

Report By:

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



**Report: test_1
Function: Test, Adjust, & Balance
Date: 06/07/2023**

PROJECT

Dayton Children's Hospital (Dayton, OH)

1 Childrens Plaza

Dayton, OH 45404

Client

Cinfab, LLC
5240 Lester Road
Cincinnati, OH 45213

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

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

System/Unit: Boiler



Comfort. Under control.

Asset: BLR-26

AREA:PENTHOUSE

Unit Data		
	Design	Actual
MFG	NA	LOCHINVAR
Model Num	NA	FBN0751
Serial Num	-	2142 126561835

Test Data		
	Design	Actual
GPM	-	37.8

Completed By: Nick Payne on 12/23/2022

Notes: DESIGN GPM 35

Date: 01/13/2023

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

System/Unit: Boiler



Comfort. Under control.

Asset: BLR-27

AREA:PENTHOUSE

Unit Data

	Design	Actual
MFG	NA	LOCHINVAR
Model Num	NA	FBN1001
Serial Num	-	2142 126561833

Test Data

	Design	Actual
GPM	-	68.2

Completed By: Nick Payne on 12/23/2022

Notes: DESIGN GPM 70

Date: 01/13/2023

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

System/Unit: Boiler



Comfort. Under control.

Asset: BLR-28

AREA:PENTHOUSE

Unit Data

	Design	Actual
MFG	NA	LOCHINVAR
Model Num	NA	FBN1001
Serial Num	-	2142 126561834

Test Data

	Design	Actual
GPM	-	71.5

Completed By: Nick Payne on 12/23/2022

Notes: DESIGN GPM 70

Date: 01/13/2023

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

System/Unit: Chiller



Comfort. Under control.

Asset: CH-11

AREA:ROOF

Unit Data		
	Design	Actual
MFG	NA	YORK
Model Num	NA	YVAA0308EVB46BAVB
Serial Num	-	11552N13694871
Type	SCREW	CHILLER

Test Data-Evaporator		
	Design	Actual

Completed By: Nick Payne on 12/22/2022

Notes: No ports to sample pressure drop *

Date: 12/23/2022

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

System/Unit: Chiller



Comfort. Under control.

Asset: CH-12

AREA:ROOF

Unit Data

	Design	Actual
MFG	NA	YORK
Model Num	NA	YVAA0308EVV46BAVB
Serial Num	-	11552N13694870
Type	SCREW	SCREW

Test Data-Evaporator

	Design	Actual
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Completed By: Nick Payne on 12/23/2022

Notes: No ports to sample pressure drop *

Date: 12/23/2022

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



Comfort. Under control.

Circuit Setter

HW CS/

Asset							
Asset Name	Size	Type	Design GPM	Setting	Delta P	Final GPM	% to Design
CS-1	4"	MANUAL	126.0	7.5	0.55	124.1	98.5
CS-2	4"	MANUAL	126.0	8.0	0.48	120.8	95.9

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



Circuit Setter

CHW CS/

Asset							
Asset Name	Size	Type	Design GPM	Setting	Delta P	Final GPM	% to Design
CS1	3	MANUAL	82	8.0	0.313	77.71	94.8
CS2	3	MANUAL	83	8.0	0.327	79.39	95.7
CS3	3	MANUAL	82	8.0	0.317	78.14	95.2
CS4	3	MANUAL	83	8.0	0.346	81.66	98.4
CS5	3	MANUAL	82	8.0	0.366	83.98	102.4
CS6	3	MANUAL	83	8.0	0.404	88.23	106.3
CS7	3	MANUAL	82	8.0	0.372	84.72	103.3
CS8	3	MANUAL	83	8.0	0.375	85.04	102.4
CS9	3	MANUAL	82	8.0	0.399	87.81	107.1
CS10	3	MANUAL	83	8.0	0.349	82.1	98.9
CS11	3	MANUAL	82	8.0	0.391	86.81	105.9
CS12	3	MANUAL	83	8.0	0.376	85.10	102.5