

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)

Table Of Contents

Section	Page #
FAN - Exhaust	3



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	4404
Fan RPM	1807	27.4HZ
RL Voltage	-	150V
RL Amperage	-	7.75A
Suction ESP	-	-1.39"
Discharge ESP	-	0.06"
Total ESP	6.0"	1.45"
Brake Horse Power	-	6.46

Completed By: Tyler Youells on 01/05/2023