Report By:

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

Report: progress report

Function: Test, Adjust, & Balance

Date: 12/17/2025

Completed By: National TAB

PROJECT

Cincinnati State HPB (Cincinnati, OH)

3520 Central Parkway

Cincinnati, OH 45223

Client

Geiler HVAC & Controls

6561 Glenway Ave

Cincinnati, OH 45211

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

Table Of Contents

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: AHU/RTU

Asset: AHU-1 AREA:

Unit Data	
	Actual
MFG	NA
Serial Num	
Model Num	NA

Motor Data	
	Actual
Horsepower	
Phase	
Rated Voltage	
Rated Amperage	

Test Data	
	Actual
SF CFM	
RA CFM	
OA CFM	
RL Voltage	
RL Amperage	

Performance Data	
	Actual
MA Plenum SP	
Fan Suction SP	
Fan Discharge SP	
Total ESP	
Fan Total SP	

National TAB

Project:Cincinnati State HPB (Cincinnati, OH)

AHU/RTU

VAV - Single Duct

AHU-1/

Asset											
Asset Name	**MFG**	**Model Num**	**Type**	**Inlet Size**	**Design Max CFM**	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
VAV-002	PRICE	SDV	REHEAT	16	2700	2739	1000	1022	1350	1386	0.767
VAV-003	PRICE	SDV	REHEAT	10	1000		600		800		
VAV-004	PRICE	SDV	REHEAT	12	1500		450		850		
VAV-006	PRICE	SDV	REHEAT	12	1700	1762	600	617	850	882	0.748
VAV-008	PRICE	SDV	REHEAT	12	1160	1155	410	412	850	866	0.650
VAV-010	PRICE	SDV	REHEAT	12	1160	1155	350	359	850	877	0.764
VAV-001A 1	PRICE	SDV	REHEAT	16	3000	3002	900	919	1350	1377	0.601
VAV-001B 1	PRICE	SDV	REHEAT	24X16	3400		1100		2200		
VAV-001C 1	PRICE	SDV	REHEAT	24X16	3600	3560	1100	1126	2200	2231	0.568
VAV-200	PRICE	SDV	REHEAT	12	1680	1629	510	518	850	862	0.816
VAV-201	PRICE	SDV	REHEAT	8	600	622	200	205	400	411	0.708
VAV-202	PRICE	SDV	REHEAT	16	2695	2640	810	812	1350	1377	0.834
VAV-203	PRICE	SDV	REHEAT	10	890	895	270	277	500	511	0.674
VAV-204	PRICE	SDV	REHEAT	16	2345	2259	710	711	1350	1344	0.853
VAV-205	PRICE	SDV	REHEAT	10	750	766	250	258	500	511	0.653
VAV-206	PRICE	SDV	REHEAT	14	1950	1957	600	622	1100	1117	0.761
VAV-207	PRICE	SDV	REHEAT	12	1440	1460	460	472	1000	1033	0.823
VAV-209	PRICE	SDV	REHEAT	12	1500	1536	450	444	850	869	0.801
VAV-210	PRICE	SDV	REHEAT	14	2100	2081	630	619	1100	1124	0.815
VAV-212	PRICE	SDV	REHEAT	12	1700	1658	510	522	850	869	0.740
VAV-213	PRICE	SDV	REHEAT	8	600	616	150	158	350	362	0.731
VAV-214	PRICE	SDV	REHEAT	8	430	451	200	211	400	407	0.718
VAV-218	PRICE	SDV	REHEAT	8	550	569	170	177	400	411	0.714
VAV-220	PRICE	SDV	REHEAT	8	560	565	200	211	400	408	0.639

AHU-1/

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
VAV-300	PRICE	SDV	REHEAT	8	560	569	170	181	400	387	0.701
VAV-301	PRICE	SDV	REHEAT	10	630	632	250	255	550	572	0.588
VAV-303	PRICE	SDV	REHEAT	6	355	358	110	122	250	247	0.708
VAV-304	PRICE	SDV	REHEAT	8	560	546	170	177	350	361	0.722
VAV-305	PRICE	SDV	REHEAT	10	515	524	200	208	400	405	0.518
VAV-308	PRICE	SDV	REHEAT	6	440	428	140	145	350	358	0.592
VAV-310	PRICE	SDV	REHEAT	10	950	949	290	288	400	411	0.809
VAV-312	PRICE	SDV	REHEAT	12	1545	1565	500	508	850	862	0.649
VAV-313	PRICE	SDV	REHEAT	10	990	981	450	456	550	529	0.722
VAV-314	PRICE	SDV	REHEAT	10	990	986	300	311	550	559	0.730
VAV-316	PRICE	SDV	REHEAT	6	450	447	150	147	350	352	0.692
VAV-318	PRICE	SDV	REHEAT	8	700	707	250	266	350	341	0.706
VAV-319	PRICE	SDV	REHEAT	10	1000	1019	300	312	500	518	0.783
VAV-320	PRICE	SDV	REHEAT	8	510	523	160	166	350	359	0.682
VAV-323	PRICE	SDV	REHEAT	10	880	888	270	277	550	555	0.754
VAV-326	PRICE	SDV	REHEAT	8	630	650	200	211	400	408	0.767
VAV-331	PRICE	SDV	REHEAT	10	810	795	250	248	550	562	0.757
VAV-332	PRICE	SDV	REHEAT	8	630	659	200	203	400	385	0.671
VAV-333	PRICE	SDV	REHEAT	8	525	530	250	258	350	348	0.679
VAV-337	PRICE	SDV	REHEAT	10	800	816	250	262	400	411	0.641
VAV-338	PRICE	SDV	REHEAT	8	630	632	200	210	400	416	0.727
VAV-339	PRICE	SDV	REHEAT	6	320	336	100	102	160	165	0.647
VAV-341	PRICE	SDV	REHEAT	6	450	459	140	144	225	232	0.689
VAV-343	PRICE	SDV	REHEAT	8	550	543	270	277	350	356	0.688
VAV-344	PRICE	SDV	REHEAT	8	630	620	200	211	400	417	0.735
VAV-345	PRICE	SDV	REHEAT	6	440	511	150	158	240	244	0.722
VAV-347	PRICE	SDV	REHEAT	6	200	212	100	105	200	211	0.655
VAV-348	PRICE	SDV	REHEAT	8	420	406	130	138	240	248	0.72
VAV-354	PRICE	SDV	REHEAT	8	420	437	130	138	240	251	0.786
VAV-356	PRICE	SDV	REHEAT	6	375	385	130	133	240	250	0.726
VAV-358	PRICE	SDV	REHEAT	8	690	687	210	215	400	416	0.707
VAV-102	PRICE	SDV	REHEAT	14	1950	1996	600	608	1100	1132	0.771
VAV-104	PRICE	SDV	REHEAT	12	1120	1095	350	362	850	837	0.614
VAV-105	PRICE	SDV	REHEAT	8	350	341	350	344	350	352	0.713
VAV-106	PRICE	SDV	REHEAT	10	920	924	280	288	600	623	0.762
VAV-107	PRICE	SDV	REHEAT	14	2160	2169	650	656	1100	1122	0.813
VAV-108	PRICE	SDV	REHEAT	12	1400	1451	450	459	850	870	0.717
VAV-109	PRICE	SDV	REHEAT	12	1650	1633	500	522	850	841	0.750
VAV-110	PRICE	SDV	REHEAT	12	1400	1425	420	428	700	733	0.792
VAV-111	PRICE	SDV	REHEAT	10	1000	1046	300	311	500	517	0.781
VAV-112	PRICE	SDV	REHEAT	12	1620	1625	500	517	1000	1044	0.753
VAV-170	PRICE	SDV	REHEAT	12	900	911	370	377	850	839	0.842
VAV-207B 1	PRICE	SDV	REHEAT	12	1530	1588	450	444	1000	1026	0.737
VAV-208A 1	PRICE	SDV	REHEAT	14	2070	2150	600	622	1100	1155	0.852
VAV-312.1	PRICE	SDV	REHEAT	12	800	751	400	412	800	762	0.697

Diffuser Supply (GRD)

VAV-002/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V002-1	002	EX-S2		300	369	275	91.7
V002-2	002	EX-S2		300	352	286	95.3
V002-3	002	EX-S2		300	314	292	97.3
V002-4	002	EX-S2		300	355	315	105.0
V002-5	002	EX-S2		300	308	322	107.3
V002-6	002	EX-S2		300	348	308	102.7
V002-7	002	EX-S2		300	262	325	108.3
V002-8	002	EX-S2		300	374	311	103.7
V002-9	002	EX-S2		300	411	305	101.7
Total				2700	3093	2739	101.44%

VAV-003/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V003-1	CORR	EX-L1		100			-
V003-2	CORR	EX-L1		100			-
V003-3	014	EX-L2		200			-
V003-4	003	EX-S2		300			-
V003-5	005	EX-S2		300			-
Total				1000	0	0	0%

VAV-004/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V004-1	004	EX-S1		250			-
V004-2	004	EX-S1		250			-
V004-3	004	EX-S1		250			-
V004-4	004	EX-S1		250			-
V004-5	004	EX-S1		250			-
V004-6	004	EX-S1		250			-
Total				1500	0	0	0%

VAV-006/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V006-1	006	EX-S1		250	332	256	102.4
V006-2	006			250	326	262	104.8
V006-3	006			250	308	248	99.2
V006-4	006			250	318	271	108.4
V006-5	COOR			125	229	115	92.0
V006-6	COOR			125	205	123	98.4
V006-7	006			250	269	239	95.6
V006-8	006			250	288	248	99.2
Total				1750	2275	1762	100.69%

VAV-008/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V008-1	008	EX-S2		290	355	287	99.0
V008-2	008	EX-S2		290	326	277	95.5
V008-3	008	EX-S2		290	348	295	101.7
V008-4	008	EX-S2		290	333	292	100.7
Total				1160	1362	1151	99.22%

VAV-010/010

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V010-1	010	EX-S2		290	334	279	96.2
V010-2	010	EX-S2		290	355	285	98.3
V010-3	010	EX-S2		290	365	299	103.1
V010-4	010	EX-S2		290	369	292	100.7
Total				1160	1423	1155	99.57%

VAV-001A 1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V01A-1	001	EX-S3		500	353	522	104.4
V01A-2	001	EX-S3		500	362	508	101.6
V01A-3	001	EX-S3		500	322	469	93.8
V01A-4	001	EX-S3		500	348	487	97.4
V01A-5	001	EX-S3		500	314	515	103.0
V01A-6	001	EX-S3		500	326	501	100.2
Total				3000	2025	3002	100.07%

VAV-001B 1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V01B-1	001	EX-S3		500			-
V01B-2	001	EX-S3		500			-

VAV-001B 1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V01B-3	001	EX-S4		2400			-
Total				3400	0	0	0%

VAV-001C 1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V001C-1	001	EX-S5		1800	1919	1792	99.6
V001C-2	001	EX-S5		1800	1859	1768	98.2
Total				3600	3778	3560	98.89%

VAV-200/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V200-1	200	EX-S2		280	315	285	101.8
V200-2	200	EX-S2		280	326	262	93.6
V200-3	200	EX-S2		280	348	279	99.6
V200-4	200	EX-S2		280	333	275	98.2
V200-5	200	EX-S2		280	356	268	95.7
V200-6	200	EX-S2		280	326	260	92.9
Total				1680	2004	1629	96.96%

VAV-201/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V201-1	CORR	EX-S1		200	216		-
V201-2	CORR	EX-S1		200	222		-
V201-3	CORR	EX-S1		200	229		-
Total				600	667	0	0%

VAV-202/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V202-1	202	EX-S2		385	399	372	96.6
V202-2	202	EX-S2		385	412	366	95.1
V202-3	202	EX-S2		385	402	385	100.0
V202-4	202	EX-S2		385	426	392	101.8
V202-5	202	EX-S2		385	475	364	94.5
V202-6	202	EX-S2		385	438	384	99.7
V202-7	202	EX-S2		385	402	377	97.9
Total				2695	2954	2640	97.96%

VAV-203/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V203-1	203	EX-S2		265	325	278	104.9
V203-2	203	EX-S2		265	305	272	102.6
V203-3	CORR	LD		360	317	345	95.8
Total				890	947	895	100.56%

VAV-204/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V204-1	204	EX-S2		335	417	307	91.6
V204-2	204	EX-S2		335	422	322	96.1
V204-3	204	EX-S2		335	455	340	101.5
V204-4	204	EX-S2		335	426	315	94.0
V204-5	204	EX-S2		335	458	321	95.8
V204-6	204	EX-S2		335	433	317	94.6
V204-7	204	EX-S2		335	437	337	100.6
Total				2345	3048	2259	96.33%

VAV-205/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V205-1	205	EX-S1		175	225	177	101.1
V205-2	203	EX-S1		175	305	233	133.1
V205-3	HALL	EX		400	308	356	89.0
Total				750	838	766	102.13%

VAV-206/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V206-1	206	EX-S1		325	417	317	97.5
V206-2	206	EX-S1		325	411	327	100.6
V206-3	206	EX-S1		325	395	310	95.4
V206-4	206	EX-S1		325	386	333	102.5
V206-5	206	EX-S1		325	397	342	105.2
V206-6	206	EX-S1		325	372	328	100.9
Total				1950	2378	1957	100.36%

VAV-207/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V207-1	207	EX-S2		360	256	372	103.3
V207-2	207	EX-S2		360	298	368	102.2
V207-3	207	EX-S2		360	248	358	99.4
V207-4	207	EX-S2		360	278	362	100.6
Total				1440	1080	1460	101.39%

VAV-209/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V209-1	209	EX-S1		250	286	252	100.8
V209-2	209	EX-S1		250	268	256	102.4
V209-3	209	EX-S1		250	274	248	99.2
V209-4	209	EX-S1		250	295	271	108.4
V209-5	209	EX-S1		250	284	264	105.6
V209-6	209	EX-S1		250	295	245	98.0
Total				1500	1702	1536	102.4%

VAV-210/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V210-1	210	EX-S2		350	375	336	96.0
V210-2	210	EX-S2		350	392	342	97.7
V210-3	210	EX-S2		350	466	358	102.3
V210-4	210	EX-S2		350	452	369	105.4
V210-5	210	EX-S2		350	366	347	99.1
V210-6	210	EX-S2		350	375	329	94.0
Total				2100	2426	2081	99.1%

VAV-212/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V212-1	212	EX-S2		425	407	412	96.9
V212-2	212	EX-S2		425	368	420	98.8
V212-3	212	EX-S2		425	395	408	96.0
V212-4	212	EX-S2		425	388	418	98.4
Total				1700	1558	1658	97.53%

VAV-213/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
SGRD1	213	CD		295	369	305	103.4
SGRD2	213	CD		295	348	311	105.4
Total				590	717	616	104.41%

VAV-214/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V214-1	211	S-C		115	174	122	106.1
V214-2	218	EX-F		100	133	105	105.0
V214-3	218	EX-F		100	145	108	108.0
V214-4	214	S-C		115	168	116	100.9
Total				430	620	451	104.88%

VAV-218/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V218-1	216	EX-S1		200	263	211	105.5
V218-2	218	EX-S1		175	200	180	102.9
V218-3	218	EX-S1		175	205	178	101.7
Total				550	668	569	103.45%

VAV-220/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V220-1	222	EX-S1		280	275	275	98.2
V220-2	220	EX-S1		280	290	290	103.6
Total				560	565	565	100.89%

VAV-300/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V300-1				280	290	278	99.3
V300-2				280	316	291	103.9
Total				560	606	569	101.61%

VAV-301/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V301-1	301	EX-S1		210	226	202	96.2
V301-2	301	EX-S1		210	259	211	100.5
V301-3	301	EX-S1		210	238	219	104.3
Total				630	723	632	100.32%

VAV-303/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V303-1	303	EX-S1		180	226	173	96.1
V303-2	CORR	EX-S1		175	248	185	105.7
Total				355	474	358	100.85%

VAV-304/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V304-1	306	EX-S1		280	316	269	96.1
V304-2	304	EX-S1		280	350	277	98.9
Total				560	666	546	97.5%

VAV-305/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V305-1	305	EX-S1		170	198	169	99.4
V305-2	CORR	EX-S1		175	202	174	99.4
V305-3	305	EX-S1		170	212	181	106.5
Total				515	612	524	101.75%

VAV-308/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V308-1	308	EX-S1		220	156	218	99.1
V308-2	308	EX-S1		220	134	210	95.5
Total				440	290	428	97.27%

VAV-310/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V304-1	310	EX-F		475	526	469	98.7
V304-2	310	EX-F		475	552	480	101.1
Total				950	1078	949	99.89%

VAV-312/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V312-1	312	F-4		515	478	508	98.6
V312-2	312	F-4		515	462	521	101.2
V312-3	312	F-4		515	495	536	104.1
Total				1545	1435	1565	101.29%

VAV-313/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V313-1	313	EX-S2		300	349	308	102.7
V313-2	311	EX-S2		330	362	317	96.1
V313-3	309	EX-S2		360	399	356	98.9
Total				990	1110	981	99.09%

VAV-314/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V314-1	314	F-4		495	527	487	98.4
V314-2	314	F-4		495	562	499	100.8
Total				990	1089	986	99.6%

VAV-316/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V316-1	316	EX-F		225	283	217	96.4
V316-2	316	EX-F		225	302	230	102.2
Total				450	585	447	99.33%

VAV-318/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V318-1	318	EX-S2		350	413	348	99.4
V318-2	318	EX-S2		350	429	359	102.6
Total				700	842	707	101%

VAV-319/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V319-1	315	EX-S2		360	422	349	96.9
V319-2	317	EX-S2		300	396	320	106.7
V319-3	319	EX-S2		340	416	350	102.9
Total				1000	1234	1019	101.9%

VAV-320/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V320-1	322	EX-S1		210	200	206	98.1
V320-2	320	EX-S2		300	280	317	105.7
Total				510	480	523	102.55%

VAV-323/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V323-1	321	EX-S2		340	416	333	97.9
V323-2	323	EX-S2		270	348	287	106.3
V323-3	325	EX-S2		270	329	268	99.3
Total				880	1093	888	100.91%

VAV-326/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V326-1	326	EX-S1		210	252	220	104.8
V326-2	324	EX-S1		210	248	218	103.8
V326-3	322	EX-S1		210	239	212	101.0
Total				630	739	650	103.17%

VAV-331/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V331-1	327	EX-S2		270	325	258	95.6
V331-2	329	EX-S2		270	358	265	98.1
V331-3	331	EX-S2		270	339	272	100.7
Total				810	1022	795	98.15%

VAV-332/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V332-1	334	EX-S1		210	233	212	101.0
V332-2	330	EX-S1		210	259	220	104.8
V332-3	332	EX-S1		210	248	228	108.6
Total				630	740	660	104.76%

VAV-333/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V333-1	333	EX-S2		350	385	352	100.6
V333-2	CORR	EX-S1		175	192	178	101.7
Total				525	577	530	100.95%

VAV-337/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V337-1	337	EX-D	800		955	816	-
Total				0	955	816	0%

VAV-338/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V338-1	340	EX-S1		210	258	215	102.4
V338-2	334	EX-S1		210	262	206	98.1
V338-3	335	EX-S1		210	255	211	100.5
Total				630	775	632	100.32%

VAV-339/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V339-1	339	S-C		160	244	165	103.1
V339-2	339	S-C		160	58	171	106.9
Total				320	302	336	105%

VAV-341/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V341-1	341	EX-S1		225	256	228	101.3
V341-2	341	EX-S1		225	277	231	102.7
Total				450	533	459	102%

VAV-343/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V343-1	343	S-C		100	116	98	98.0
V343-2	CORR	EX-S1		175	199	174	99.4
V343-3	343	S-C		100	102	92	92.0
V343-4	CORR	EX-S1		175	192	179	102.3

VAV-343/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
Total				550	609	543	98.73%

VAV-344/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V344-1	342	EX-S1		210	256	202	96.2
V344-2	344	EX-S1		210	245	206	98.1
V344-3	346	EX-S1		210	235	212	101.0
Total				630	736	620	98.41%

VAV-345/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V345-1	345	EX-S1		220	344	355	161.4
V345-2	345	EX-S1		220	0	156	70.9
Total				440	344	511	116.14%

VAV-347/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V347-1	347	EX-S1		200	250	212	106.0
Total				200	250	212	106%

VAV-348/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V348-1	248	EX-S1		210	287	198	94.3
V348-2	350	EX-S1		210	296	208	99.0
Total				420	583	406	96.67%

VAV-354/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V354-1	354	EX-S1		210	287	212	101.0
V354-2	352	EX-S1		210	266	225	107.1
Total				420	553	437	104.05%

VAV-356/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V356-1	356	EX-S2		375	348	385	102.7
Total				375	348	385	102.67%

VAV-358/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V358-1	362	EX-S1		230	248	232	100.9
V358-2	360	EX-S1		230	256	225	97.8
V358-3	358	EX-S1		230	244	230	100.0
Total				690	748	687	99.57%

VAV-102/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V102-1	102	CD		325	284	317	97.5
V102-2	102	CD		325	265	328	100.9
V102-3	102	CD		325	294	333	102.5
V102-4	102	CD		325	284	345	106.2
V102-5	102	CD		325	236	326	100.3
V102-6	102	CD		325	288	347	106.8
Total				1950	1651	1996	102.36%

VAV-104/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V104-1	104	EX-S1		230	268	244	106.1
V104-2	104	EX-S1		230	248	231	100.4
V104-3	CORR	EX-L1		100	152	95	95.0
V104-4	CORR	EX-L1		100	136	98	98.0
V104-5	104	EX-S1		230	169	207	90.0
V104-6	104	EX-S1		230	184	220	95.7
Total				1120	1157	1095	97.77%

VAV-105/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V105-1	105	EX-S1		175	216	162	92.6
V105-2	103	EX-S1		175	240	179	102.3
Total				350	456	341	97.43%

VAV-106/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V106-1	106	EX-S1		230	248	237	103.0
V106-2	106	EX-S1		230	262	240	104.3
V106-3	106	EX-S1		230	255	232	100.9
V106-4	106	EX-S1		230	233	215	93.5
Total				920	998	924	100.43%

VAV-107/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V107-1	107	EX-S2		360	404	352	97.8
V107-2	107	EX-S2		360	456	346	96.1
V107-3	107	EX-S2		360	423	365	101.4
V107-4	107	EX-S2		360	418	372	103.3
V107-5	107	EX-S2		360	426	357	99.2
V107-6	107	EX-S2		360	417	377	104.7
Total				2160	2544	2169	100.42%

VAV-108/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V108-1	108	EX-S2		300	362	307	102.3
V108-2	108	EX-S2		300	345	317	105.7
V108-3	CORR	EX-L1		100	120	105	105.0
V108-4	CORR	EX-L1		100	115	92	92.0
V108-5	108	EX-S2		300	349	320	106.7
V108-6	108	EX-S2		300	322	310	103.3
Total				1400	1613	1451	103.64%

VAV-109/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V109-1	109	EX-S2		275	313	280	101.8
V109-2	109	EX-S2		275	333	265	96.4
V109-3	109	EX-S2		275	326	268	97.5
V109-4	109	EX-S2		275	356	274	99.6
V109-5	109	EX-S2		275	342	269	97.8
V109-6	109	EX-S2		275	338	277	100.7
Total				1650	2008	1633	98.97%

VAV-110/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V110-1	110	EX-S2		350	369	342	97.7
V110-2	110	EX-S2		350	402	355	101.4
V110-3	110	EX-S2		350	389	368	105.1
V110-4	110	EX-S2		350	395	360	102.9
Total				1400	1555	1425	101.79%

VAV-111/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V111-1	111			200	238	211	105.5
V111-2	111			200	226	208	104.0
V111-3	111			200	232	215	107.5
V111-4	111			200	245	203	101.5
V111-5	111			100	135	101	101.0
V111-6	111			100	122	108	108.0
Total				1000	1198	1046	104.6%

VAV-112/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V112-1	112	EX-S2		270	300	277	102.6
V112-2	112	EX-S2		270	326	282	104.4
V112-3	112	EX-S2		270	352	261	96.7
V112-4	112	EX-S2		270	344	269	99.6
V112-5	112	EX-S2		270	327	262	97.0
V112-6	112	EX-S2		270	308	274	101.5
Total				1620	1957	1625	100.31%

VAV-170/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V170-1	001	EX-L4		450	652	466	103.6
V170-2	001	EX-L4		450	623	445	98.9
Total				900	1275	911	101.22%

VAV-207B 1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V207B-1	218	EX-F		100		105	105.0
V207B-2	218	EX-F		100		110	110.0
V207B-3	207B	207B		360		362	100.6
V207B-4	207B	207B		360		378	105.0
V207B-5	207A	207A		250		268	107.2
V207B-6	207B	207B		360		365	101.4
Total				1530	0	1588	103.79%

VAV-208A 1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V208A-1	CORR	LD		150	195	155	103.3
V208A-2	CORR	LD		150	222	162	108.0
V208A-3	208B	EX-S2		295	326	285	96.6
V208A-4	208A	EX-S2		295	342	297	100.7
V208A-5	208A	EX-S2		295	333	311	105.4
V208A-6	208A	EX-S2		295	302	317	107.5
V208A-7	208B	EX-S2		295	312	305	103.4
V208A-8	208B	EX-S2		295	396	320	108.5
Total				2070	2428	2152	103.96%

VAV-312.1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V312.1-1	312	EX-S1		200	152	198	99.0
V312.1-2	312	EX-S1		200	122	185	92.5
V312.1-3	312	EX-S1		200	135	188	94.0
V312.1-4	312	EX-S1		200	144	180	90.0
Total				800	553	751	93.88%

Completed By: Nick Payne on 11/17/2025

Asset	Notes	Date	Written By
VAV-205	No damper located in womens restroom.	11/11/2025	Nick Payne

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-1 AREA:REST ROOMS

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	2250	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Cincinnati State HPB (Cincinnati, OH)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-1/REST ROOMS

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E1-1	366	EX-C		75				-
E1-2	305	EX-B		375				-
E1-3	307	EX-B		150				-
E1-4	205	EX-E2		225				-
E1-5	203	EX-E2		225				-
E1-6	105	EX-E1		225				-
E1-7	103	EX-E1		225				-
E1-8	003	EX-E1		375				-
E1-9	005	EX-E1		375				-
Total				2250		0	0	0%

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-2 AREA:CLASSROOMS

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	4290	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Cincinnati State HPB (Cincinnati, OH)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-2/CLASSROOMS

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E2-1	212	EX-E1		935				-
E2-2	212	EX-E1		935				-
E2-3	111	EX-E1		880				-
E2-4	110	EX-E1		770				-
E2-5	110	EX-E1		770				-
Total				4290		0	0	0%

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-3 AREA:CLASSROOM, LAB

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	4280	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Cincinnati State HPB (Cincinnati, OH)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-3/CLASSROOM, LAB

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E3-1	206	EX-E1		1070				-
E3-2	206	EX-E1		1070				-
E3-3	102	EX-E1		1070				-
E3-4	102	EX-E1		1070				-
Total				4280		0	0	0%

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-4 AREA:207B LAB

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	**Actual**
CFM	3040	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Cincinnati State HPB (Cincinnati, OH)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-4/207B LAB

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E4-1	207B	EX-E1		1580				-
E4-2	207B	EX-E1		1460				-
Total				3040		0	0	0%

National TAB

Project:Cincinnati State HPB (Cincinnati, OH)

Circuit Setter

HW CS/

Asset									
Asset Name	**Location**	**Size**	**Type**	**Service**	**Design GPM**	**Setting**	**Delta P**	**Final GPM**	**% to Design**
VAV-002	002B	0.50	AUTO	HOTWATER	6.17	5 - 50 PSID	23.9 PSID	6.17	100.0
VAV-003	003	0.50	AUTO	HOT WATER	4.73	5 - 50 PSID	18.6 PSID	4.73	100.0
VAV-004	004	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	20.8 PSID	2.96	100.0
VAV-006	006	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	24.4 PSID	2.96	100.0
VAV-008	008	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	20.4 PSID	2.96	100.0
VAV-010	010	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	21.2 PSID	2.96	100.0
VAV-102	102	0.50	AUTO	HOT WATER	5.12	5 - 50 PSID	17.3 PSID	5.12	100.0
VAV-104	104	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	18.6 PSID	2.96	100.0
VAV-105	105	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	15.5 PSID	1.77	100.0
VAV-106	106	0.50	AUTO	HOT WATER	4.02	5 - 50 PSID	20.7 PSID	4.02	100.0
VAV-107	107	0.50	AUTO	HOT WATER	5.12	5 - 50 PSID	22.2 PSID	5.12	100.0
VAV-108	108	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	18.1 PSID	2.96	100.0
VAV-109	109	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	18.7 PSID	2.96	100.0
VAV-110	110	0.50	AUTO	HOT WATER	3.26	5 - 50 PSID	17.5 PSID	3.26	100.0
VAV-111	111	0.50	AUTO	HOT WATER	2.35	5 - 50 PSID	17.9 PSID	2.35	100.0
VAV-112	112	0.50	AUTO	HOT WATER	4.09	5 - 50 PSID	16.2 PSID	4.09	100.0
VAV-170	101	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	20.3 PSID	2.96	100.0
VAV-001A 1	002	0.75	AUTO	HOT WATER	6.17	5 - 50 PSID	21.7 PSID	6.17	100.0
VAV-001B 1	002	0.75	AUTO	HOT WATER	8.29	5 - 50 PSID	17.3 PSID	8.29	100.0
VAV-001C 1	014 CORR	0.75	AUTO	HOT WATER	8.29	5 - 50 PSID	15.5 PSID	8.29	100.0
VAV-200	200	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	14.6 PSID	2.96	100.0
VAV-201	200	0.50	AUTO	HOT WATER	1.50	5 - 50 PSID	17.0 PSID	1.5	100.0
VAV-202	202	0.75	AUTO	HOT WATER	6.17	5 - 50 PSID	12.1 PSID	6.17	100.0
VAV-203	203	0.50	AUTO	HOT WATER	2.35	5 - 50 PSID	13.3 PSID	2.35	100.0
VAV-204	204	0.50	AUTO	HOT WATER	6.17	5 - 50 PSID	15.6 PSID	6.17	100.0
VAV-205	205	0.50	AUTO	HOT WATER	2.35	5 - 50 PSID	10.10 PSID	2.35	100.0
VAV-206	206	0.50	AUTO	HOT WATER	5.12	5 - 50 PSID	14.1 PSID	5.12	100.0
VAV-207	207	0.50	AUTO	HOT WATER	4.09	5 - 50 PSID	11.11 PSID	4.09	100.0
VAV-209	209	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	12.6 PSID	2.96	100.0
VAV-210	210	0.50	AUTO	HOT WATER	5.12	5 - 50 PSID	13.7 PSID	5.12	100.0
VAV-212	212	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	10.2 PSID	2.96	100.0
VAV-213	213	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	14.9 PSID	1.77	100.0
VAV-214	211	0.50	AUTO	HOT WATER	1.50	5 - 50 PSID	12.8 PSID	1.5	100.0
VAV-218	218	0.50	AUTO	HOT WATER	1.50	5 - 50 PSID	12.2 PSID	1.5	100.0
VAV-220	220	0.50	AUTO	HOT WATER	1.50	5 - 50 PSID	10.9 PSID	1.5	100.0
VAV-300	300	0.50	AUTO	HOT WATER	2.65	5 - 50 PSID	8.9 PSID	2.65	100.0
VAV-301	301	0.50	AUTO	HOT WATER	3.04	5 - 50 PSID	6.5 PSID	3.04	100.0
VAV-303	303	0.50	AUTO	HOT WATER	1.27	5 - 50 PSID	7.6 PSID	1.27	100.0
VAV-304	304	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	11.2 PSID	1.77	100.0
VAV-305	305	050	AUTO	HOT WATER	1.46	5 - 50 PSID	8.9 PSID	1.46	100.0
VAV-308	309	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	8.8 PSID	1.77	100.0
VAV-310	310		AUTO	HOT WATER	1.46	5 - 50 PSID	7.6 PSID	1.46	100.0
VAV-312	312	0.50	AUTO	HOT WATER	2.96	5 - 50 PSID	9.2 PSID	2.96	100.0
VAV-313	311	0.50	AUTO	HOT WATER	3.04	5 - 50 PSID	6.5 PSID	3.04	100.0
VAV-314	314	0.50	AUTO	HOT WATER	3.04	5 - 50 PSID	10.9 PSID	3.04	100.0
VAV-316	316	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	9.1 PSID	1.77	100.0
VAV-318	318	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	6.8 PSID	1.77	100.0
VAV-319	319	0.50	AUTO	HOT WATER	2.35	5 - 50 PSID	7.5 PSID	2.35	100.0
VAV-320	320	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	7.7 PSID	1.77	100.0
VAV-323	323	0.50	AUTO	HOT WATER	3.04	5 - 50 PSID	8.2 PSID	3.04	100.0
VAV-326	326	0.50	AUTO	HOT WATER	2.65	5 - 50 PSID	10.10 PSID	2.65	100.0
VAV-331	331	0.50	AUTO	HOT WATER	3.04	5 - 50 PSID	6.3 PSID	3.04	100.0
VAV-332	332	0.50	AUTO	HOT WATER	2.65	5 - 50 PSID	7.2 PSID	2.65	100.0
VAV-333	333	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	7.0 PSID	1.77	100.0
VAV-337	337	0.50	AUTO	HOT WATER	1.46	5 - 50 PSID	8.5 PSID	1.46	100.0

HW CS/

Asset									
Asset Name	**Location**	**Size**	**Type**	**Service**	**Design GPM**	**Setting**	**Delta P**	**Final GPM**	**% to Design**
VAV-338	338	0.50	AUTO	HOT WATER	2.65	5 - 50 PSID	8.1 PSID	2.65	100.0
VAV-339	339	0.50	AUTO	HOT WATER	0.53	5 - 50 PSID	7.7 PSID	0.53	100.0
VAV-341	341	0.50	AUTO	HOT WATER	0.99	5 - 50 PSID	10.5 PSID	0.99	100.0
VAV-343	343	0.50	AUTO	HOT WATER	1.77	5 - 50 PSID	9.5 PSID	1.77	100.0
VAV-344	344	0.50	AUTO	HOT WATER	2.65	5 - 50 PSID	8.6 PSID	2.65	100.0
VAV-345	345	0.50	AUTO	HOT WATER	1.14	5 - 50 PSID	10.7 PSID	1.14	100.0
VAV-347	347	0.50	AUTO	HOT WATER	0.77	5 - 50 PSID	11.2 PSID	0.77	100.0
VAV-348	348	0.50	AUTO	HOT WATER	0.81	5 - 50 PSID	10.4 PSID	0.81	100.0
VAV-354	354	0.50	AUTO	HOT WATER	0.81	5 - 50 PSID	10.6 PSID	0.81	100.0
VAV-356	356	0.50	AUTO	HOT WATER	1.14	5 - 50 PSID	11.11 PSID	1.14	100.0
VAV-358	358	0.50	AUTO	HOT WATER	2.65	5 - 50 PSID	9.9 PSID	2.65	100.0
VAV-207B 1	207B	0.50	AUTO	HOT WATER	4.09	5 - 50 PSID	14.5 PSID	4.09	100.0
VAV-208A 1	208A	0.50	AUTO	HOT WATER	5.12	5 - 50 PSID	11.2 PSID	5.12	100.0
VAV-312.1	312.1	0.50	AUTO	HOT WATER	5.13	5 - 50 PSID	7.5 PSID	5.13	100.0
Total					206.06			206.06	100%

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: Boiler

Asset: B-1 AREA:

Unit Data	
	Actual
MFG	FULTON
Model Num	EDR-2000
Serial Num	

Test Data		
	Design	**Actual**
GPM	187	
EWT (F)	140	
LWT (F)	160	
Water Temp Delta T (F)	-	

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: Pump

Asset: P-1 AREA:011 MECH

Unit Data		
	Design	**Actual**
MFG	BELL & GOSSETT	BELL & GOSSETT
Model Num	NA	E-1510 2EB
Serial Num	-	1SSF555
Service	-	HOT WATER
Type	-	CENTRIFUGAL
Pump RPM	-	1800
GPM/HD	280.0 / 93.0	280 / 93
Impeller Diameter	10.625	10.625

Motor Data		
	Design	**Actual**
Motor MFG	-	BALDOR
Frame	-	215
Horsepower	10	10
Motor Rpm	-	1770
Phase	-	3
Voltage	-	460
Amperage	-	12.5
Service Factor	-	1.15
Efficiency	-	91.7
Power Factor	-	82

Test Data		
	Design	**Actual**
Pump Off Pres	-	76.23 FT
Pump Dead Head Pres	-	123.4 FT
Act Impeller Dia (IN)	-	10.625
Valve Open GPM	-	370
Valve Open Diff (FT)	-	54.6 FT
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	93.0	
Final GPM	280.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: Cincinnati State HPB (Cincinnati, OH)

System/Unit: Pump

Asset: P-2 AREA:

Unit Data		
	Design	**Actual**
MFG	BELL & GOSSETT	BELL & GOSSETT
Model Num	NA	ECOCIRC XL45
Serial Num	-	2023-1025-01383
Service	-	B-1
Type	-	INLINE
Configuration	-	INLINE
Pump RPM	-	NL
GPM/HD	200.0 / 25.0	200 / 25.0
Impeller Diameter	NL	NL

Motor Data		
	Design	**Actual**
Motor MFG	-	-
Frame	-	-
Horsepower	3	3
Motor Rpm	-	NL
Phase	-	3
Voltage	-	460
Amperage	-	4.0
Service Factor	-	1.15
Efficiency	-	NL
Power Factor	-	NL

Test Data		
	Design	**Actual**
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	25.0	
Final GPM	200.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Brake Horse Power	-	