# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: AHU/RTU

Comfort. Under control.

**Asset: RTU1** AREA:DINING

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | LENNOX | LENNOX |
| **Serial Num** | - | 5622C08920 |
| **Model Num** | LGH-240-H4B | LGH240H4BS4Y |
| **Type** | - | RTU |
| **Configuration** | - | VERTICAL DISCHARGE |
| **Num OA Filters 1** | - | 3 |
| **OA Filter Size 1** | - | 16x24 |
| **Num Final Filter 1** | - | 6 |
| **Final Filter Size 1** | - | 24x24x2 |
| **Num Final Filter 2** | - | N/A |
| **Final Filter Size 2** | - | N/A |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | US MOTORS |
| **Frame** | - | 184TZ |
| **Horsepower** | - | 5 |
| **Motor Rpm** | - | 1765 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 208/230 | 208 |
| **Rated Amperage** | - | 13.8 |

| Drive Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor Sheave Size** | - | 1VP50 |
| **Motor Bore Size** | - | 1 1/8" |
| **Motor Sheave SetPt** | - | 1.0 TURN OPEN |
| **Fan Sheave Size** | - | BK100 |
| **Fan Sheave Bore** | - | 1 3/16" |
| **Belt CL Distance** | - | 20 1/2" |
| **Num of Belts** | - | 1 |
| **Belt Size** | - | BX61 |
| **Belt Alignment** | - | CORRECT |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 6150 | 5908 |
| **SF RPM** | - | 870 |
| **RA CFM** | 4400 | 4119 |
| **OA CFM** | 1750 | 1789 |
| **RL Voltage** | - | 207/209/210 |
| **RL Amperage** | - | 9.7/9.6/9.9 |
| **SF Rotation** | - | CCW |
| **RA Damper Position** | - | 66% |
| **Min OA Damper Position** | - | 34% |
| **Min OA Damper Type** | - | OPPOSED BLADE |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.76" |
| **Fan Suction SP** | - | -1.02" |
| **Fan Discharge SP** | - | 0.51" |
| **Total ESP** | - | 1.27" |
| **Fan Total SP** | - | 1.53" |

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

Completed By: Wesley John

Notes:

FaciliBuild make it easy

# National TAB

**Project:07-11 CULVERS - FULSHEAR, TX**

## AHU/RTU

Comfort. Under control.

### Diffuser Supply (GRD)

**RTU1/DINING**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| SGRD1 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | MAIN ENTRY | SD4 | 8" | 150 | 1.0 | 192 | 202 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 143 | 95.3 | | | | | |
| SGRD2 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | MENS RR | SD4 | 8" | 150 | 1.0 | 252 | 259 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 158 | 105.3 | | | | | |
| SGRD3 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | WOMENS RR | SD4 | 8" | 150 | 1.0 | 228 | 244 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 157 | 104.7 | | | | | |
| SGRD4 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | HALL | SD1 | 12" | 450 | 1.0 | 510 | 537 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 439 | 97.6 | | | | | |
| SGRD5 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 237 | 255 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 152 | 101.3 | | | | | |
| SGRD6 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 139 | 140 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 143 | 95.3 | | | | | |
| SGRD7 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 155 | 166 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 140 | 93.3 | | | | | |
| SGRD8 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 140 | 147 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 137 | 91.3 | | | | | |
| SGRD9 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 152 | 160 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 162 | 108.0 | | | | | |
| SGRD10 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 102 | 108 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 138 | 92.0 | | | | | |
| SGRD11 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 155 | 164 |
| | **FINAL CFM** | **% to design** | | | | | |



FaciliBuild
make it easy

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 160 | 106.7 | | | | | |
| SGRD12 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 114 | 119 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 136 | 90.7 | | | | | |
| SGRD13 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 43 | 45 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 137 | 91.3 | | | | | |
| SGRD14 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DRINKS & CONDIMENTS | SD1 | 10" | 300 | 1.0 | 253 | 275 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 305 | 101.7 | | | | | |
| SGRD15 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | SIDE ENTRY | SD1 | 8" | 150 | 1.0 | 249 | 258 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 157 | 104.7 | | | | | |
| SGRD16 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | CUSTOMER ORDER AREA | SD1 | 12" | 450 | 1.0 | 327 | 339 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 411 | 91.3 | | | | | |
| SGRD17 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 192 | 204 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 153 | 102.0 | | | | | |
| SGRD18 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 215 | 223 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 148 | 98.7 | | | | | |
| SGRD19 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 141 | 143 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 139 | 92.7 | | | | | |
| SGRD20 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 188 | 197 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 157 | 104.7 | | | | | |
| SGRD21 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 179 | 188 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 160 | 106.7 | | | | | |
| SGRD22 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DINING | SD1 | 8" | 150 | 1.0 | 114 | 120 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 137 | 91.3 | | | | | |
| SGRD23 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | CUSTOMER SERVICE | SD1 | 10" | 350 | 1.0 | 328 | 347 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 322 | 92.0 | | | | | |
| SGRD24 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | CUSTOMER SERVICE | SD1 | 10" | 350 | 1.0 | 392 | 408 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 319 | 91.1 | | | | | |
| SGRD25 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |



FaciliBuild make it easy

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | CUSTOMER SERVICE | SD1 | 10" | 350 | 1.0 | 137 | 144 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 328 | 93.7 | | | | | |
| | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| SGRD26 | CUSTOMER SERVICE | SD1 | 10" | 350 | 1.0 | 215 | 223 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 320 | 91.4 | | | | | |
| | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| SGRD27 | DRIVE THRU | SD1 | 12" | 500 | 1.0 | 256 | 267 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 461 | 92.2 | | | | | |
| | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| SGRD28 | OFFICE | SD1 | 8" | 200 | 1.0 | 176 | 182 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 189 | 94.5 | | | | | |

**Completed By:Brianna Biggs on**

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: AHU/RTU

Comfort. Under control.

**Asset: RTU2** AREA:KITCHEN

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | LENNOX | LENNOX |
| **Serial Num** | - | 5622C08912 |
| **Model Num** | LGH-240-H4B | LGH240H4BS4Y |
| **Type** | - | RTU |
| **Configuration** | - | VERTICAL DISCHARGE |
| **Num OA Filters 1** | - | 3 |
| **OA Filter Size 1** | - | 16x24 |
| **Num Final Filter 1** | - | 6 |
| **Final Filter Size 1** | - | 24x24x2 |
| **Num Final Filter 2** | - | N/A |
| **Final Filter Size 2** | - | N/A |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | US MOTORS |
| **Frame** | - | 184TZ |
| **Horsepower** | - | 5 |
| **Motor Rpm** | - | 1765 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 208/230 | 208 |
| **Rated Amperage** | - | 13.8 |

| Drive Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor Sheave Size** | - | 1VP50 |
| **Motor Bore Size** | - | 1 1/8" |
| **Motor Sheave SetPt** | - | 1.0 TURN OPEN |
| **Fan Sheave Size** | - | BK100 |
| **Fan Sheave Bore** | - | 1 3/16" |
| **Belt CL Distance** | - | 20 1/2" |
| **Num of Belts** | - | 1 |
| **Belt Size** | - | BX61 |
| **Belt Alignment** | - | CORRECT |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 6225 | 5849 |
| **SF RPM** | - | 871 |
| **RA CFM** | 4525 | 4102 |
| **OA CFM** | 1700 | 1747 |
| **RL Voltage** | - | 209/210/211 |
| **RL Amperage** | - | 9.0/9.0/9.3 |
| **SF Rotation** | - | CCW |
| **RA Damper Position** | - | 68% |
| **Min OA Damper Position** | - | 32% |
| **Min OA Damper Type** | - | OPPOSED BLADE |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.82" |
| **Fan Suction SP** | - | -1.09" |
| **Fan Discharge SP** | - | 0.53" |
| **Total ESP** | - | 1.35" |
| **Fan Total SP** | - | 1.62" |

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

Completed By: Wesley John

Notes:



FaciliBuild make it easy

# National TAB

**Project:07-11 CULVERS - FULSHEAR, TX**

## AHU/RTU

Comfort. Under control.

### Diffuser Supply (GRD)

**RTU2/KITCHEN**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| SGRD1 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | SUNDAE SERVICE | SD1 | 12" | 600 | 1.0 | 421 | 450 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 572 | 95.3 | | | | | |
| SGRD2 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | SUNDAE SERVICE | SD1 | 12" | 600 | 1.0 | 399 | 453 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 556 | 92.7 | | | | | |
| SGRD3 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | COOKLINE | SD5 | 10" | 275 | 1.0 | 246 | 279 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 269 | 97.8 | | | | | |
| SGRD4 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | COOKLINE | SD5 | 10" | 250 | 1.0 | 146 | 154 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 234 | 93.6 | | | | | |
| SGRD5 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | FOOD PREP | SD5 | 12" | 400 | 1.0 | 421 | 449 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 387 | 96.8 | | | | | |
| SGRD6 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | FOOD PREP | SD5 | 12" | 400 | 1.0 | 147 | 161 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 381 | 95.3 | | | | | |
| SGRD7 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | COOKLINE | SD5 | 12" | 375 | 1.0 | 72 | 80 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 348 | 92.8 | | | | | |
| SGRD8 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | COOKLINE | SD5 | 10" | 200 | 1.0 | 546 | 583 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 188 | 94.0 | | | | | |
| SGRD9 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | FOOD PREP | SD5 | 12" | 350 | 1.0 | 508 | 546 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 342 | 97.7 | | | | | |
| SGRD10 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DISHWASHING | SD5 | 12" | 350 | 1.0 | 684 | 735 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 330 | 94.3 | | | | | |
| SGRD11 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DISHWASHING | SD5 | 12" | 350 | 1.0 | 413 | 443 |
| | **FINAL CFM** | **% to design** | | | | | |



FaciliBuild
make it easy

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 329 | 94.0 | | | | | |
| SGRD12 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | EMPLOYEE RR | SD4 | 12" | 75 | 1.0 | 90 | 101 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 72 | 96.0 | | | | | |
| SGRD13 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DRY GOODS | SD1 | 12" | 600 | 1.0 | 241 | 261 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 549 | 91.5 | | | | | |
| SGRD14 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DRY GOODS | SD1 | 10" | 200 | 1.0 | 332 | 373 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 189 | 94.5 | | | | | |
| SGRD15 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | DRY GOODS | SD1 | 12" | 600 | 1.0 | 381 | 426 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 556 | 92.7 | | | | | |
| SGRD16 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | UTILITY ROOM | SD1 | 12" | 600 | 1.0 | 302 | 385 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 547 | 91.2 | | | | | |

**Completed By:Brianna Biggs on**

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: FAN - Exhaust

Comfort. Under control.

**Asset: EF-A1** AREA:MOP ROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | ACCUREX |
| **Model Num** | XCR-B80 | XCR-B80 |
| **Serial Num** | - | 19862130 |
| **Type** | CEILING | CENTRIFUGAL |
| **Configuration** | VERTICAL | CEILING |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | GREENHECK |
| **Frame** | - | NL |
| **Horsepower** | - | NL |
| **Motor Rpm** | 900 | 900 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 0.16 |
| **Service Factor** | - | NL |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 75 | 69 |
| **Fan RPM** | 885 | 900 |
| **Fan Rotation** | - | CW |
| **Motor RPM** | - | 900 |
| **System SetPt** | - | MEDIUM |
| **RL Voltage** | - | 117 |
| **RL Amperage** | - | 0.11 |
| **Total ESP** | 0.125" | NA |
| **Fan Inlet SP** | - | N/A |
| **Fan Discharge SP** | - | NA |

Completed By: Wesley John

Notes:

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: FAN - Exhaust

Comfort. Under control.

**Asset: EF-A1** AREA:EMPLOYEE RESTROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | BROAN |
| **Model Num** | XCR-B80 | AE80BL-B |
| **Serial Num** | - | NL |
| **Type** | CEILING | CENTRIFUGAL |
| **Configuration** | VERTICAL | CEILING |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | NL |
| **Frame** | - | NL |
| **Horsepower** | - | NL |
| **Motor Rpm** | 900 | NL |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 120 |
| **Amperage (rated)** | - | 0.5 |
| **Service Factor** | - | NL |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 75 | 73 |
| **Fan RPM** | 885 | DIRECT DRIVE |
| **Fan Rotation** | - | CW |
| **Motor RPM** | - | DIRECT DRIVE |
| **System SetPt** | - | SINGLE SPEED |
| **RL Voltage** | - | 118 |
| **RL Amperage** | - | 0.34 |
| **Total ESP** | 0.125" | N/A |
| **Fan Inlet SP** | - | NA |
| **Fan Discharge SP** | - | N/A |

Completed By: Wesley John

Notes:

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: FAN - Exhaust

Comfort. Under control.

**Asset: PRV1** AREA:RESTROOM

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | ACCUREX |
| **Model Num** | XRED-095-D | XRED-090-VG-1-17-X |
| **Serial Num** | - | 19872570 |
| **Type** | DOWNBLAST | CENTRIFUGAL |
| **Configuration** | HORIZONTAL | DOWNBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | BROAD-OCEAN |
| **Frame** | - | NL |
| **Horsepower** | 0.0667 | 0.10 |
| **Motor Rpm** | 1550 | 1750 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 115 | 115 |
| **Amperage (rated)** | - | 1.38 |
| **Service Factor** | - | NL |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 300 | 285 |
| **Fan RPM** | 1479 | DIRECT DRIVE |
| **Fan Rotation** | - | CW |
| **Motor RPM** | - | DIRECT DRIVE |
| **System SetPt** | - | 6/10 |
| **RL Voltage** | - | 119 |
| **RL Amperage** | - | 1.0 |
| **Total ESP** | 0.5" | 0.32" |
| **Fan Inlet SP** | - | -0.32" |
| **Fan Discharge SP** | - | ATM |

Completed By: Wesley John

Notes:



FaciliBuild make it easy

# National TAB

**Project:07-11 CULVERS - FULSHEAR, TX**

## FAN - Exhaust

Comfort. Under control.

### Diffuser Ret/Exh (GRD)

**PRV1/RESTROOM**

| Asset | | | | | | | |
|---|---|---|---|---|---|---|---|
| EGRD1 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | MENS RR | EG1 | 10X10 | 150 | 1.0 | 152 | 222 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 140 | 93.3 | | | | | |
| EGRD2 | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** |
| | WOMENS RR | EG1 | 10X10 | 150 | 1.0 | 303 | 234 |
| | **FINAL CFM** | **% to design** | | | | | |
| | 145 | 96.7 | | | | | |

**Completed By:Brianna Biggs on**

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: FAN - Exhaust

Comfort. Under control.

**Asset: PRV2** AREA:HD1 GRIDDLE

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | ACCUREX |
| **Model Num** | XRUB-160XP-15 | XRUB-160XP-15-1-26-G |
| **Serial Num** | - | 19873047 |
| **Type** | UPLBAST | CENTRIFUGAL |
| **Configuration** | VERTICAL | UPBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | WEG |
| **Frame** | - | NA |
| **Horsepower** | 1.5 | 1.5 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 3 | 3 |
| **Voltage (rated)** | 208 | 208 |
| **Amperage (rated)** | - | NA |
| **Service Factor** | - | NA |

| Drive Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor Sheave Size** | - | 4" |
| **Motor Bore Size** | - | 5/8" |
| **Motor Sheave SetPt** | - | 1.0 TURN OPEN |
| **Fan Sheave Size** | - | AK30 |
| **Fan Sheave Bore** | - | 1" |
| **Belt CL Distance** | - | 6 1/4" |
| **Num of Belts** | - | 1 |
| **Belt Size** | - | AX24 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1500 | 1579 |
| **Fan RPM** | 2411 | 2277 |
| **Fan Rotation** | - | CW |
| **Motor RPM** | - | 1772 |
| **RL Voltage** | - | 213/211/211 |
| **RL Amperage** | - | 3.7/3.5/3.5 |
| **Suction ESP** | - | -2.04" |
| **Discharge ESP** | - | ATM |
| **Total ESP** | 2.337" | 2.04" |

Completed By: Wesley John

Notes:

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: FAN - Exhaust

Comfort. Under control.

**Asset: PRV3** AREA:HD2 FRYER

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | ACCUREX |
| **Model Num** | XRUB-140-7 | XRUB-140-7-1-26-G |
| **Serial Num** | - | 19873403 |
| **Type** | UPBLAST | CENTRIFUGAL |
| **Configuration** | VERTICAL | UPBLAST |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor MFG** | - | WEG |
| **Frame** | - | 56 |
| **Horsepower** | 0.75 | 0.75 |
| **Motor Rpm** | 1725 | 1725 |
| **Phase** | 3 | 3 |
| **Voltage (rated)** | 208 | 208 |
| **Amperage (rated)** | - | 2.54 |
| **Service Factor** | - | 1.00 |

| Drive Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Motor Sheave Size** | - | VP34 |
| **Motor Bore Size** | - | 5/8" |
| **Motor Sheave SetPt** | - | 5.0 TURNS OPEN |
| **Fan Sheave Size** | - | AK41 |
| **Fan Sheave Bore** | - | 3/4" |
| **Belt CL Distance** | - | 5" |
| **Num of Belts** | - | 1 |
| **Belt Size** | - | AP23 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1500 | 1607 |
| **Fan RPM** | 1377 | 1013 |
| **Fan Rotation** | - | CW |
| **Motor RPM** | - | 1783 |
| **RL Voltage** | - | 213/212/211 |
| **RL Amperage** | - | 1.5/1.7/1.8 |
| **Suction ESP** | - | -0.83" |
| **Discharge ESP** | - | ATM |
| **Total ESP** | 1.0" | 0.83" |

Completed By: Wesley John

Notes:

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: Kitchen Hood Type I

Comfort. Under control.

**Asset: HD1** AREA:GRIDDLE

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | ACCUREX |
| **Model Num** | XGEP-64-S | XGEP-64.00-S |
| **Job / Serial Num** | - | 19856085 |
| **Type** | TYPE I LOW PROXIMITY | TYPE I LOW PROXIMITY |
| **Hood length** | 64" | 64 |
| **Hood Width** | 23" | 23 |

| Test Data Exhaust | | |
|---|---|---|
| | **Design** | **Actual** |
| **Filter Type** | GREASE GRABBER | GREASE GRABBER |
| **Filter Size 1** | 16X16 | 16x16 |
| **Filter Qty 1** | 4 | 4 |
| **Filter AK factor size 1** | 1.53 | 1.53 |
| **Filter Total AK Area** | 6.12 | 6.12 |
| **Filter1 FPM** | - | 301 |
| **Filter2 FPM** | - | 218 |
| **Filter3 FPM** | - | 230 |
| **Filter4 FPM** | - | 283 |
| **Filter Ave FPM(corr)** | - | 258 |
| **CFM** | - | 1579 |

| Cooking Equipment | | |
|---|---|---|
| | **Design** | **Actual** |
| **Item 1** | - | GRIDDLE |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Smoke Generation Type** | - | 45 SECOND SMOKE CARTRIDGE |
| **Hood Capture %** | - | 100 |
| **End Panels Installed (Y/N)** | - | YES |

| General | | |
|---|---|---|
| | **Design** | **Actual** |
| **Third Party Witness** | - | ROB BRUSS |
| **Third Party Company** | - | CAMPBELL CONSTRUCTION |
| **Tech Witness** | - | WESLEY JOHN |

Completed By: Wesley John

Notes:

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



FaciliBuild make it easy

# National TAB

**Project: 07-11 CULVERS - FULSHEAR, TX**

## System/Unit: Kitchen Hood Type I

Comfort. Under control.

**Asset: HD2** AREA:FRYER

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | ACCUREX | ACCUREX |
| **Model Num** | XXEP-83-S | XXEP-83.00-S |
| **Job / Serial Num** | - | 19856078 |
| **Type** | TYPE I LOW PROXIMITY | TYPE I LOW PROXIMITY |
| **Hood length** | 83" | 83 |
| **Hood Width** | 23" | 23 |

| Test Data Exhaust | | |
|---|---|---|
| | **Design** | **Actual** |
| **Filter Type** | X-TRACTOR | X-TRACTOR |
| **Filter Size 1** | 16X16 | 16x16 |
| **Filter Qty 1** | 5 | 5 |
| **Filter AK factor size 1** | 1.53 | 1.53 |
| **Filter Total AK Area** | 7.65 | 7.65 |
| **Filter1 FPM** | - | 230 |
| **Filter2 FPM** | - | 199 |
| **Filter3 FPM** | - | 193 |
| **Filter4 FPM** | - | 191 |
| **Filter5 FPM** | - | 238 |
| **Filter Ave FPM(corr)** | - | 210 |
| **CFM** | - | 1607 |

| Cooking Equipment | | |
|---|---|---|
| | **Design** | **Actual** |
| **Item 1** | - | FRYERS |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Smoke Generation Type** | - | 45 SECOND SMOKE CARTRIDGE |
| **Hood Capture %** | - | 100 |
| **End Panels Installed (Y/N)** | - | YES |

| General | | |
|---|---|---|
| | **Design** | **Actual** |
| **Third Party Witness** | - | ROB BRUSS |
| **Third Party Company** | - | CAMPBELL CONSTRUCTION |
| **Tech Witness** | - | WESLEY JOHN |

Completed By: Wesley John

Notes:

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



FaciliBuild make it easy