



# National TAB

Project: 10-07-24 ROOM & BOARD AUSTIN, TX (REVIVE)

## System/Unit: AHU/RTU



Asset: AHU1

AREA:FRONT SALES

| Unit Data           |          |              |
|---------------------|----------|--------------|
|                     | Design   | Actual       |
| MFG                 | TRANE    | TRANE        |
| Serial Num          | -        | 16235YFFWA   |
| Model Num           | NA       | TWE180E300AA |
| Type                | AHU      | AHU          |
| Configuration       | VERTICAL | HORIZONTAL   |
| Num OA Filters 1    | -        | N/A          |
| OA Filter Size 1    | -        | N/A          |
| Num Final Filter 1  | -        | 8            |
| Final Filter Size 1 | -        | 15X20X2      |

| Motor Data     |        |          |
|----------------|--------|----------|
|                | Design | Actual   |
| Motor MFG      | -      | MARATHON |
| Frame          | -      | NL       |
| Horsepower     | -      | 3        |
| Motor Rpm      | -      | 1725     |
| Phase          | 3      | 3        |
| Rated Voltage  | 460    | 460      |
| Rated Amperage | -      | 4.6      |

| Drive Data         |              |
|--------------------|--------------|
|                    | Actual       |
| Motor Sheave Size  | 1VP40        |
| Motor Bore Size    | 3/4"         |
| Motor Sheave SetPt | 3 TURNS OPEN |
| Fan Sheave Size    | AK90         |
| Fan Sheave Bore    | 1 1/2"       |
| Belt CL Distance   | 20"          |
| Num of Belts       | 1            |
| Belt Size          | B-58         |
| Belt Alignment     | CORRECT      |

| Test Data              |        |               |
|------------------------|--------|---------------|
|                        | Design | Actual        |
| SF CFM                 | 5000   | 5186          |
| SF RPM                 | -      | 718           |
| RA CFM                 | 1910   | 4779          |
| OA CFM                 | 1290   | 407           |
| RL Voltage             | -      | 483/480/482   |
| RL Amperage            | -      | 4.2/4.1/4.3   |
| SF Rotation            | -      | CCW           |
| RA Damper Position     | -      | 100%          |
| Min OA Damper Position | -      | 10%           |
| Min OA Damper Type     | -      | OPPOSED BLADE |

| Performance Data |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| MA Plenum SP     | -      | -0.33" |
| Fan Suction SP   | -      | -0.39" |
| Fan Discharge SP | -      | 0.44"  |
| Total ESP        | 0.50"  | 0.77"  |
| Fan Total SP     | 0.50"  | 0.83"  |

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

Completed By: Wesley John on 10/18/2024

Notes:  
OUTSIDE AIR KEPT LOWER THAN DESIGN TO PREVENT OVER PRESSURIZATION OF SPACE.

Written By: Wesley John on 10/18/2024



# National TAB

Project: 10-07-24 ROOM & BOARD AUSTIN, TX (REVIVE)

## System/Unit: AHU/RTU



Asset: AHU2

AREA:BACK SALES/BOH

| Unit Data           |            |              |
|---------------------|------------|--------------|
|                     | Design     | Actual       |
| MFG                 | TRANE      | TRANE        |
| Serial Num          | -          | 16253ME8BA   |
| Model Num           | NA         | TWE120E300AC |
| Type                | AHU        | AHU          |
| Configuration       | HORIZONTAL | HORIZONTAL   |
| Num OA Filters 1    | -          | N/A          |
| OA Filter Size 1    | -          | N/A          |
| Num Final Filter 1  | -          | 4            |
| Final Filter Size 1 | -          | 16X25X1      |

| Motor Data     |        |        |
|----------------|--------|--------|
|                | Design | Actual |
| Motor MFG      | -      | (1)    |
| Frame          | -      | (1)    |
| Horsepower     | -      | (1)    |
| Motor Rpm      | -      | (1)    |
| Phase          | 3      | 3      |
| Rated Voltage  | 460    | 460    |
| Rated Amperage | -      | (1)    |

| Drive Data         |              |
|--------------------|--------------|
|                    | Actual       |
| Motor Sheave Size  | 1VP40        |
| Motor Bore Size    | 3/4"         |
| Motor Sheave SetPt | 2 TURNS OPEN |
| Fan Sheave Size    | AK80         |
| Fan Sheave Bore    | 1"           |
| Belt CL Distance   | 17 1/2"      |
| Num of Belts       | 1            |
| Belt Size          | A50          |
| Belt Alignment     | CORRECT      |

| Test Data              |        |             |
|------------------------|--------|-------------|
|                        | Design | Actual      |
| SF CFM                 | 3000   | 2941        |
| SF RPM                 | -      | 754         |
| RA CFM                 | 3795   | 2631        |
| OA CFM                 | 1205   | 310         |
| RL Voltage             | -      | 476/478/474 |
| RL Amperage            | -      | 2.8/2.8/2.9 |
| SF Rotation            | -      | CCW         |
| RA Damper Position     | -      | 100%        |
| Min OA Damper Position | -      | 10%         |
| Min OA Damper Type     | -      | MANUAL      |

| Performance Data |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| MA Plenum SP     | -      | -0.29" |
| Fan Suction SP   | -      | -0.27" |
| Fan Discharge SP | -      | 0.33"  |
| Total ESP        | 0.50   | 0.62"  |
| Fan Total SP     | 0.50"  | 0.60"  |

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

Completed By: Wesley John on 10/18/2024

Notes:  
 (1). MOTOR DATA TAG NOT ACCESIBLE.  
 OUTSIDE AIR KEPT LOWER THAN DESIGN TO PREVENT OVER PRESSURIZATION OF SPACE.

Written By: Wesley John on 10/18/2024



# National TAB

Project: 10-07-24 ROOM & BOARD AUSTIN, TX (REVIVE)

System/Unit: FAN - Exhaust



Asset: EF1

AREA:RESTROOMS

| Unit Data     |             |             |
|---------------|-------------|-------------|
|               | Design      | Actual      |
| MFG           | GREENHECK   | COOK        |
| Model Num     | SQ-85-VG    | 90 SQN      |
| Serial Num    | -           | 287SG48403  |
| Type          | CENTRIFUGAL | CENTRIFUGAL |
| Configuration | INLINE      | INLINE      |

| Test Data        |        |              |
|------------------|--------|--------------|
|                  | Design | Actual       |
| CFM              | 375    | 394          |
| Fan RPM          | -      | DIRECT DRIVE |
| Fan Rotation     | -      | CCW          |
| Motor RPM        | -      | DIRECT DRIVE |
| System SetPt     | -      | SINGLE SPEED |
| RL Voltage       | -      | [1]          |
| RL Amperage      | -      | [1]          |
| Total ESP        | 0.40"  | 0.37"        |
| Fan Inlet SP     | -      | -0.24"       |
| Fan Discharge SP | -      | 0.13"        |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | NL     |
| Frame            | -      | NL     |
| Horsepower       | -      | 0.167  |
| Motor Rpm        | -      | 1725   |
| Phase            | 1      | 1      |
| Voltage (rated)  | 120    | 115    |
| Amperage (rated) | -      | NL     |
| Service Factor   | -      | NL     |

Completed By: Wesley John on 10/18/2024

Notes:

[1] UNABLE TO ACCESS TO MEASURE MOTOR AMPERAGE AND VOLTAGE.

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