Report By:

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

NATIONAL TAB

Comfort. Under control.

Report: **Test**
Function: **Test, Adjust, & Balance**
Date: **12/15/2022**

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

Comfort. Under control.

VAV - Single Duct

AHU-63/6-6503

Asset									
Asset Name	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
63-1-10	VAV	7"	430	417	410	409	410	413	933.4
63-1-11	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	VAV	6"	140	138	80	82	80	81	477.6
63-1-01	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02		24"	2420		2420		2180		
63-1-03	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	VAV	6"	245	243	70	72	125	129	484.6
63-2-10	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14		24"	3500		1000		2275		
63-2-15	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	VAV	6"	300		300		300		
63-2-19	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	VAV	3"	200	196	150	153	150	153	535.2
63-2-01	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04		9"	650		650		650		
63-2-05	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	VAV	6"	175		165		165		422.8
63-3-01	VAV	10"	770	806	510	512	510	518	1381.8

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63-1-11	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	VAV	6"	140	138	80	82	80	81	477.6
63-1-01	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02		24"	2420		2420		2180		
63-1-03	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	VAV	6"	245	243	70	72	125	129	484.6
63-2-10	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14		24"	3500		1000		2275		
63-2-15	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	VAV	6"	300		300		300		
63-2-19	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	VAV	3"	200	196	150	153	150	153	535.2
63-2-01	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04		9"	650		650		650		
63-2-05	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	VAV	6"	175		165		165		422.8
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63-1-17	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	VAV	6"	140	138	80	82	80	81	477.6
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63-1-05	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	VAV	6"	245	243	70	72	125	129	484.6
63-2-10	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14		24"	3500		1000		2275		
63-2-15	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	VAV	6"	300		300		300		
63-2-19	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	VAV	3"	200	196	150	153	150	153	535.2
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Asset	Notes
63-2-09	NOT ABLE TO ACHIEVE CFM WITH DAMPER AT 100% FURTHER INVESTIGATION NEEDED.