

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 #
Pump	3



National TAB

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

System/Unit: Pump

Asset: HWP-63

AREA:AHU-63

Unit Data		
	Design	Actual
MFG	na	GRUNDFOS
Model Num	na	VL25709
Service	-	AHU63 HW COIL
Configuration	-	INLINE
Pump RPM	-	1760
GPM/HD	125-25	125-25
Impeller Diameter	5.66	5.66

Test Data		
	Design	Actual
Final Suction Pres (FT)	-	21.3FT
Final Discharge Pres (FT)	-	44.8FT
Total Head Pres (FT)	-	23.5FT
Final GPM	-	128.9
Motor Frequency	-	60
RL Voltage	-	474/472/473
RL Amperage	-	1.2/1.2/1.3
Brake Horse Power	-	0.89

Motor Data		
	Design	Actual
Frame	-	145
Horsepower	-	1.5
Phase	-	3
Voltage	-	460
Amperage	-	2.2
Service Factor	-	1.15
Efficiency	-	0.66
Power Factor	-	0.80



National TAB

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

System/Unit: Pump

Asset: HWP-64

AREA:AHU-64

Unit Data		
	Design	Actual
MFG	na	GRUNDFOS
Model Num	na	VL25709
Service	-	AHU-64 HW COIL
Configuration	-	INLINE
Pump RPM	-	1760
GPM/HD	125-25	125-25
Impeller Diameter	5.66	5.66

Test Data		
	Design	Actual
Final Suction Pres (FT)	-	16.5FT
Final Discharge Pres (FT)	-	40.6FT
Total Head Pres (FT)	-	24.1FT
Final GPM	-	127.3
Motor Frequency	-	60
RL Voltage	-	472/473/473
RL Amperage	-	1.8/1.5/1.6
Brake Horse Power	-	1.08

Motor Data		
	Design	Actual
Frame	-	145
Horsepower	-	1.5
Phase	-	3
Voltage	-	460
Amperage	-	2.2
Service Factor	-	1.15
Efficiency	-	0.66
Power Factor	-	0.80