



National TAB

Project: Madeira HS Gym HVAC Repl (Cincinnati, OH)
Address: 7465 Loannes Dr Cincinnati, OH 45243

Asset: RTU-1A

| Unit Data | |
|-------------------|--------------------|
| Manufacturer | CARRIER |
| Model Num | 50FC-M28B2A6-3F2A0 |
| Serial Num | 1423P21395 |
| Configuration | VERTIAL |
| Num Return Filter | 9 |
| Final Return Size | 20x25x2 |

| Motor Data | |
|----------------|------|
| Horsepower | 10 |
| Phase | 3 |
| Rated Voltage | 460 |
| Rated Amperage | 3.5 |
| Service Factor | 1.15 |

| Test Data | | |
|--------------------|--------|-------------|
| | Design | Actual |
| SF CFM | 10000 | 9896 |
| RA CFM | 8000 | 7770 |
| OA CFM | 2000 | 2126 |
| RL VOLTAGE | 460 | 475/472/474 |
| RL AMPERAGE | 3.5 | 3.0/3.2/2.9 |
| OA Damper Position | | 33% |
| Brake Horsepower | 4.3 | 8.85 |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Mixed Air SP | | -0.36 |
| Fan Suction SP | | -0.77 |
| Fan Discharge SP | | 0.35 |
| Fan Total SP | 0.6 | 1.12 |
| Total ESP | 0.50 | 0.71 |



National TAB

Project: Madeira HS Gym HVAC Repl (Cincinnati, OH)
Address: 7465 Loannes Dr Cincinnati, OH 45243

Asset: RTU-1B

| Unit Data | |
|-------------------|--------------------|
| Manufacturer | CARRIER |
| Model Num | 50FC-M28B2A6-3F2A0 |
| Serial Num | 1423P21396 |
| Configuration | VERTIAL |
| Num Return Filter | 9 |
| Final Return Size | 20x25x2 |

| Motor Data | |
|----------------|------|
| Horsepower | 10 |
| Phase | 3 |
| Rated Voltage | 460 |
| Rated Amperage | 3.5 |
| Service Factor | 1.15 |

| Test Data | | |
|--------------------|--------|-------------|
| | Design | Actual |
| SF CFM | 10000 | 9642 |
| RA CFM | 8000 | 7723 |
| OA CFM | 2000 | 1919 |
| RL VOLTAGE | 460 | 469/471/473 |
| RL AMPERAGE | 3.5 | 3.3/3.2/3.1 |
| OA Damper Position | | 1.25" |
| Brake Horsepower | | 9.2 |

| Performance Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Mixed Air SP | | -0.33 |
| Fan Suction SP | | -0.59 |
| Fan Discharge SP | | 0.25 |
| Fan Total SP | 0.6 | 0.84 |
| Total ESP | 0.50 | 0.58 |

