# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: AHU/RTU

**Asset: AHU-G1** AREA:FLOOR 1

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | TRANE | TRANE |
| **Serial Num** | - | |
| **Model Num** | CSAA | CSAA021UA |
| **Configuration** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |
| **Num PreFilter 2** | - | |
| **PreFilter Size 2** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 2@ 7.5 |
| **Motor Rpm** | - | 1800 |
| **Phase** | - | 3 |
| **Rated Voltage** | - | 460 |
| **Rated Amperage** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 10225 | |
| **SF RPM** | 2312 | |
| **RA CFM** | 6775 | |
| **OA CFM** | 3450 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | - | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | 78.00 | |
| **SF Flow Station (Kv)** | - | |
| **OA Flow Station (Kv)** | - | |
| **SF System SetPt** | - | |
| **RA Damper Position** | - | |
| **OA Damper Position** | - | |
| **Min OA Damper Position** | - | |
| **Brake Horse Power** | 13.096 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 2.000 | |
| **Fan Total SP** | 4.811 | |

# National TAB

**Project:CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## AHU/RTU

### VAV - Single Duct

**AHU-G1/FLOOR 1**

| 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) |
| G1-G100 | TRANE | VCWF06 | REHEAT | 6 | 350 | | 175 | | 175 | | |
| G1-G109 | TRANE | VCWF08 | REHEAT | 8 | 550 | | 225 | | 225 | | |
| G1-G111 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 50 | | 100 | | |
| G1-G112 | TRANE | VCWF04 | REHEAT | 4 | 75 | | 40 | | 75 | | |
| G1-G113 | TRANE | VCWF04 | REHEAT | 4 | 200 | | 100 | | 100 | | |
| G1-G115 | TRANE | VCWF04 | REHEAT | 4 | 200 | | 100 | | 100 | | |
| G1-G117 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 50 | | 100 | | |
| G1-G118 | TRANE | VCWF04 | REHEAT | 4 | 75 | | 40 | | 75 | | |
| G1-G119 | TRANE | VCWF06 | REHEAT | 6 | 250 | | 125 | | 125 | | |
| G1-G120 | TRANE | VCWF04 | REHEAT | 4 | 75 | | 40 | | 75 | | |
| G1-G121 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 75 | | |
| G1-G124 | TRANE | VCWF10 | REHEAT | 10 | 525 | | 275 | | 275 | | |
| G1-G128 | TRANE | VCWF10 | REHEAT | 10 | 600 | | 300 | | 300 | | |
| G1-G129 | TRANE | VCWF08 | REHEAT | 8 | 525 | | 275 | | 275 | | |
| G1-G130 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G1-G131 | TRANE | VCWF10 | REHEAT | 10 | 675 | | 325 | | 325 | | |
| G1-G132 | TRANE | VCWF12 | REHEAT | 12 | 1150 | | 575 | | 575 | | |
| G1-G134 | TRANE | VCWF10 | REHEAT | 10 | 600 | | 300 | | 300 | | |
| G1-G136 | TRANE | VCWF10 | REHEAT | 10 | 725 | | 325 | | 350 | | |
| G1-G137 | TRANE | VCCF08 | REHEAT | 8 | 575 | | 300 | | 0 | | |
| G1-G140 | TRANE | VCWF10 | REHEAT | 10 | 700 | | 350 | | 350 | | |
| G1-G141 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G1-G142 | TRANE | NA | REHEAT | 6 | 225 | | 125 | | 125 | | |
| G1-G143 | TRANE | VCWF04 | REHEAT | 4 | 75 | | 40 | | 75 | | |
| G1-G144 | TRANE | VCWF04 | REHEAT | 4 | 75 | | 40 | | 75 | | |
| G1-G145 | TRANE | VCWF04 | REHEAT | 4 | 200 | | 100 | | 150 | | |
| G1-G130A 1 | TRANE | VCWF08 | REHEAT | 8 | 300 | | 150 | | 150 | | |

### Diffuser Supply (GRD)

**G1-G100/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| 100-1 | G101 CORRIDOR | S-1 | 6 | 75 | | | - |
| 100-2 | G100A STAFF VEST | S-1 | 6 | 100 | | | - |
| 100-3 | G100 STUDENT VEST | S-2 | 8 | 175 | | | - |
| Total | | | | 350 | 0 | 0 | 0% |

**G1-G109/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| 109-1 | G108 VISITOR VEST | S-2 | 8 | 150 | | | - |
| 109-2 | G109 RECEPTION | S-1 | 6 | 100 | | | - |
| 109-3 | G109 RECEPTION | S-1 | 6 | 100 | | | - |
| 109-4 | G109 RECEPTION | S-1 | 6 | 100 | | | - |
| 109-5 | G109 RECEPTION | S-1 | 6 | 100 | | | - |
| Total | | | | 550 | 0 | 0 | 0% |

**G1-G111/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 111-1 | G111 SECRETARY | S-1 | 6 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G1-G112/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 112-1 | G112 AP OFFICE | S-1 | 6 | 75 | | | - |
| Total | | | | 75 | 0 | 0 | 0% |

**G1-G113/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 113-1 | G113 | S-1 | 6 | 100 | | | - |
| 113-2 | G113 | S-1 | 6 | 100 | | | - |
| Total | | | | 200 | 0 | 0 | 0% |

**G1-G115/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 1151 | G115 CONF RM | S-1 | 6 | 100 | | | - |
| 1152 | G115 CONF RM | S-1 | 6 | 100 | | | - |
| Total | | | | 200 | 0 | 0 | 0% |

**G1-G117/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 117-1 | G117 PRINCIPAL | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G1-G118/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 118-1 | G118 AUDITIONS | S-1 | 6 | 75 | | | - |
| Total | | | | 75 | 0 | 0 | 0% |

**G1-G119/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 119-1 | G119 ADMIN WORKROOM | S-1 | 6 | 125 | | | - |
| 119-2 | G119 ADMIN WORKROOM | S-1 | 6 | 125 | | | - |
| Total | | | | 250 | 0 | 0 | 0% |

**G1-G120/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 120-1 | G120 FINANCE OFFICE | S-1 | 6 | 75 | | | - |
| Total | | | | 75 | 0 | 0 | 0% |

**G1-G121/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 121-1 | G121 OFFICE | S-1 | 6 | 75 | | | - |
| 121-2 | G110 CORRIDOR | S-1 | 6 | 50 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G1-G124/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 124-1 | G124 SCULPTURE | S-2 | 8 | 125 | | | - |
| 124-2 | G124 SCULPTURE | S-2 | 8 | 125 | | | - |
| 124-3 | G128A ART STORAGE | S-1 | 6 | 50 | | | - |
| 124-4 | G124 SCULPTURE | S-2 | 8 | 125 | | | - |
| 124-5 | G124 SCULPTURE | S-2 | 8 | 150 | | | - |
| Total | | | | 575 | 0 | 0 | 0% |

**G1-G128/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 128-1 | G128 CERAMICS | S-2 | 8 | 150 | | | - |
| 128-2 | G128 CERAMICS | S-2 | 8 | 150 | | | - |
| 128-3 | G128 CERAMICS | S-2 | 8 | 150 | | | - |
| 128-4 | KILNS | S10 | | 175 | | | - |
| 128-5 | G128 CERAMICS | S-2 | 8 | 150 | | | - |
| Total | | | | 775 | 0 | 0 | 0% |

**G1-G129/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 129-1 | G129 ITINERANT SERVICES | S-1 | 6 | 175 | | | - |
| 129-2 | G138B MENS RR | S-1 | 6 | 75 | | | - |
| 129-3 | G123 BOOK STORAGE | S-1 | 6 | 50 | | | - |
| 129-4 | G122 GALLERY/COLLAB | S-2 | 8 | 75 | | | - |
| 129-5 | G138A WOMEN RR | S-1 | 6 | 75 | | | - |
| 129-6 | G102 CORRIDOR | S-1 | 6 | 75 | | | - |
| Total | | | | 525 | 0 | 0 | 0% |

**G1-G130/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 130-1 | G132A STORAGE | S-10 | 12X6 | 50 | | | - |
| 130-2 | G130 CONTROL RM | S-3 | 10 | 275 | | | - |
| 130-3 | G130 CONTROL RM | S-3 | 10 | 300 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G1-G131/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 131-1 | G131 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 131-2 | G131 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 131-3 | G102 CORRIDOR | S-1 | 6 | 75 | | | - |
| 131-4 | G131 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 131-5 | G131 MS SCIENCE | S-2 | 8 | 150 | | | - |
| Total | | | | 675 | 0 | 0 | 0% |

**G1-G132/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 132-1 | G132 GALLERY | S-2 | 8 | 200 | | | - |
| 132-2 | G132 GALLERY | S-2 | 8 | 150 | | | - |
| 132-3 | G132 GALLERY | S-2 | 8 | 200 | | | - |
| 132-4 | G132 GALLERY | S-2 | 8 | 200 | | | - |
| 132-5 | G132 GALLERY | S-2 | 8 | 200 | | | - |
| 132-6 | G132 GALLERY | S-2 | 8 | 200 | | | - |
| Total | | | | 1150 | 0 | 0 | 0% |

**G1-G134/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 134-1 | G134 EC/GEN CLASS | S-2 | 8 | 150 | | | - |
| 134-2 | G134 EC/GEN CLASS | S-2 | 8 | 150 | | | - |
| 134-3 | G134 EC/GEN CLASS | S-2 | 8 | 150 | | | - |
| 134-4 | G134 EC/GEN CLASS | S-2 | 8 | 150 | | | - |
| Total | | | | 600 | 0 | 0 | 0% |

**G1-G136/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 136-1 | G136 MS SCIENCE | S-1 | 6 | 75 | | | - |
| 136-2 | G136 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 136-3 | G136 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 136-4 | G136 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 136-5 | G136 MS SCIENCE | S-2 | 8 | 150 | | | - |
| 136-6 | G133 PREP | S-1 | 6 | 50 | | | - |
| Total | | | | 725 | 0 | 0 | 0% |

**G1-G137/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 137-1 | G137 MDF | S-11 | | 575 | | | - |
| Total | | | | 575 | 0 | 0 | 0% |

**G1-G140/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 140-1 | G140 GEN CLASS | S-2 | 8 | 175 | | | - |
| 140-2 | G140 GEN CLASS | S-2 | 8 | 175 | | | - |
| 140-3 | G140 GEN CLASS | S-2 | 8 | 175 | | | - |
| 140-4 | G140 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 700 | 0 | 0 | 0% |

**G1-G141/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 141-1 | G141 GEN CLASS | S-2 | 8 | 150 | | | - |
| 141-2 | G141 GEN CLASS | S-2 | 8 | 150 | | | - |
| 141-3 | G141 GEN CLASS | S-2 | 8 | 150 | | | - |
| 141-4 | G141 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G1-G142/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 142-1 | G142 NURSE | S-1 | 6 | 100 | | | - |
| 142-2 | G142 NURSE | S-1 | 6 | 125 | | | - |
| Total | | | | 225 | 0 | 0 | 0% |

**G1-G143/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 143-1 | G143 REGISTRAR | S-1 | 6 | 75 | | | - |
| Total | | | | 75 | 0 | 0 | 0% |

**G1-G144/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 144-1 | G144 SRO | S-1 | 6 | 75 | | | - |
| Total | | | | 75 | 0 | 0 | 0% |

**G1-G145/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 145-1 | G145 PARENTS RM | S-1 | 6 | 100 | | | - |
| 145-2 | G145 PARENTS RM | S-1 | 6 | 100 | | | - |
| Total | | | | 200 | 0 | 0 | 0% |

**G1-G130A 1/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 130A-1 | G130B ISOLATION BOOTH | S-1 | 6 | 75 | | | - |
| 130A-2 | G130A RECORDING STUDIO | S-1 | 6 | 100 | | | - |
| 130A-3 | G130A RECORDING STUDIO | S-1 | 6 | 100 | | | - |
| 130A-4 | G130C STORAGE | S-1 | 6 | 25 | | | - |
| Total | | | | 300 | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: AHU/RTU

**Asset: AHU-G2** AREA:FLOOR 2

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | TRANE | TRANE |
| **Serial Num** | - | |
| **Model Num** | CSAA | CSAA021UA |
| **Configuration** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |
| **Num PreFilter 2** | - | |
| **PreFilter Size 2** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 2 @ 7.5 |
| **Motor Rpm** | - | 1800 |
| **Phase** | - | 3 |
| **Rated Voltage** | - | 460 |
| **Rated Amperage** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 10775 | |
| **SF RPM** | 2181 | |
| **RA CFM** | 6025 | |
| **OA CFM** | 4750 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | - | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | 74.00 | |
| **SF Flow Station (Kv)** | - | |
| **OA Flow Station (Kv)** | - | |
| **SF System SetPt** | - | |
| **RA Damper Position** | - | |
| **OA Damper Position** | - | |
| **Min OA Damper Position** | - | |
| **Brake Horse Power** | 13.699 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 2.28 | |
| **Fan Total SP** | 5.01 | |

### VAV - Single Duct

**AHU-G2/FLOOR 2**

| 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)** |
| G2-G208 | TRANE | VCWF04 | REHEAT | 4 | 175 | | 100 | | 150 | | |
| G2-G209 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 100 | | |
| G2-G210 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 100 | | |
| G2-G211 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 100 | | |
| G2-G213 | TRANE | VCWF04 | REHEAT | 4 | 200 | | 100 | | 150 | | |
| G2-G214 | TRANE | VCWF04 | REHEAT | 4 | 225 | | 125 | | 150 | | |
| G2-G215 | TRANE | VCWF04 | REHEAT | 4 | 150 | | 75 | | 150 | | |
| G2-G216 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 100 | | |
| G2-G217 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 100 | | |
| G2-G220 | TRANE | VCWF06 | REHEAT | 6 | 300 | | 150 | | 150 | | |
| G2-G223 | TRANE | VCWF06 | REHEAT | 6 | 275 | | 150 | | 150 | | |
| G2-G224 | TRANE | VCWF10 | REHEAT | 10 | 725 | | 375 | | 375 | | |
| G2-G227 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G2-G228 | TRANE | VCWF10 | REHEAT | 10 | 725 | | 375 | | 375 | | |
| G2-G230 | TRANE | VCWF10 | REHEAT | 10 | 675 | | 350 | | 350 | | |
| G2-G231 | TRANE | VCWF08 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G2-G232 | TRANE | VCWF10 | REHEAT | 10 | 775 | | 375 | | 375 | | |
| G2-G233 | TRANE | VCCF08 | REHEAT | 8 | 575 | | 300 | | 0 | | |
| G2-G234 | TRANE | VCWF10 | REHEAT | 10 | 700 | | 350 | | 350 | | |
| G2-G236 | TRANE | VCWF10 | REHEAT | 10 | 700 | | 350 | | 350 | | |
| G2-G239 | TRANE | VCWF10 | REHEAT | 10 | 700 | | 350 | | 350 | | |
| G2-G240 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G2-G241 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G2-G242 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G2-G210A 1 | TRANE | VCWF06 | REHEAT | 6 | 325 | | 175 | | 175 | | |

### Diffuser Supply (GRD)

**G2-G208/FLOOR 2**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 208-1 | G208 GUIDANCE | S-1 | 6 | 100 | | | - |
| 208-2 | G208 GUIDANCE | S-1 | 6 | 75 | | | - |
| Total | | | | 175 | 0 | 0 | 0% |

**G2-G209/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 209-1 | G209 COUNSELOR | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G2-G210/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 210-1 | G210 COUNSELOR | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G2-G211/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 211-1 | G211 COUNCELOR | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G2-G213/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 213-1 | G213 COUNSELOR | S-1 | 6 | 125 | | | - |
| 213-2 | G212 FILE RM | S-1 | 6 | 75 | | | - |
| Total | | | | 200 | 0 | 0 | 0% |

**G2-G214/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 214-1 | G214 CONFERENCE RM | S-1 | 6 | 100 | | | - |
| 214-2 | G214 CONFERENCE RM | S-2 | 8 | 125 | | | - |
| Total | | | | 225 | 0 | 0 | 0% |

**G2-G215/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 215-1 | G125 CAREER CENTER | S-1 | 6 | 75 | | | - |
| 215-2 | G125 CAREER CENTER | S-1 | 6 | 75 | | | - |
| Total | | | | 150 | 0 | 0 | 0% |

**G2-G216/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 216-1 | G216 SOCIAL WORKER | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G2-G217/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 217-1 | G217 TESTING | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G2-G220/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 220-1 | G220B WELLNESS B | S-1 | 6 | 75 | | | - |
| 220-2 | CORRIDOR | S-1 | 6 | 75 | | | - |
| 220-3 | G220 WELLNESS RM | S-1 | 6 | 75 | | | - |
| 220-4 | G220A WELLNESS A | S-1 | 6 | 75 | | | - |
| Total | | | | 300 | 0 | 0 | 0% |

**G2-G223/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 223-1 | G223 COLLABORATION | S-2 | 8 | 125 | | | - |
| 223-2 | G237A WOMEN RR | S-1 | 6 | 75 | | | - |
| 223-3 | G237B MENS RR | S-1 | 6 | 75 | | | - |
| Total | | | | 275 | 0 | 0 | 0% |

**G2-G224/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 224-1 | G224 DRAW/PAINT | S-2 | 8 | 175 | | | - |
| 224-2 | G224 DRAW/PAINT | S-2 | 8 | 150 | | | - |
| 224-3 | G224 DRAW/PAINT | S-2 | 8 | 175 | | | - |
| 224-4 | G224A STORAGE | S-1 | 6 | 50 | | | - |
| 224-5 | G224 DRAW/PAINT | S-2 | 8 | 175 | | | - |
| Total | | | | 725 | 0 | 0 | 0% |

**G2-G227/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 227-1 | G229 PREP | S-1 | 6 | 50 | | | - |
| 227-2 | G227 HS CHEMISTRY | S-1 | 6 | 100 | | | - |
| 227-3 | G227 HS CHEMISTRY | S-1 | 6 | 75 | | | - |
| 227-4 | G227 HS CHEMISTRY | S-1 | 6 | 100 | | | - |
| 227-5 | G227 HS CHEMISTRY | S-1 | 6 | 100 | | | - |
| 227-6 | G227 HS CHEMISTRY | S-1 | 6 | 100 | | | - |
| 227-7 | G227 HS CHEMISTRY | S-1 | 6 | 100 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G2-G228/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 228-1 | G228 PRINTMAKING | S-2 | 8 | 150 | | | - |
| 228-2 | G228 PRINTMAKING | S-2 | 8 | 175 | | | - |
| 228-3 | G228A ART STORAGE | S-1 | 6 | 50 | | | - |
| 228-4 | G228 PRINTMAKING | S-2 | 8 | 175 | | | - |
| 228-5 | G228 PRINTMAKING | S-2 | 8 | 175 | | | - |
| Total | | | | 725 | 0 | 0 | 0% |

**G2-G230/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 230-1 | G230A STORAGE | S-1 | 6 | 25 | | | - |
| 230-2 | G230 GEN CLASS | S-2 | 8 | 150 | | | - |
| 230-3 | G230 GEN CLASS | S-2 | 8 | 150 | | | - |
| 230-4 | G230 GEN CLASS | S-2 | 8 | 175 | | | - |
| 230-5 | G230 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 675 | 0 | 0 | 0% |

**G2-G231/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 231-1 | G231 HS SCIENCE | S-1 | 6 | 125 | | | - |
| 231-2 | G231 HS SCIENCE | S-1 | 6 | 125 | | | - |
| 231-3 | G204 CORRIDOR | S-1 | 6 | 100 | | | - |
| 231-4 | G231 HS SCIENCE | S-1 | 6 | 100 | | | - |
| 231-5 | G231 HS SCIENCE | S-1 | 6 | 125 | | | - |
| 231-6 | G227A PREP | S-1 | 6 | 50 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G2-G232/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 232-1 | G232 GEN CLASS | S-2 | 8 | 175 | | | - |
| 232-2 | G232 GEN CLASS | S-2 | 8 | 200 | | | - |
| 232-3 | G232 GEN CLASS | S-2 | 8 | 200 | | | - |
| 232-4 | G232 GEN CLASS | S-2 | 8 | 200 | | | - |
| Total | | | | 775 | 0 | 0 | 0% |

**G2-G233/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 233-1 | G233 IDF | S-11 | | 575 | | | - |
| Total | | | | 575 | 0 | 0 | 0% |

**G2-G234/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 234-1 | G234 GEN CLASS | S-2 | 8 | 175 | | | - |
| 234-2 | G234 GEN CLASS | S-2 | 8 | 175 | | | - |
| 234-3 | G234 GEN CLASS | S-2 | 8 | 175 | | | - |
| 234-4 | G234 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 700 | 0 | 0 | 0% |

**G2-G236/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 236-1 | G236 GEN CLASS | S-2 | 8 | 175 | | | - |
| 236-2 | G236 GEN CLASS | S-2 | 8 | 175 | | | - |
| 236-3 | G236 GEN CLASS | S-2 | 8 | 175 | | | - |
| 236-4 | G236 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 700 | 0 | 0 | 0% |

**G2-G239/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 239-1 | G239 GEN CLASS | S-2 | 8 | 175 | | | - |
| 239-2 | G239 GEN CLASS | S-2 | 8 | 175 | | | - |
| 239-3 | G239 GEN CLASS | S-2 | 8 | 175 | | | - |
| 239-4 | G239 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 700 | 0 | 0 | 0% |

**G2-G240/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 240-1 | G240 GEN CLASS | S-2 | 8 | 150 | | | - |
| 240-2 | G240 GEN CLASS | S-2 | 8 | 150 | | | - |
| 240-3 | G240 GEN CLASS | S-2 | 8 | 175 | | | - |
| 240-4 | G240 GEN CLASS | S-2 | 8 | 150 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G2-G241/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 241-1 | G241 GEN CLASS | S-2 | 8 | 150 | | | - |
| 241-2 | G241 GEN CLASS | S-2 | 8 | 150 | | | - |
| 241-3 | G241 GEN CLASS | S-2 | 8 | 150 | | | - |
| 241-4 | G241 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G2-G242/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 242-1 | G242 GEN CLASS | S-2 | 8 | 150 | | | - |
| 242-2 | G242 GEN CLASS | S-2 | 8 | 150 | | | - |
| 242-3 | G242 GEN CLASS | S-2 | 8 | 150 | | | - |
| 242-4 | G242 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G2-G210A 1/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 210A-1 | G218 TECHER BREAKROOM | S-1 | 6 | 75 | | | - |
| 210A-2 | G218 TECHER BREAKROOM | S-1 | 6 | 75 | | | - |
| 210A-3 | G218 TECHER BREAKROOM | S-1 | 6 | 75 | | | - |
| 210A-4 | G218 TECHER BREAKROOM | S-1 | 6 | 100 | | | - |
| Total | | | | 325 | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: AHU/RTU

**Asset: AHU-G3** AREA:FLOOR 3

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | TRANE | TRANE |
| **Serial Num** | - | |
| **Model Num** | CSAA | CSAA021UA |
| **Configuration** | - | |
| **Num PreFilter 1** | - | |
| **PreFilter Size 1** | - | |
| **Num PreFilter 2** | - | |
| **PreFilter Size 2** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 2@ 7.5 |
| **Motor Rpm** | - | 1800 |
| **Phase** | - | 3 |
| **Rated Voltage** | - | 460 |
| **Rated Amperage** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 11000 | |
| **SF RPM** | 2209 | |
| **RA CFM** | 7075 | |
| **OA CFM** | 3925 | |
| **RL Voltage** | 460 | |
| **RL Amperage** | - | |
| **VFD Max SetPt** | - | |
| **VFD Min SetPt** | - | |
| **SF Motor Freq(HZ)** | 75.00 | |
| **SF Flow Station (Kv)** | - | |
| **OA Flow Station (Kv)** | - | |
| **SF System SetPt** | - | |
| **RA Damper Position** | - | |
| **OA Damper Position** | - | |
| **Min OA Damper Position** | - | |
| **Brake Horse Power** | 14.262 | |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Fan Suction SP** | - | |
| **Fan Discharge SP** | - | |
| **Total ESP** | 2.28 | |
| **Fan Total SP** | 5.10 | |

### VAV - Single Duct

**AHU-G3/FLOOR 3**

| 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) |
| G3-G238 | TRANE | VCWF10 | REHEAT | 10 | 900 | | 450 | | 450 | | |
| G3-G308 | TRANE | VCWF14 | REHEAT | 14 | 1700 | | 850 | | 850 | | |
| G3-G309 | TRANE | VCWF04 | REHEAT | 4 | 125 | | 75 | | 100 | | |
| G3-G310 | TRANE | VCWF06 | REHEAT | 6 | 250 | | 125 | | 175 | | |
| G3-G311 | TRANE | VCWF06 | REHEAT | 6 | 325 | | 175 | | 175 | | |
| G3-G324 | TRANE | VCWF10 | REHEAT | 10 | 750 | | 375 | | 375 | | |
| G3-G325 | TRANE | VCWF06 | REHEAT | 6 | 400 | | 200 | | 200 | | |
| G3-G331 | TRANE | VCWF10 | REHEAT | 10 | 625 | | 325 | | 325 | | |
| G3-G332 | TRANE | VCWF10 | REHEAT | 10 | 800 | | 400 | | 400 | | |
| G3-G333 | TRANE | VCWF04 | REHEAT | 4 | 75 | | 40 | | 75 | | |
| G3-G334 | TRANE | VCWF10 | REHEAT | 10 | 700 | | 350 | | 350 | | |
| G3-G335 | TRANE | VCWF10 | REHEAT | 10 | 675 | | 350 | | 350 | | |
| G3-G336 | TRANE | VCWF10 | REHEAT | 10 | 700 | | 350 | | 350 | | |
| G3-G339 | TRANE | VCCF08 | REHEAT | 8 | 575 | | 300 | | 0 | | |
| G3-G341 | TRANE | VCWF10 | REHEAT | 10 | 725 | | 375 | | 375 | | |
| G3-G342 | TRANE | VCWF10 | REHEAT | 10 | 650 | | 325 | | 325 | | |
| G3-G343 | TRANE | VCWF10 | REHEAT | 10 | 650 | | 325 | | 325 | | |
| G3-G330B 1 | TRANE | VCWF06 | REHEAT | 6 | 450 | | 225 | | 225 | | |

### Diffuser Supply (GRD)

**G3-G238/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| Asset Name | Location | Type | Size | DESIGN CFM | CFM(1) | FINAL CFM | % to design |
| 238-1 | G238 2D ART/PHOTOGRAPHY | S-2 | 8 | 175 | | | - |
| 238-2 | G238 2D ART/PHOTOGRAPHY | S-2 | 8 | 200 | | | - |
| 238-3 | G238 2D ART/PHOTOGRAPHY | S-2 | 8 | 200 | | | - |
| 238-4 | G330 PHOTO LAB | S-2 | 8 | 125 | | | - |
| 238-5 | G238 2D ART/PHOTOGRAPHY | S-2 | 8 | 200 | | | - |
| Total | | | | 900 | 0 | 0 | 0% |

**G3-G308/FLOOR 3**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 308-1 | G308 MEDIA CENTER | S-3 | 10 | 200 | | | - |
| 308-2 | G308 MEDIA CENTER | S-3 | 10 | 200 | | | - |
| 308-3 | G308 MEDIA CENTER | S-3 | 10 | 200 | | | - |
| 308-4 | G308 MEDIA CENTER | S-3 | 10 | 200 | | | - |
| 308-5 | G308 MEDIA CENTER | S-3 | 10 | 225 | | | - |
| 308-6 | G308 MEDIA CENTER | S-3 | 10 | 225 | | | - |
| 308-7 | G308 MEDIA CENTER | S-3 | 10 | 225 | | | - |
| 308-8 | G308 MEDIA CENTER | S-3 | 10 | 225 | | | - |
| Total | | | | 1700 | 0 | 0 | 0% |

**G3-G309/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 309-1 | G309 OFFICE | S-2 | 8 | 125 | | | - |
| Total | | | | 125 | 0 | 0 | 0% |

**G3-G310/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 310-1 | G310 TV VIDEO PROD | S-1 | 6 | 75 | | | - |
| 310-2 | G310A TV VIDEO PROD | S-1 | 6 | 175 | | | - |
| Total | | | | 250 | 0 | 0 | 0% |

**G3-G311/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 311-1 | G311 WORKROOM | S-1 | 6 | 225 | | | - |
| 311-2 | G311 WORKROOM | S-1 | 6 | 100 | | | - |
| Total | | | | 325 | 0 | 0 | 0% |

**G3-G324/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 324-1 | G324 MEDIA ARTS | S-2 | 8 | 175 | | | - |
| 324-2 | G324 MEDIA ARTS | S-2 | 8 | 175 | | | - |
| 324-3 | G324A ART STORAGE | S-1 | 6 | 50 | | | - |
| 324-4 | G324 MEDIA ARTS | S-2 | 8 | 175 | | | - |
| 324-5 | G324 MEDIA ARTS | S-2 | 8 | 175 | | | - |
| Total | | | | 750 | 0 | 0 | 0% |

**G3-G325/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 325-1 | G340A WOMEN RR | S-1 | 6 | 75 | | | - |
| 325-2 | G323 COLLAB | S-2 | 8 | 250 | | | - |
| 325-3 | G340B MENS RR | S-1 | 6 | 75 | | | - |
| Total | | | | 400 | 0 | 0 | 0% |

**G3-G331/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 331-1 | G331 BIOLOGY | S-1 | 6 | 100 | | | - |
| 331-2 | G331 BIOLOGY | S-1 | 6 | 75 | | | - |
| 331-3 | G302 CORRIDOR | S-1 | 6 | 100 | | | - |
| 331-4 | G331 BIOLOGY | S-1 | 6 | 100 | | | - |
| 331-5 | G331 BIOLOGY | S-1 | 6 | 75 | | | - |
| 331-6 | G331 BIOLOGY | S-1 | 6 | 100 | | | - |
| 331-7 | G331 BIOLOGY | S-1 | 6 | 75 | | | - |
| Total | | | | 625 | 0 | 0 | 0% |

**G3-G332/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 332-1 | G332 GEN CLASS | S-2 | 8 | 200 | | | - |
| 332-2 | G332 GEN CLASS | S-2 | 8 | 200 | | | - |
| 332-3 | G332 GEN CLASS | S-2 | 8 | 200 | | | - |
| 332-4 | G332 GEN CLASS | S-2 | 8 | 200 | | | - |
| Total | | | | 800 | 0 | 0 | 0% |

**G3-G333/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 333-1 | G333 ART DIRECTOR | S-1 | 6 | 75 | | | - |
| Total | | | | 75 | 0 | 0 | 0% |

**G3-G334/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 334-1 | G334 GEN CLASS | S-2 | 8 | 175 | | | - |
| 334-2 | G334 GEN CLASS | S-2 | 8 | 175 | | | - |
| 334-3 | G334 GEN CLASS | S-2 | 8 | 175 | | | - |
| 334-4 | G334 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 700 | 0 | 0 | 0% |

**G3-G335/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 335-1 | G335 HS PHYSICS | S-1 | 6 | 75 | | | - |
| 335-2 | G335 HS PHYSICS | S-1 | 6 | 100 | | | - |
| 335-3 | G304 CORRIDOR | S-1 | 6 | 100 | | | - |
| 335-4 | G335 HS PHYSICS | S-1 | 6 | 100 | | | - |
| 335-5 | G335 HS PHYSICS | S-1 | 6 | 75 | | | - |
| 335-6 | G335 HS PHYSICS | S-1 | 6 | 100 | | | - |
| 335-7 | G335 HS PHYSICS | S-1 | 6 | 75 | | | - |
| 335-8 | G337 PREP | S-1 | 6 | 50 | | | - |
| Total | | | | 675 | 0 | 0 | 0% |

**G3-G336/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 336-1 | G336 GEN CLASS | S-2 | 8 | 175 | | | - |
| 336-2 | G336 GEN CLASS | S-2 | 8 | 175 | | | - |
| 336-3 | G336 GEN CLASS | S-2 | 8 | 175 | | | - |
| 336-4 | G336 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 700 | 0 | 0 | 0% |

**G3-G339/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 339-1 | G339 IDF | S-11 | | 575 | | | - |
| Total | | | | 575 | 0 | 0 | 0% |

**G3-G341/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 341-1 | G341 GEN CLASS | S-2 | 8 | 175 | | | - |
| 341-2 | G341 GEN CLASS | S-2 | 8 | 175 | | | - |
| 341-3 | G341 GEN CLASS | S-2 | 8 | 200 | | | - |
| 341-4 | G341 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 725 | 0 | 0 | 0% |

**G3-G342/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 342-1 | G342 GEN CLASS | S-2 | 8 | 150 | | | - |
| 342-2 | G342 GEN CLASS | S-2 | 8 | 150 | | | - |
| 342-3 | G342 GEN CLASS | S-2 | 8 | 175 | | | - |
| 342-4 | G342 GEN CLASS | S-2 | 8 | 175 | | | - |
| Total | | | | 650 | 0 | 0 | 0% |

**G3-G343/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 343-1 | G343 MAKER SPACE | S-2 | 8 | 150 | | | - |
| 343-2 | G343 MAKER SPACE | S-2 | 8 | 150 | | | - |
| 343-3 | G343 MAKER SPACE | S-2 | 8 | 175 | | | - |
| 343-4 | G343 MAKER SPACE | S-2 | 8 | 175 | | | - |
| Total | | | | 650 | 0 | 0 | 0% |

**G3-G330B 1/**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 330B-1 | G328A ARTS STORAGE | S-1 | 6 | 50 | | | - |
| 330B-2 | G330B DARK RM/PROC | S-1 | 6 | 100 | | | - |
| 330B-3 | G330B DARK RM/PROC | S-1 | 6 | 100 | | | - |
| 330B-4 | G330B DARK RM/PROC | S-1 | 6 | 100 | | | - |
| 330B-5 | G330A LIGHT TRAP | S-1 | 6 | 100 | | | - |
| Total | | | | 450 | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G1 G128** AREA:G128 CERAMICS RM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1000 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G1 G128/G128 CERAMICS RM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E128-1 | G128 CERAMICS | E-4 | 12 | 850 | | | | - |
| E128-2 | G128A ARTS STORAGE | E-2 | 8 | 150 | | | | - |
| Total | | | | 1000 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G1 G224** AREA:G224 PAINT RM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1000 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G1 G224/G224 PAINT RM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E224-1 | G224A ART STORAGE | E-2 | 8 | 150 | | | | - |
| E224-2 | G224 DRAW/PAINT | E-5 | 14 | 850 | | | | - |
| Total | | | | 1000 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G10 G331** AREA:G331 SCIENCE LAB

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1225 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G10 G331/G331 SCIENCE LAB**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E331-1 | G331 HS BIOLOGY | E-4 | 12 | 625 | | | | - |
| E331-2 | G331 HS BIOLOGY | E-4 | 12 | 625 | | | | - |
| Total | | | | 1250 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G10 G335** AREA:G335 SCIENCE LAB

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1225 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G10 G335/G335 SCIENCE LAB**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E335-1 | G335 HS PHYSICS | E-4 | 12 | 625 | | | | - |
| E335-2 | G335 HS PHYSICS | E-4 | 12 | 625 | | | | - |
| Total | | | | 1250 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G11 G324** AREA:G324 ART ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1000 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G11 G324/G324 ART ROOM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E324-1 | G324 MEDIA ARTS | E-5 | 14 | 850 | | | | - |
| E324-2 | G324A ARTS STORAGE | E-2 | 8 | 150 | | | | - |
| Total | | | | 1000 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G11 G328** AREA:G328 ART ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1000 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G11 G328/G328 ART ROOM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E328-1 | G328A ART STORAGE | E-2 | 8 | 150 | | | | - |
| E328-2 | G328 PHOTOGRAPHY | E-5 | 14 | 850 | | | | - |
| Total | | | | 1000 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G12 G337** AREA:G337 PREP ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.125 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 300 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G12 G337/G337 PREP ROOM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E337-1 | G337 PREP | E-3 | 10 | 300 | | | | - |
| Total | | | | 300 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G13 G330B 1** AREA:G330B PROCESSING LAB

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 1.00 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 2400 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 1.25 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G13 G330B 1/G330B PROCESSING LAB**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E330B-1 | G330B PROCESSING LAB | DUCT | 8 | 1200 | | | | - |
| E330B-2 | G330B PROCESSING LAB | DUCT | 8 | 1200 | | | | - |
| Total | | | | 2400 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G14 G126** AREA:G126 ELECTRIC ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 400 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.125 | |
| **Brake Horse Power** | - | |

### Diffuser Supply (GRD)

**EF-G14 G126/G126 ELECTRIC ROOM**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 126-1 | G126 ELECTRIC | S-11 | | 400 | | | - |
| Total | | | | 400 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**EF-G14 G126/G126 ELECTRIC ROOM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E126-1 | G126 ELECTRIC | E-11 | | 400 | | | | - |
| Total | | | | 400 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G14 G226** AREA:G226 ELECTRIC ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 400 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.125 | |
| **Brake Horse Power** | - | |

### Diffuser Supply (GRD)

**EF-G14 G226/G226 ELECTRIC ROOM**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 226-1 | G226 ELECTRIC | S-11 | | 400 | | | - |
| Total | | | | 400 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**EF-G14 G226/G226 ELECTRIC ROOM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E226-1 | G226 ELECTRIC | E-11 | | 400 | | | | - |
| Total | | | | 400 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G14 G326** AREA:G326 ELECTRIC ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 400 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.125 | |
| **Brake Horse Power** | - | |

### Diffuser Supply (GRD)

**EF-G14 G326/G326 ELECTRIC ROOM**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **CFM(1)** | **FINAL CFM** | **% to design** |
| 326-1 | G326 ELECTRIC | S-11 | | 400 | | | - |
| Total | | | | 400 | 0 | 0 | 0% |

### Diffuser Ret/Exh (GRD)

**EF-G14 G326/G326 ELECTRIC ROOM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E326-1 | G326 ELECTRIC | E-11 | | 400 | | | | - |
| Total | | | | 400 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G2 G131** AREA:G131 SCIENCE LAB

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1050 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G2 G131/G131 SCIENCE LAB**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E131-1 | G131 MS SCIENCE | E-4 | 12 | 625 | | | | - |
| E131-2 | G131 MS SCIENCE | E-4 | 12 | 625 | | | | - |
| Total | | | | 1250 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G2 G136** AREA:G136 SCIENCE LAB

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1050 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G2 G136/G136 SCIENCE LAB**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E136-1 | G136 MS SCIENCE | E-4 | 12 | 625 | | | | - |
| E136-2 | G136 MS SCIENCE | E-4 | 12 | 625 | | | | - |
| Total | | | | 1250 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G3 G228** AREA:G228 FUME HOOD

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 850 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.75 | |
| **Brake Horse Power** | - | |

# National TAB

**Project:CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-G3 G228/G228 FUME HOOD**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E228-1 | G228 PRINTMAKING | DUCT | 14 | 850 | | | | - |
| E228-2 | G228A ART STORAGE | E-2 | 8 | 150 | | | | - |
| Total | | | | 1000 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G3 G124A 1** AREA:G124A FUME HOOD

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 850 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.75 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G3 G124A 1/G124A FUME HOOD**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E124-1 | G124 SCULPTURE | DUCT | 14 | 850 | | | | - |
| Total | | | | 850 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G3 G124B 1** AREA:G124B FUME HOOD

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 850 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.75 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G3 G124B 1/G124B FUME HOOD**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E124B-1 | G124 SCULPTURE | DUCT | 14 | 850 | | | | - |
| Total | | | | 850 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G4 G124C 1** AREA:G124C KILN

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.50 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 600 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.50 | |
| **Brake Horse Power** | - | |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G4 G128B 1** AREA:G128B KILN

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.50 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 600 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.50 | |
| **Brake Horse Power** | - | |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G5 G227** AREA:G227 CHEM RM/FUME HOOD

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.50 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1525 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.75 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G5 G227/G227 CHEM RM/FUME HOOD**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E227-1 | G227 HS CHEMISTRY | DUCT | 14 | 850 | | | | - |
| E227-2 | G227 HS CHEMISTRY | E-4 | 12 | 675 | | | | - |
| Total | | | | 1525 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G6 G227A 1** AREA:G227A PREP RM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.125 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 200 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G6 G227A 1/G227A PREP RM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E227A-1 | G227A PREP | E-3 | 10 | 200 | | | | - |
| Total | | | | 200 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G7 G231** AREA:G231 SCIENCE LAB

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.50 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1225 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G7 G231/G231 SCIENCE LAB**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E231-1 | G231 HS SCIENCE | E-4 | 12 | 600 | | | | - |
| E231-2 | G231 HS SCIENCE | E-4 | 12 | 625 | | | | - |
| Total | | | | 1225 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G8 G133** AREA:G133 PREP RM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.125 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 325 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

# National TAB

**Project:CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-G8 G133/G133 PREP RM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E133-1 | G133 PREP | E-3 | 10 | 325 | | | | - |
| Total | | | | 325 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G8 G229** AREA:G229 PREP RM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | SQN-D VF |
| **Serial Num** | - | |
| **Type** | INLINE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 0.125 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 115 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 325 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 115 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.30 | |
| **Brake Horse Power** | - | |

# National TAB

**Project:CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-G8 G229/G229 PREP RM**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| E229-1 | G229 PREP | E-2 | 8 | 200 | | | | - |
| E229-2 | G227C CHEM STORAGE | E-2 | 8 | 125 | | | | - |
| Total | | | | 325 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Exhaust

**Asset: EF-G9 RR EA 1** AREA:RESTROOMS

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | COOK | COOK |
| **Model Num** | NA | ACRU-D VF |
| **Serial Num** | - | |
| **Type** | CRE | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 1.25 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 1 |
| **Voltage (rated)** | - | 208 |
| **Amperage (rated)** | - | |
| **Service Factor** | - | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 3600 | |
| **Motor Frequency** | - | |
| **System SetPt** | - | |
| **RL Voltage** | 208 | |
| **RL Amperage** | - | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.50 | |
| **Brake Horse Power** | - | |

**Diffuser Ret/Exh (GRD)**

**EF-G9 RR EA 1/RESTROOMS**

| Asset | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **FINAL CFM** | **% to design** |
| RR-1 | G340B MENS RR | E-4 | 12 | 450 | | | | - |
| RR-2 | G329 STAFF RR | E-1 | 6 | 75 | | | | - |
| RR-3 | G340A WOMEN RR | E-4 | 12 | 450 | | | | - |
| RR-4 | G340 CUSTODIAL | E-10 | | 50 | | | | - |
| RR-5 | G237A WOMEN RR | E-4 | 12 | 450 | | | | - |
| RR-6 | G237B MENS RR | E-4 | 12 | 450 | | | | - |
| RR-7 | G235 CUSTODIAL | E-10 | | 50 | | | | - |
| RR-8 | G219 STAFF RR | E-1 | 6 | 75 | | | | - |
| RR-9 | G220B WELLNESS B | E-1 | 6 | 75 | | | | - |
| RR-10 | G220 WELLNESS | E-1 | 6 | 75 | | | | - |
| RR-11 | G220A WELLNESS A | E-1 | 6 | 75 | | | | - |
| RR-12 | G138B MENS RR | E-4 | 12 | 450 | | | | - |
| RR-13 | G138A WOMEN RR | E-4 | 12 | 450 | | | | - |
| RR-14 | G134A EC RR | E-3 | 10 | 150 | | | | - |
| RR-15 | G138 CUSTODIAL | E-10 | | 0 | | | | - |
| RR-16 | G114 UNISEX RR | E-1 | 6 | 75 | | | | - |
| RR-17 | G116 UNISEX RR | E-1 | 6 | 75 | | | | - |
| RR-18 | G142A TLT | E-1 | 6 | 75 | | | | - |
| Total | | | | 3550 | | 0 | 0 | 0% |

# National TAB

**Project: CMS NWSA P2 New Bldg & Reno (Charlotte, NC)**

## System/Unit: FAN - Relief

**Asset: RAF-G1** AREA:AHU-G1,G2,G3 RELIEF

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | NA | COOK |
| **Model Num** | NA | ACE-B |
| **Serial Num** | - | |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | |
| **Frame** | - | |
| **Horsepower** | - | 5.0 |
| **Motor Rpm** | - | 1725 |
| **Phase** | - | 3 |
| **Voltage (rated)** | - | 460 |
| **Amperage (rated)** | - | 7.6 |
| **Service Factor** | - | |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | |
| **Motor Bore Size** | |
| **Fan Sheave Size** | |
| **Fan Sheave Bore** | |
| **Belt CL Distance** | |
| **Num of Belts** | |
| **Belt Size** | |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 15750 | |
| **Relief Fan RPM** | 1725 | |
| **Motor Frequency** | - | |
| **RL Voltage** | 460 | |
| **RL Amperage** | 7.6 | |
| **Suction ESP** | - | |
| **Discharge ESP** | - | |
| **Total ESP** | 0.50 | |
| **Brake Horse Power** | - | |