

Report By:

National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246



Report: SG

Function: Test, Adjust, & Balance

Date: 09/15/2023

PROJECT

Dayton Children's Hospital (Dayton, OH)

1 Childrens Plaza

Dayton, OH 45404

Client

Cinfab, LLC

5240 Lester Road

Cincinnati, OH 45213

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

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National TAB

Project: Dayton Children's Hospital (Dayton, OH)

System/Unit: FAN - Exhaust

Asset: EF-172

AREA:6-4324

| Unit Data | | |
|------------|--------|-------------|
| | Design | Actual |
| MFG | NA | GREENHECK |
| Model Num | NA | FJI-24-BI-X |
| Serial Num | - | 19420346 |
| Type | - | FUME |

| Motor Data | | |
|------------------|--------|--------|
| | Design | Actual |
| Motor MFG | - | BALDOR |
| Frame | - | 256T |
| Horsepower | 20.0 | 20 |
| Motor Rpm | 1725 | 1765 |
| Phase | 3 | 3 |
| Voltage (rated) | 460 | 460 |
| Amperage (rated) | - | 24 |
| Service Factor | - | 1.15 |

| Drive Data | | |
|--------------------|--------|----------|
| | Design | Actual |
| Motor Sheave Size | - | 6.5" |
| Motor Bore Size | - | 1 5/8" |
| Motor Sheave SetPt | - | FIXED |
| Fan Sheave Size | - | 6" |
| Fan Sheave Bore | - | 1 15/16" |
| Belt CL Distance | - | 19.5" |
| Num of Belts | - | 4 |
| Belt Size | - | BP56 |

| Test Data | | |
|-------------------|--------|----------|
| | Design | Actual |
| CFM | 7830 | 7784 |
| Fan RPM | 1807 | 44HZ |
| RL Voltage | - | 281 VFD |
| RL Amperage | - | 12.0 VFD |
| Suction ESP | - | -2.43" |
| Discharge ESP | - | 0.12" |
| Total ESP | 6.0" | 2.55" |
| Brake Horse Power | - | 10 |

Completed By: Tyler Youells on 01/05/2023