-210 | PRICE | SDV | REHEAT | 12 | 1320 | 1349 | 400 | 408 | 400 | 408 | 2553 |
| VAV-211 | PRICE | SDV | REHEAT | 10 | 900 | 917 | 270 | 267 | 450 | 459 | 1775 |
| VAV-212 | PRICE | SDV | REHEAT | 10 | 810 | 776 | 250 | 239 | 410 | 406 | 1431 |
| VAV-213 | PRICE | SDV | REHEAT | 10 | 810 | 815 | 250 | 253 | 410 | 417 | 1305 |
| VAV-214 | PRICE | SDV | REHEAT | 10 | 810 | 802 | 250 | 247 | 410 | 403 | 1487 |
| VAV-215 | PRICE | SDV | REHEAT | 12 | 1170 | 1114 | 360 | 357 | 590 | 599 | 2534 |
| VAV-216 | PRICE | SDV | REHEAT | 8 | 740 | 720 | 230 | 232 | 370 | 373 | 1175 |
| VAV-217 | PRICE | SDV | REHEAT | 8 | 510 | 499 | 160 | 161 | 260 | 269 | 1005 |
| VAV-218 | PRICE | SDV | REHEAT | 8 | 620 | 623 | 190 | 197 | 190 | 197 | 1025 |
| VAV-220 | PRICE | SDV | REHEAT | 10 | 590 | 614 | 270 | 265 | 270 | 265 | 1644 |
| VAV-233 | PRICE | SDV | REHEAT | 8 | 560 | 558 | 170 | 177 | 280 | 275 | 910 |
| VAV-234 | PRICE | SDV | REHEAT | 8 | 510 | 528 | 160 | 158 | 260 | 265 | 955 |

### Diffuser Supply (GRD)

**VAV-203/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 201 AVIATION SUITE | SD-04 | 10 | 260 | 334 | 266 | 102.3 |
| Total | | | | 260 | 334 | 266 | 102.31% |

**VAV-204/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 329 | 396 | 90.0 |
| SGRD2 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 506 | 467 | 106.1 |
| SGRD3 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 565 | 460 | 104.5 |
| Total | | | | 1320 | 1400 | 1323 | 100.23% |

**VAV-205/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 387 | 409 | 93.0 |
| SGRD2 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 481 | 481 | 109.3 |
| SGRD3 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 534 | 452 | 102.7 |
| Total | | | | 1320 | 1402 | 1342 | 101.67% |

**VAV-206/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | | SD-05 | 12 | 440 | 450 | 450 | 102.3 |
| SGRD2 | | SD-05 | 12 | 440 | 422 | 422 | 95.9 |

**VAV-206/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| Total | | | | 880 | 872 | 872 | 99.09% |

**VAV-207/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 201 AVIATION STE | SD-04 | 10 | 220 | 303 | 239 | 108.6 |
| SGRD2 | 201 AVIATION STE | SD-04 | 10 | 220 | 259 | 232 | 105.5 |
| SGRD3 | 201 AVIATION STE | SD-04 | 10 | 220 | 149 | 191 | 86.8 |
| SGRD4 | 201 AVIATION STE | SD-04 | 10 | 220 | 300 | 216 | 98.2 |
| Total | | | | 880 | 1011 | 878 | 99.77% |

**VAV-208/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 473 | 442 | 100.5 |
| SGRD2 | 201 AVIATION STE | LS-05 | 48X8 | 440 | 454 | 437 | 99.3 |
| Total | | | | 880 | 927 | 879 | 99.89% |

**VAV-209/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 201 AVIATION STE | SD-05 | 12 | 440 | 556 | 462 | 105.0 |
| SGRD2 | 201 AVIATION STE | SD-05 | 12 | 440 | 567 | 456 | 103.6 |
| SGRD3 | 201 AVIATION STE | SD-05 | 12 | 440 | 480 | 421 | 95.7 |
| Total | | | | 1320 | 1603 | 1339 | 101.44% |

**VAV-210/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 201 AVIATION STE | SD-05 | 12 | 440 | 502 | 453 | 103.0 |
| SGRD2 | 201 AVIATION STE | SD-05 | 12 | 440 | 496 | 445 | 101.1 |
| SGRD3 | 201 AVIATION STE | SD-05 | 12 | 440 | 579 | 451 | 102.5 |
| Total | | | | 1320 | 1577 | 1349 | 102.2% |

**VAV-211/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 202 CONF RM | SD-03 | 8 | 150 | 198 | 159 | 106.0 |
| SGRD2 | 202 CONF RM | SD-03 | 8 | 150 | 185 | 156 | 104.0 |
| SGRD3 | 202 CONF RM | SD-03 | 8 | 150 | 178 | 159 | 106.0 |
| SGRD4 | 202 CONF RM | SD-03 | 8 | 150 | 184 | 150 | 100.0 |
| SGRD5 | 202 CONF RM | SD-03 | 8 | 150 | 169 | 140 | 93.3 |
| SGRD6 | 202 CONF RM | SD-03 | 8 | 150 | 174 | 153 | 102.0 |
| Total | | | | 900 | 1088 | 917 | 101.89% |

**VAV-212/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 205 OFFICE | LS-03 | 10 | 270 | 291 | 281 | 104.1 |
| SGRD2 | 204 OFFICE | LS-03 | 10 | 270 | 255 | 244 | 90.4 |
| SGRD3 | 203 OFFICE | LS-03 | 10 | 270 | 242 | 251 | 93.0 |
| Total | | | | 810 | 788 | 776 | 95.8% |

**VAV-213/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 206 OFFICE | LS-03 | 10 | 270 | 131 | 245 | 90.7 |
| SGRD2 | 207 OFFICE | LS-03 | 10 | 270 | 273 | 293 | 108.5 |
| SGRD3 | 208 OFFICE | LS-03 | 10 | 270 | 223 | 277 | 102.6 |
| Total | | | | 810 | 627 | 815 | 100.62% |

**VAV-214/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 209 OFFICE | LS-03 | 10 | 270 | 239 | 263 | 97.4 |
| SGRD2 | 210 OFFICE | LS-03 | 10 | 270 | 285 | 274 | 101.5 |
| SGRD3 | 211 OFFICE | LS-03 | 10 | 270 | 289 | 265 | 98.1 |
| Total | | | | 810 | 813 | 802 | 99.01% |

**VAV-215/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 212 CONF RM | SD-03 | 8 | 195 | 236 | 178 | 91.3 |
| SGRD2 | 212 CONF RM | SD-03 | 8 | 195 | 268 | 185 | 94.9 |
| SGRD3 | 212 CONF RM | SD-03 | 8 | 195 | 243 | 212 | 108.7 |
| SGRD4 | 212 CONF RM | SD-03 | 8 | 195 | 236 | 180 | 92.3 |
| SGRD5 | 212 CONF RM | SD-03 | 8 | 195 | 206 | 177 | 90.8 |
| SGRD6 | 212 CONF RM | SD-03 | 8 | 195 | 223 | 182 | 93.3 |
| Total | | | | 1170 | 1412 | 1114 | 95.21% |

**VAV-216/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 214 CONF RM | SD-03 | 8 | 140 | 149 | 134 | 95.7 |
| SGRD2 | 214 CONF RM | SD-03 | 8 | 150 | 240 | 138 | 92.0 |
| SGRD3 | 214 CONF RM | SD-03 | 8 | 150 | 221 | 163 | 108.7 |
| SGRD4 | 214 CONF RM | SD-03 | 8 | 150 | 198 | 141 | 94.0 |
| SGRD5 | 214 CONF RM | SD-03 | 8 | 150 | 188 | 144 | 96.0 |
| Total | | | | 740 | 996 | 720 | 97.3% |

**VAV-217/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | | SD-03 | 8 | 170 | 182 | 156 | 91.8 |
| SGRD2 | | SD-03 | 8 | 170 | 212 | 172 | 101.2 |
| SGRD3 | | SD-03 | 8 | 170 | 210 | 171 | 100.6 |
| Total | | | | 510 | 604 | 499 | 97.84% |

**VAV-218/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 222 OFFICE | SD-04 | 10 | 160 | 209 | 147 | 91.9 |
| SGRD2 | 221 OFFICE | SD-04 | 10 | 150 | 59 | 149 | 99.3 |
| SGRD3 | 220 OFFICE | SD-04 | 10 | 150 | 225 | 162 | 108.0 |
| SGRD4 | 219 OFFICE | SD-04 | 10 | 160 | 231 | 165 | 103.1 |
| Total | | | | 620 | 724 | 623 | 100.48% |

**VAV-220/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | SD-03 | 10 | 145 | 156 | 149 | 102.8 |
| SGRD2 | 227 MRO SUITE | SD-03 | 10 | 145 | 163 | 157 | 108.3 |
| SGRD3 | 227 MRO SUITE | SD-03 | 10 | 150 | 161 | 152 | 101.3 |
| SGRD4 | 227 MRO SUITE | SD-03 | 10 | 150 | 167 | 156 | 104.0 |
| Total | | | | 590 | 647 | 614 | 104.07% |

**VAV-233/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 233 OFFICE | LS-03 | 10 | 310 | 293 | 294 | 94.8 |
| SGRD2 | 234 OFFICE | LS-03 | 10 | 250 | 313 | 264 | 105.6 |
| Total | | | | 560 | 606 | 558 | 99.64% |

**VAV-234/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 235 OFFICE | LS-03 | 10 | 260 | 315 | 284 | 109.2 |
| SGRD2 | 236 OFFICE | LS-03 | 10 | 250 | 254 | 244 | 97.6 |

**VAV-234/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| Total | | | | 510 | 569 | 528 | 103.53% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: AHU-DUAL FAN

**Asset: HRHP-R09** AREA:

| UNIT DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Manufacturer** | NA | AAON |
| **Model Number** | NA | RNA-031 |
| **Serial Number** | - | 202507-BNEU34337 |
| **No. Pre-Filters / Size (1)** | - | 12 / 16"X25" |
| **No. Pre-Filters / Size (2)** | - | 8 / 24"X24"X2" |
| **No. Pre-Filters / Size (3)** | - | 8 / 24"X24"X4" |

| MOTOR DATA - SUPPLY | |
|---|---|
| | **Actual** |
| **Motor MFG / Frame** | INACCESSIBLE / INACCESSIBLE |
| **Horsepower / RPM** | 2@20.0 / 1760 |
| **Rated Volts / Phase** | 3 / 460 |
| **Rated Amperage / SF** | 2@27.0 / INACCESSIBLE |

| TEST DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Total CFM** | 13500 | 14633 |
| **OA CFM** | 3000 | 2956 |
| **Fan RPM** | 1837 | 1848/1848 |
| **VFD Speed** | - | 63/63HZ |
| **RL Voltage** | 460 | 472/472 |
| **RL Amperage** | 27.0 | 14.0/14.1 |
| **Motor B.H.P.** | 10.89 | 10.4/10.4 |

| PERFORMANCE DATA - SUPPLY | | |
|---|---|---|
| | **Design** | **Actual** |
| **Static Pressure Stpt** | - | 1.5” |
| **Suction S.P.** | - | -2.54” |
| **Discharge S.P.** | - | 1.71” |
| **Total S.P.** | 5.20 | 4.25" |
| **DX Coil P.D.** | - | 0.32” |
| **Heat Wheel P.D.** | - | 0.61” |
| **Pre-Filters P.D.** | - | 1.05” |
| **Total ESP** | 3.50 | 2.87” |

Completed By: Gabe Merk on 02/06/2026

### VAV - Single Duct

**HRHP-R09/**

| Asset | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asset Name | MFG | Model Num | Type | Inlet Size | Design Max CFM | Max CFM | Design Min CFM | Min CFM | Design Heat CFM | Heat CFM | Ak (max) |
| VAV-219 | NA | NA | REHEAT | 4 | 140 | 146 | 50 | 53 | 75 | 77 | 390 |
| VAV-221 | NA | NA | REHEAT | 12 | 1430 | 1427 | 400 | 409 | 660 | 409 | 2525 |
| VAV-222 | NA | NA | REHEAT | 10 | 760 | 785 | 230 | 230 | 230 | 230 | 1540 |
| VAV-223 | NA | NA | REHEAT | 8 | 510 | 515 | 160 | 162 | 260 | 271 | 1143 |
| VAV-224 | NA | NA | REHEAT | 12 | 1220 | 1246 | 400 | 399 | 400 | 399 | 2400 |
| VAV-225 | NA | NA | REHEAT | 10 | 880 | 869 | 270 | 270 | 270 | 270 | 1535 |
| VAV-226 | NA | NA | REHEAT | 12 | 900 | 905 | 400 | 403 | 400 | 403 | 2650 |
| VAV-227 | NA | NA | REHEAT | 12 | 1320 | 1327 | 400 | 410 | 400 | 410 | 2440 |
| VAV-228 | NA | NA | REHEAT | 10 | 880 | 867 | 270 | 276 | 270 | 276 | 1238 |
| VAV-229 | NA | NA | REHEAT | 10 | 1000 | 960 | 300 | 295 | 300 | 295 | 1730 |
| VAV-230 | NA | NA | REHEAT | 10 | 880 | 921 | 270 | 273 | 270 | 273 | 1535 |
| VAV-231 | NA | NA | REHEAT | 8 | 720 | 712 | 220 | 221 | 220 | 221 | 1076 |
| VAV-232 | NA | NA | REHEAT | 8 | 600 | 600 | 180 | 181 | 180 | 181 | 1102 |
| VAV-235 | NA | NA | REHEAT | 6 | 360 | 367 | 110 | 115 | 180 | 181 | 541 |
| VAV-236 | NA | NA | REHEAT | 4 | 150 | 151 | 50 | 50 | 75 | 77 | 396 |
| VAV-237 | NA | NA | REHEAT | 8 | 540 | 532 | 170 | 167 | 170 | 167 | 1092 |
| VAV-238 | NA | NA | REHEAT | 8 | 680 | 686 | 210 | 214 | 210 | 214 | 1010 |
| VAV-239 | NA | NA | REHEAT | 4 | 150 | 153 | 50 | 51 | 75 | 73 | 389 |
| VAV-240 | NA | NA | REHEAT | 6 | 260 | 269 | 80 | 83 | 80 | 83 | 520 |
| VAV-241 | NA | NA | REHEAT | 8 | 540 | 520 | 170 | 165 | 170 | 165 | 1052 |
| VAV-242 | NA | NA | REHEAT | 6 | 280 | 288 | 90 | 91 | 90 | 91 | 534 |

### Diffuser Supply (GRD)

**VAV-219/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 223 PRAYER | SD-03 | 8 | 140 | 173 | 146 | 104.3 |
| Total | | | | 140 | 173 | 146 | 104.29% |

**VAV-221/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 441 | 421 | 95.7 |
| SGRD2 | 227 MRO SUITE | LS-05 | 48X8 | 330 | 489 | 361 | 109.4 |
| SGRD3 | 227 MRO SUITE | LS-05 | 48X8 | 330 | 372 | 316 | 95.8 |
| SGRD4 | 227 MRO SUITE | LS-05 | 48X8 | 330 | 374 | 329 | 99.7 |
| Total | | | | 1430 | 1676 | 1427 | 99.79% |

**VAV-222/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| SGRD1 | 227 MRO SUITE | LS-03 | 10 | 260 | 260 | 253 | 97.3 |
| SGRD2 | 227 MRO SUITE | LS-03 | 10 | 250 | 262 | 258 | 103.2 |
| SGRD3 | 227 MRO SUITE | LS-03 | 10 | 250 | 280 | 274 | 109.6 |
| Total | | | | 760 | 802 | 785 | 103.29% |

**VAV-223/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 229 PROD PLAN | SD-04 | 10 | 255 | 338 | 264 | 103.5 |
| SGRD2 | 229 PROD PLAN | SD-04 | 10 | 255 | 328 | 251 | 98.4 |
| Total | | | | 510 | 666 | 515 | 100.98% |

**VAV-224/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 399 | 419 | 95.2 |
| SGRD2 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 603 | 475 | 108.0 |
| SGRD3 | 227 MRO SUITE | LS-05 | 48X8 | 340 | 386 | 352 | 103.5 |
| Total | | | | 1220 | 1388 | 1246 | 102.13% |

**VAV-225/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 460 | 460 | 104.5 |
| SGRD2 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 409 | 409 | 93.0 |
| Total | | | | 880 | 869 | 869 | 98.75% |

**VAV-226/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | LS-05 | 48X8 | 450 | 586 | 474 | 105.3 |
| SGRD2 | 227 MRO SUITE | LS-05 | 48X8 | 450 | 533 | 431 | 95.8 |
| Total | | | | 900 | 1119 | 905 | 100.56% |

**VAV-227/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 473 | 402 | 91.4 |
| SGRD2 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 551 | 468 | 106.4 |
| SGRD3 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 538 | 457 | 103.9 |
| Total | | | | 1320 | 1562 | 1327 | 100.53% |

**VAV-228/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 365 | 423 | 96.1 |
| SGRD2 | 227 MRO SUITE | LS-05 | 48X8 | 440 | 383 | 444 | 100.9 |
| Total | | | | 880 | 748 | 867 | 98.52% |

**VAV-229/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | SD-05 | 12 | 500 | 534 | 470 | 94.0 |
| SGRD2 | 227 MRO SUITE | SD-05 | 12 | 500 | 681 | 490 | 98.0 |
| Total | | | | 1000 | 1215 | 960 | 96% |

**VAV-230/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 227 MRO SUITE | SD-04 | 10 | 290 | 284 | 282 | 97.2 |
| SGRD2 | 227 MRO SUITE | SD-04 | 10 | 290 | 318 | 318 | 109.7 |
| SGRD3 | 227 MRO SUITE | SD-04 | 10 | 300 | 329 | 321 | 107.0 |
| Total | | | | 880 | 931 | 921 | 104.66% |

**VAV-231/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 237 CONF | SD-04 | 10 | 240 | 261 | 236 | 98.3 |
| SGRD2 | 237 CONF | SD-04 | 10 | 240 | 264 | 236 | 98.3 |
| SGRD3 | 237 CONF | SD-04 | 10 | 240 | 266 | 240 | 100.0 |
| Total | | | | 720 | 791 | 712 | 98.89% |

**VAV-232/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 230 CONFERENCE | SD-03 | 10 | 300 | 386 | 298 | 99.3 |
| SGRD2 | 230 CONFERENCE | SD-04 | 10 | 300 | 392 | 302 | 100.7 |
| Total | | | | 600 | 778 | 600 | 100% |

**VAV-235/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | HALL | SD-03 | 8 | 180 | 195 | 172 | 95.6 |
| SGRD2 | HALL | SD-03 | 8 | 180 | 225 | 195 | 108.3 |
| Total | | | | 360 | 420 | 367 | 101.94% |

**VAV-236/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CO202 CORR 5 | SG-02 | 10X6 | 150 | 175 | 151 | 100.7 |
| Total | | | | 150 | 175 | 151 | 100.67% |

**VAV-237/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 240 REC STOR | SD-03 | 8 | 200 | 250 | 201 | 100.5 |
| SGRD2 | 239 OFFICE | SD-03 | 8 | 170 | 195 | 158 | 92.9 |
| SGRD3 | 238 OFFICE | SD-03 | 8 | 170 | 245 | 173 | 101.8 |
| Total | | | | 540 | 690 | 532 | 98.52% |

**VAV-238/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 244 OFFICE | SD-04 | 10 | 170 | 158 | 167 | 98.2 |
| SGRD2 | 243 OFFICE | SD-04 | 10 | 170 | 198 | 178 | 104.7 |
| SGRD3 | 242 OFFICE | SD-04 | 10 | 170 | 206 | 167 | 98.2 |
| SGRD4 | 241 OFFICE | SD-04 | 10 | 170 | 219 | 174 | 102.4 |
| Total | | | | 680 | 781 | 686 | 100.88% |

**VAV-239/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | CO202 CORR 5 | SG-02 | 10X6 | 150 | 172 | 153 | 102.0 |
| Total | | | | 150 | 172 | 153 | 102% |

**VAV-240/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 245 AUDITORS | SD-03 | 8 | 130 | 146 | 141 | 108.5 |
| SGRD2 | 245 AUDITORS | SD-03 | 8 | 130 | 131 | 128 | 98.5 |
| Total | | | | 260 | 277 | 269 | 103.46% |

**VAV-241/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 248 OFFICE | SD-03 | 8 | 180 | 210 | 166 | 92.2 |
| SGRD2 | 247 OFFICE | SD-03 | 8 | 180 | 234 | 182 | 101.1 |
| SGRD3 | 246 OFFICE | SD-03 | 8 | 180 | 196 | 172 | 95.6 |
| Total | | | | 540 | 640 | 520 | 96.3% |

**VAV-242/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 249 COPY RM | SD-04 | 10 | 280 | 332 | 288 | 102.9 |
| Total | | | | 280 | 332 | 288 | 102.86% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Supply

**Asset: MAU-R03** AREA:

| Unit Data | |
|---|---|
| | **Actual** |
| **MFG** | AAON |
| **Model Num** | RNA-007 |
| **Serial Num** | 202508-ANEG34322 |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 1.0 | 1 |
| **Motor Rpm** | 1170 | 1170 |
| **Phase** | 3 | 3 |
| **Voltage (rated)** | 460 | 460 |
| **Amperage (rated)** | - | 2.1 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1200 | 1235 |
| **SF RPM** | 1113 | 702 |
| **RL Voltage** | 460 | 188 VFD |
| **RL Amperage** | 2.1 | 0.8 VFD |
| **Suction ESP** | - | -0.14” |
| **Discharge ESP** | - | 0.29” |
| **Total ESP** | 0.50 | 0.43” |
| **Brake Horse Power** | - | 0.38 |

Completed By: Gabe Merk on 02/04/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Supply

**Diffuser Supply (GRD)**

**MAU-R03/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| SGRD1 | 151 | SG-02 | 10X6 | 240 | 1957 | 254 | 105.8 |
| SGRD2 | 15 | SG-02 | 10X6 | 240 | | 246 | 102.5 |
| SGRD3 | 151 | SG-02 | 10X6 | 240 | | 232 | 96.7 |
| SGRD4 | 151 | SG-02 | 10X6 | 240 | | 262 | 109.2 |
| SGRD5 | 151 | SG-02 | 10X6 | 240 | | 241 | 100.4 |
| Total | | | | 1200 | 1957 | 1235 | 102.92% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-201** AREA:224 WOMEN RR

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | BSQ-160 |
| **Serial Num** | - | ILLEGIBLE |
| **Type** | CENT INLINE | INLINE |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | U.S. MOTORS |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 5.8 |
| **Service Factor** | - | 1.35 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | 4" |
| **Motor Bore Size** | INACCESSIBLE |
| **Motor Sheave SetPt** | 0 TURNS OUT |
| **Fan Sheave Size** | INACCESSIBLE |
| **Fan Sheave Bore** | INACCESSIBLE |
| **Belt CL Distance** | INACCESSIBLE |
| **Num of Belts** | 1 |
| **Belt Size** | 4L540R |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2040 | 2053 |
| **Fan RPM** | 898 | 937 |
| **RL Voltage** | 115 | INACCESSIBLE |
| **RL Amperage** | 7.2 | INACCESSIBLE |
| **Suction ESP** | - | -0.40" |
| **Discharge ESP** | - | 0.10" |
| **Total ESP** | 0.41 | 0.50" |

Completed By: Gabe Merk on 02/03/2026

Notes:
E201-1 is a transfer grille and deleted from scope.

Written By: Gabe Merk on 02/02/2026

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-201/224 WOMEN RR**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD2 | 137 MENS RR | LE-01 | 6 | 90 | 0.46 | 64 | 69 | 89 | 98.9 |
| EGRD3 | 137 MENS RR | LE-01 | 6 | 90 | 0.46 | 47 | 50 | 93 | 103.3 |
| EGRD4 | 137 MENS RR | LE-01 | 6 | 90 | 0.46 | 50 | 54 | 90 | 100.0 |
| EGRD5 | 137 MENS RR | LE-01 | 6 | 90 | 0.46 | 59 | 63 | 85 | 94.4 |
| EGRD6 | 136 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 47 | 50 | 67 | 95.7 |
| EGRD7 | 136 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 43 | 46 | 73 | 104.3 |
| EGRD8 | 136 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 46 | 49 | 71 | 101.4 |
| EGRD9 | 136 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 41 | 44 | 67 | 95.7 |
| EGRD10 | 149 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 56 | 60 | 73 | 104.3 |
| EGRD11 | 149 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 57 | 61 | 69 | 98.6 |
| EGRD12 | 149 WOMEN RR | ED-01 | 6 | 50 | 1 | 94 | 101 | 54 | 108.0 |
| EGRD13 | 144 MENS RR | LE-01 | 6 | 70 | 0.46 | 42 | 45 | 76 | 108.6 |
| EGRD14 | 144 MENS RR | LE-01 | 6 | 70 | 0.46 | 37 | 40 | 71 | 101.4 |
| EGRD15 | 144 MENS RR | ED-01 | 6 | 50 | 1 | 83 | 89 | 55 | 110.0 |
| EGRD16 | 134 JANITOR | ED-01 | 6 | 100 | 1 | 67 | 72 | 92 | 92.0 |
| EGRD17 | 132 TOILET | LE-01 | 6 | 70 | 0.46 | 55 | 59 | 73 | 104.3 |
| EGRD18 | 132 TOILET | LE-01 | 6 | 70 | 0.46 | 47 | 50 | 69 | 98.6 |
| EGRD19 | 224 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 23 | 25 | 74 | 105.7 |
| EGRD20 | 224 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 93 | 100 | 73 | 104.3 |
| EGRD21 | 224 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 79 | 85 | 69 | 98.6 |
| EGRD22 | 224 WOMEN RR | LE-01 | 6 | 70 | 0.46 | 86 | 92 | 73 | 104.3 |
| EGRD23 | 225 MENS RR | LE-01 | 6 | 90 | 0.46 | 62 | 66 | 95 | 105.6 |
| EGRD24 | 225 MENS RR | LE-01 | 6 | 90 | 0.46 | 74 | 79 | 86 | 95.6 |
| EGRD25 | 225 MENS RR | LE-01 | 6 | 90 | 0.46 | 60 | 64 | 96 | 106.7 |
| EGRD26 | 225 MENS RR | LE-01 | 6 | 90 | 0.46 | 55 | 59 | 86 | 95.6 |
| EGRD27 | 226 TOILET | LE-02 | 10 | 140 | 0.46 | 85 | 91 | 134 | 95.7 |
| Total | | | | 2040 | | 1552 | 1663 | 2053 | 100.64% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R11** AREA:187, 188 RESTROOMS

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-097-6 |
| **Serial Num** | - | 25710972 |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | Marathon Motors |
| **Frame** | - | 48Y |
| **Horsepower** | 0.167 | 0.167 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 3.6 |
| **Service Factor** | - | 1.15 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | VP25 |
| **Motor Bore Size** | 0.4375” |
| **Motor Sheave SetPt** | 3 turns out |
| **Fan Sheave Size** | AK34 |
| **Fan Sheave Bore** | 0.75” |
| **Belt CL Distance** | 5” |
| **Num of Belts** | 1 |
| **Belt Size** | 3L-180 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 140 | 131 |
| **Fan RPM** | 1161 | 1144 |
| **RL Voltage** | 115 | 119 |
| **RL Amperage** | 4.4 | 3.1 |
| **Suction ESP** | - | -0.11” |
| **Discharge ESP** | - | Atmosphere |
| **Total ESP** | 0.4 | 0.11” |

**Diffuser Ret/Exh (GRD)**

**EF-R11/187, 188 RESTROOMS**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | AK | CFM(1) | CFM(2) | FINAL CFM | % to design |
| EGRD1 | 188 MENS RR | ED-02 | 6 | 70 | 1 | 65 | 65 | 65 | 92.9 |
| EGRD2 | 187 WOMEN RR | ED-02 | 6 | 70 | 1 | 66 | 66 | 66 | 94.3 |
| Total | | | | 140 | | 131 | 131 | 131 | 93.57% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R12** AREA:157 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-097-6 |
| **Serial Num** | - | 25710983 |
| **Type** | CRE DNBLASTb | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | Marathon Motors |
| **Frame** | - | 48Y |
| **Horsepower** | 0.167 | 0.167 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 4.4 |
| **Service Factor** | - | 1.15 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | VP25 |
| **Motor Bore Size** | 0.4375” |
| **Motor Sheave SetPt** | 1.5 turns out |
| **Fan Sheave Size** | AK34 |
| **Fan Sheave Bore** | 0.75” |
| **Belt CL Distance** | 4.75” |
| **Num of Belts** | 1 |
| **Belt Size** | 3L-180 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 300 | 277 |
| **Fan RPM** | 1323 | 1305 |
| **RL Voltage** | 115 | 120 |
| **RL Amperage** | 4.4 | 3.2 |
| **Suction ESP** | - | -0.02” |
| **Discharge ESP** | - | Atmosphere |
| **Total ESP** | 0.4 | 0.02” |

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R12/157 ELECTRICAL**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | 157 ELECTRICAL | ED-04 | 12 | 300 | 1 | 277 | 277 | 277 | 92.3 |
| Total | | | | 300 | | 277 | 277 | 277 | 92.33% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R13** AREA:171 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2459 |
| **RL Voltage** | 115 | 119 |
| **RL Amperage** | 7.2 | 6.2 |
| **Suction ESP** | - | -0.48 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.48 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R14** AREA:171 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2428 |
| **RL Voltage** | 115 | 121 |
| **RL Amperage** | 7.2 | 5.8 |
| **Suction ESP** | - | -0.41 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.41 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R17** AREA:232 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-097-6 |
| **Serial Num** | - | 25710978 |
| **Type** | CRE DNBLAST | CRE DOWNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | MARATHON |
| **Horsepower** | 0.167 | 0.167 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 4.4 |
| **Service Factor** | - | 1.15 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | VP25 |
| **Motor Bore Size** | 0.5” |
| **Motor Sheave SetPt** | 2 turns out |
| **Fan Sheave Size** | AK34 |
| **Fan Sheave Bore** | 0.75” |
| **Belt CL Distance** | 5” |
| **Num of Belts** | 1 |
| **Belt Size** | 3L-180 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 300 | 287 |
| **Fan RPM** | 1237 | 1250 |
| **RL Voltage** | 115 | INACCESSIBLE |
| **RL Amperage** | 4.4 | INACCESSIBLE |
| **Suction ESP** | - | -0.05 |
| **Discharge ESP** | - | ATM |
| **Total ESP** | 0.3 | 0.05 |

Completed By: Gabe Merk on 02/04/2026

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R18** AREA:CO102 CORR 3

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | CUBE-180-5 |
| **Serial Num** | - | |
| **Type** | CRE UPBLAST | CRE UPBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.5 | 0.5 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 9.8 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2700 | 2818 |
| **RL Voltage** | 115 | 120 |
| **RL Amperage** | 9.8 | 7.7 |
| **Suction ESP** | - | -0.69 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.69 |

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R18/CO102 CORR 3**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | CO102 CORR 3 | EG-03 | 34X18 | 2700 | | 0 | | 2818 | 104.4 |
| Total | | | | 2700 | | 0 | 0 | 2818 | 104.37% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R19** AREA:CO102 CORR 3

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | CUBE-180-5 |
| **Serial Num** | - | |
| **Type** | CRE UPBLAST | CRE UPBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.5 | 0.5 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 9.8 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2700 | 2922 |
| **RL Voltage** | 115 | 121 |
| **RL Amperage** | 9.8 | 7.4 |
| **Suction ESP** | - | -0.8” |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.8 |

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R19/CO102 CORR 3**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | CO102 CORR 3 | EG-03 | 34X18 | 2700 | | 0 | | 2922 | 108.2 |
| Total | | | | 2700 | | 0 | 0 | 2922 | 108.22% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R21** AREA:CO102 CORR 3

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | CUBE-180-5 |
| **Serial Num** | - | 25861745 |
| **Type** | CRE UPBLAST | CRE UPBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | WEG |
| **Frame** | - | 56 |
| **Horsepower** | 0.5 | 0.5 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 8.4/4.2 |
| **Service Factor** | - | 1 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | VP34S |
| **Motor Bore Size** | 0.625” |
| **Motor Sheave SetPt** | 2 turns out |
| **Fan Sheave Size** | Ak 64 |
| **Fan Sheave Bore** | 0.75” |
| **Belt CL Distance** | 5.5” |
| **Num of Belts** | 1 |
| **Belt Size** | 4L270R |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2700 | 2616 |
| **Fan RPM** | 822 | 800 |
| **RL Voltage** | 115 | INACCESSIBLE |
| **RL Amperage** | 9.8 | INACCESSIBLE |
| **Suction ESP** | - | -0.10” |
| **Discharge ESP** | - | ATM |
| **Total ESP** | 0.3 | 0.10” |

Completed By: Gabe Merk on 02/04/2026

**Diffuser Ret/Exh (GRD)**

**EF-R21/CO102 CORR 3**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | CO102 CORR 3 | EG-03 | 34X18 | 2700 | 3.7 | 2616 | 2616 | 2616 | 96.9 |
| Total | | | | 2700 | | 2616 | 2616 | 2616 | 96.89% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R24** AREA:172 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2466 |
| **RL Voltage** | 115 | 120 |
| **RL Amperage** | 7.2 | 5.8 |
| **Suction ESP** | - | -0.32 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.32 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R25** AREA:172 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2432 |
| **RL Voltage** | 115 | 120 |
| **RL Amperage** | 7.2 | 5.8 |
| **Suction ESP** | - | -0.37 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.37 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R02** AREA:109 MECHANICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 7.2 |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2398 |
| **RL Voltage** | 115 | 120 |
| **RL Amperage** | 7.2 | 6.0 |
| **Suction ESP** | - | -0.4 |
| **Discharge ESP** | - | ATM |
| **Total ESP** | 0.3 | 0.4 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R03** AREA:109 MECHANICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2483 |
| **RL Voltage** | 115 | 121 |
| **RL Amperage** | 7.2 | 5.5 |
| **Suction ESP** | - | -0.57 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.57 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R04** AREA:111 FIRE PUMP

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2494 |
| **RL Voltage** | 115 | 119 |
| **RL Amperage** | 7.2 | 6.2 |
| **Suction ESP** | - | -0.38 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.38 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R06** AREA:112 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2475 |
| **RL Voltage** | 115 | 120 |
| **RL Amperage** | 7.2 | 6.1 |
| **Suction ESP** | - | -0.34 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.34 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R07** AREA:112 ELECTRICAL

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-180-3 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.33 | 0.33 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 7.2 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2500 | 2318 |
| **RL Voltage** | 115 | 121 |
| **RL Amperage** | 7.2 | 6.3 |
| **Suction ESP** | - | -0.55 |
| **Discharge ESP** | - | Atm |
| **Total ESP** | 0.3 | 0.55 |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R08** AREA:139 ELEC

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-100-4 |
| **Serial Num** | - | 25710987 |
| **Type** | CRE DNBLAST | CRE DOWNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | GREENHECK |
| **Frame** | - | 48Y |
| **Horsepower** | 0.25 | 0.25 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 4.6 |
| **Service Factor** | - | 1.35 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | VP25 |
| **Motor Bore Size** | 1/2” |
| **Motor Sheave SetPt** | 4 out |
| **Fan Sheave Size** | AK46 |
| **Fan Sheave Bore** | 3/4” |
| **Belt CL Distance** | 4-3/4” |
| **Num of Belts** | 1 |
| **Belt Size** | 3L200R |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 330 | 346 |
| **RL Voltage** | 115 | 119 |
| **RL Amperage** | 4.6 | 4.2 |
| **Suction ESP** | - | -0.46 |
| **Discharge ESP** | - | atm |
| **Total ESP** | 0.4 | 0.46 |

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R08/139 ELEC**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | 139 ELEC | EG-02 | 12X12 | 330 | | 216 | | 346 | 104.8 |
| Total | | | | 330 | | 216 | 0 | 346 | 104.85% |

# National TAB

**Project: DHL CVG Hangar (Erlanger, KY)**

## System/Unit: FAN - Exhaust

**Asset: EF-R09** AREA:176, 177 RESTROOMS

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | GREENHECK |
| **Model Num** | NA | GB-100-4 |
| **Serial Num** | - | |
| **Type** | CRE DNBLAST | CRE DNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.25 | 0.25 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 500 | |
| **Fan RPM** | 1042 | |
| **RL Voltage** | 115 | |
| **RL Amperage** | 5.8 | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.4 | |
| **Brake Horse Power** | - | |

# National TAB

**Project:DHL CVG Hangar (Erlanger, KY)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R09/176, 177 RESTROOMS**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | 177 WOMEN RR | LE-01 | 6 | 70 | | | | | - |
| EGRD2 | 177 WOMEN RR | LE-01 | 6 | 70 | | | | | - |
| EGRD3 | 176 MENS RR | LE-01 | 6 | 70 | | | | | - |
| EGRD4 | 176 MENS RR | LE-01 | 6 | 70 | | | | | - |
| Total | | | | 280 | | 0 | 0 | 0 | 0% |