

National TAB
Project: Clinton County Jail (Wilmington, OH)
System/Unit: AHU/RTU



Asset: AHU1

AREA:

Unit Data	
	Actual
MFG	MCQUAY
Model Num	CAH021FVAC

Completed By: Gabe Merk on 12/17/2025

National TAB

Project: Clinton County Jail (Wilmington, OH)

AHU/RTU



VAV - Single Duct

AHU1/

Asset										
Asset Name	MFG	Model Num	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
C-1	NA	NA	8"	525	135	525	135	525	135	1.29
C-2	NA	NA	8"	530	508	530	508	530	508	1.41
C-3	NA	NA	6"	300	109	300	109	300	109	1.40
C-4	NA	NA	8"	170	182	170	182	170	182	1.76
C-5	NA	NA	6"	380	299	380	299	380	299	1.23
C-6	NA	NA	10"	1100	748	1100	748	1100	748	1.47
C-7	NA	NA	6"	320	277	320	277	320	277	0.89
C-10	NA	NA	8"	400	363	200	210	200	210	1.78
C-11	NA	NA	6"	200	166	100	103	100	103	1.20
C-27	NA	NA	8"	500	162	250	162	250	162	1.33
C-28	NA	NA	6"	350	295	175	177	175	177	1.58
C-29	NA	NA	10"	750	681	375	382	375	382	1.90
C-30	NA	NA	14"	1320	1324	660	658	660	658	0.98
C-31	NA	NA	8"	420	424	210	216	210	216	1.82
C-32	NA	NA	6"	125	118	100	103	100	103	1.41
C-33	NA	NA	8"	625	662	315	313	315	313	1.44
C-34	NA	NA	8"	700	528	350	357	350	357	2.0
C-35	NA	NA	6"	130	122	130	122	130	122	0.85
C-36	NA	NA	10"	900		450		450		

Asset	Notes	Date	Written By
C-11	board from c8	12/17/2025	Gabe Merk
C-29	board from 20	12/17/2025	Gabe Merk
C-36	Fire door before VAV is shut. DP in duct before door: 0.84" DP after fire door 0.01" DP after vav 0.001"	12/17/2025	Gabe Merk

National TAB
Project: Clinton County Jail (Wilmington, OH)
System/Unit: AHU/RTU



Asset: AHU2

AREA:

Unit Data	
	Actual
MFG	MCCQUAY
Model Num	CAH025 FVAC

Completed By: Gabe Merk on 12/17/2025

National TAB

Project: Clinton County Jail (Wilmington, OH)

AHU/RTU



VAV - Single Duct

AHU2/

Asset										
Asset Name	MFG	Model Num	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
C-8	NA	NA	6"	200	141	200	141	200	141	0.92
C-9	NA	NA	10"	850	709	425	431	425	431	1.55
C-12	NA	NA	10"	600	478	300	312	300	312	1.78
C-13	NA	NA	6"	400	412		207	200	207	1.45
C-14	NA	NA	8"	500	244	250	244	250	244	0.70
C-15	NA	NA	6"	250	263	125	126	125	126	2.00
C-16	NA	NA	12"	1100	804	550	565	550	565	1.68
C-17	NA	NA	6"	375	216	200	205	200	205	0.93
C-18	NA	NA	12"	1500	1262	750	763	750	763	0.98
C-19	NA	NA	8"	600	624	600	624	600	624	1.55
C-20	NA	NA	8"	560	567	280	277	280	277	1.18
C-21	NA	NA	8"	630	557	315	314	315	314	1.00
C-22	NA	NA	6"	200	195	100	103	100	103	1.62
C-23	NA	NA	10"	950	729	475	482	475	482	1.03
C-24	NA	NA	8"	680	489	680	489	680	489	1.33
C-25	NA	NA	8"	700	80	700	80	700	80	1.00
C-26	NA	NA	12"	1600	1440	800	808	800	808	1.78

Asset	Notes	Date	Written By
C-8	board from vav c11 in controls	12/17/2025	Gabe Merk
C-20	board from c29	12/17/2025	Gabe Merk
C-25	COLLAPSED FLEX PREVENTING FLOW INTO VAV	12/16/2025	Gabe Merk

National TAB
Project: Clinton County Jail (Wilmington, OH)
System/Unit: AHU/RTU



Asset: AHU3

AREA:

Unit Data	
	Actual
MFG	MCQUAY
Model Num	CAH035FVAC

Completed By: Gabe Merk on 12/17/2025

National TAB

Project: Clinton County Jail (Wilmington, OH)

AHU/RTU



VAV - Single Duct

AHU3/

Asset										
Asset Name	MFG	Model Num	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
C-37	NA	NA	8"	615	547	615	547	615	547	1.18
C-38	NA	NA	6"	260	257	260	257	260	257	0.82
C-39	NA	NA	6"	260	215	260	215	260	215	1.24
C-40	NA	NA	6"	250	253	250	253	250	253	0.95
C-41	NA	NA	6"	250	256	250	256	250	256	1.25
C-42	NA	NA	14"	1830	1271	1830	1271	1830	1271	1.20
C-43	NA	NA	12"	1080	960	1080	960	1080	960	1.08
C-44	NA	NA	10"	920	701	920	701	920	701	0.89
C-45	NA	NA	14"	1660	1567	1660	1567	1660	1567	1.39
C-46	NA	NA	8"	600	561	600	561	600	561	1.19
C-47	NA	NA	8"	520	499	520	499	520	499	0.95
C-48	NA	NA	12"	1360	1237	1360	1237	1360	1237	1.07
C-49	NA	NA	10"	1120	649	1120	649	1120	649	1.12
C-50	NA	NA	14"	2045	1435	2045	1435	2045	1435	1.32
C-51	NA	NA	8"	600	594	600	594	600	594	1.09
C-52	NA	NA	10"	1060	700	1060	700	1060	700	1.12
C-53	NA	NA	12"	1210	1004	1210	1004	1210	1004	1.14