

Report By:

National TAB
1329 E. KEMPER ROAD
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Report: Prelim

Function: Test, Adjust, & Balance

Date: 10/09/2025

Completed By: National TAB

PROJECT

Eastgate Ambulatory (Union Twnshp, OH)

4155 Aicholtz Rd

Cincinnati, OH 45245

Client

Perfection Group

2649 Commerce Boulevard

Cincinnati, OH 45241

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Project: Eastgate Ambulatory (Union Twnshp, OH)

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: AHU-1

AREA:22 OR NO. 1

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202204
Model Num	NA	RN-007-8-0-EB09-122
Configuration	-	RTU
Num PreFilter 1	-	4
PreFilter Size 1	-	16"X20"X2"

Motor Data		
	Design	Actual
Horsepower	5.0	5
Motor Rpm	-	1760
Phase	3	3
Rated Voltage	208	208
Rated Amperage	16.7	16.7

Test Data		
	Design	Actual
SF CFM	2000	2024
SF RPM	2106	1466
RA CFM	-	1628
OA CFM	375	396
RL Voltage	208	208/206/207
RL Amperage	16.7	6.55 VFD
VFD Max SetPt	-	50HZ
Min OA Damper Position	-	14%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.35"
Fan Suction SP	-	-0.54"
Fan Discharge SP	-	1.07"
Total ESP	3.50	1.42"
Fan Total SP	4.34	1.61"

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

AHU-1/22 OR NO. 1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
A1-1	OR NO. 1	C	28X48	1000	1167	982	98.2
A1-2	OR NO. 1	C	28X48	1000	1216	1042	104.2
Total				2000	2383	2024	101.2%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: AHU-2

AREA:23 OR NO. 2

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202203
Model Num	NA	RN-007-8-0-EB09-122
Configuration	-	RTU
Num PreFilter 1	-	4
PreFilter Size 1	-	16"X20X2"

Motor Data		
	Design	Actual
Horsepower	5.0	5.0
Motor Rpm	-	1760
Phase	3	3
Rated Voltage	208	208
Rated Amperage	16.7	16.7

Test Data		
	Design	Actual
SF CFM	2000	2059
SF RPM	2106	1437
RA CFM	-	1667
OA CFM	375	392
RL Voltage	208	207/208/205
RL Amperage	16.7	6.16 VFD
VFD Max SetPt	-	49HZ
Min OA Damper Position	-	20%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.24"
Fan Suction SP	-	-0.43"
Fan Discharge SP	-	1.05"
Total ESP	3.50	1.29"
Fan Total SP	4.34	1.48"

Completed By: Corey Dick on 10/09/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

AHU-2/23 OR NO. 2

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
A2-1	OR NO. 2	C	24X48	1000	1156	962	96.2
A2-2	OR NO. 2	C	28X48	1000	1306	1097	109.7
Total				2000	2462	2059	102.95%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: AHU-3

AREA:25 OR NO. 3

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202203
Model Num	NA	RN-007-8-0-EB09-122
Configuration	-	RTU
Num PreFilter 1	-	4
PreFilter Size 1	-	16"X20"X2"

Motor Data		
	Design	Actual
Horsepower	5.0	5.0
Motor Rpm	-	1760
Phase	3	3
Rated Voltage	208	208
Rated Amperage	16.7	16.7

Test Data		
	Design	Actual
SF CFM	2000	1937
SF RPM	2106	1437
RA CFM	-	1552
OA CFM	375	385
RL Voltage	208	205/207/206
RL Amperage	16.7	6.41 VFD
VFD Max SetPt	-	49HZ
Min OA Damper Position	-	12%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.33"
Fan Suction SP	-	-0.55"
Fan Discharge SP	-	0.98"
Total ESP	3.50	1.31"
Fan Total SP	4.34	1.53"

Completed By: Aaron Cosby on 10/09/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

AHU-3/25 OR NO. 3

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
A3-1	OR NO. 3	C	28X48	1000	1166	962	96.2
A3-2	OR NO. 3	C	28X48	1000	1278	975	97.5
Total				2000	2444	1937	96.85%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: AHU-4

AREA:26 OR NO. 4

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202203
Model Num	NA	RN-007-8-0-EB09-122
Configuration	-	RTU
Num PreFilter 1	-	4
PreFilter Size 1	-	16"X20"X2"

Motor Data		
	Design	Actual
Horsepower	5.0	5.0
Motor Rpm	-	1760
Phase	3	3
Rated Voltage	208	208
Rated Amperage	16.7	16.7

Test Data		
	Design	Actual
SF CFM	2000	2100
SF RPM	2106	1672
RA CFM	-	1715
OA CFM	375	385
RL Voltage	208	205/207/206
RL Amperage	16.7	7.33 VFD
VFD Max SetPt	-	57HZ
Min OA Damper Position	-	12%

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.39"
Fan Suction SP	-	-0.58"
Fan Discharge SP	-	1.61"
Total ESP	3.50	2.00"
Fan Total SP	4.34	2.19"

Completed By: Corey Dick on 10/09/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

AHU-4/26 OR NO. 4

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
A4-1	OR NO. 4	C	28X48	1000	1068	1087	108.7
A4-2	OR NO. 4	C	28X48	1000	1105	1013	101.3
Total				2000	2173	2100	105%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: AHU-5

AREA:

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202203
Model Num	NA	RN-013-8-0-FB09-000
Configuration	-	RTU
Num PreFilter 1	-	4
PreFilter Size 1	-	20"X25"X2"

Motor Data		
	Design	Actual
Horsepower	7.50	7.5
Motor Rpm	-	1760
Phase	3	3
Rated Voltage	208	208
Rated Amperage	24.2	24.2

Test Data		
	Design	Actual
SF CFM	5086	5504
SF RPM	1957	1965
RA CFM	-	4435
OA CFM	1000	1069
RL Voltage	-	238 VFD
RL Amperage	-	18.40 VFD
VFD Max SetPt	-	67HZ
Min OA Damper Position	-	15%

Performance Data		
	Design	Actual
MA Plenum SP	-	-1.15"
Fan Suction SP	-	-1.75"
Fan Discharge SP	-	2.17"
Total ESP	4.37	3.32"
Fan Total SP	4.37	3.92"

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AHU/RTU



Diffuser Supply (GRD)

AHU-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
A5-1	37	A	8	150	439	157	104.7
A5-2	24	A	10	248	201	254	102.4
A5-3	07	A	6	50	54	55	110.0
A5-4	12	A	6	100	107	105	105.0
A5-5	12	A	8	150	64	162	108.0
A5-6	20	A	6	28	98	30	107.1
A5-7	10	A	12	814	38	745	91.5
A5-8	36	B	6X6	37	50	38	102.7
A5-9	35	A	6	119	128	125	105.0
A5-10	35	A	8	200	146	216	108.0
A5-11	35	A	8	200	272	215	107.5
A5-12	34	A	6	119	136	126	105.9
A5-13	58	A	6	124	268	115	92.7
A5-14	58	A	6	123	124	132	107.3
A5-15	57	A	6	47	27	50	106.4
A5-16	39	A	8	182	44	189	103.8
A5-17	58	A	8	200	224	219	109.5
A5-18	58	A	10	247	248	256	103.6
A5-19	58	A	10	284	294	292	102.8
A5-20	55	A	10	272	440	289	106.3
A5-21	54	A	6	89	81	89	100.0
A5-22	52	A	8	174	223	178	102.3
A5-23	53	B	6X6	35	38	34	97.1
A5-24	49	B	6X6	35	37	37	105.7
A5-25	48	A	8	175	184	184	105.1
A5-26	51	A	10	215	287	236	109.8
A5-27	50	B	6X6	41	53	45	109.8
A5-28	47	A	8	132	134	132	100.0
A5-29	46	B	6X6	40	44	40	100.0
A5-30	56	A	6	88	83	84	95.5
A5-31	45	A	8	150	NOT INSTALLED	0	0.0
A5-32	43	A	6	69	41	64	92.8
A5-33	41	A	6		158	158	-
A5-34	58	A	10	209	241	227	108.6
A5-35	58	A	10	209	226	226	108.1
Total				5355	5232	5504	102.78%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: AHU-6

AREA:

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202203
Model Num	NA	RN-006-8-0-FB09-122
Configuration	-	RTU
Num PreFilter 1	-	4
PreFilter Size 1	-	16"X20"X2"

Motor Data		
	Design	Actual
Horsepower	3.0	3.0
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	10.5

Test Data		
	Design	Actual
SF CFM	2190	2203
SF RPM	1939	1925
RA CFM	-	1746
OA CFM	425	457
RL Voltage	208	211 VFD
RL Amperage	-	6.59 VFD
VFD Max SetPt	-	66HZ
Min OA Damper Position	-	3.2 VDC

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.64"
Fan Suction SP	-	-1.03"
Fan Discharge SP	-	1.35"
Total ESP	3.35	1.99"
Fan Total SP	3.35	2.38"

Completed By: Corey Dick on 10/09/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

AHU-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
A6-1	21	A	14	710	677	697	98.2
A6-2	21	A	14	710	731	742	104.5
A6-3	21	A	14	710	706	707	99.6
A6-4	19	A	6	60	139	57	95.0
Total				2190	2253	2203	100.59%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: RTU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	2422C06536
Model Num	NA	50FC-A05A2A5-0F0A0
Configuration	-	RTU
Num OA Filters 1	-	1
OA Filter Size 1	-	28"X14"
Num PreFilter 1	-	2
PreFilter Size 1	-	16"X25"X2"

Test Data		
	Design	Actual
SF CFM	1401	1399
SF RPM	2043	1914
RA CFM	-	1176
OA CFM	215	223
RL Voltage	208	207
RL Amperage	7.1	6.0
SF System SetPt	-	8.7 VDC
OA Damper Position	-	20%

Motor Data		
	Design	Actual
Phase	3	3
Rated Voltage	208	208
Rated Amperage	7.1	7.1

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.37
Fan Discharge SP	-	0.98"
Total ESP	0.50	0.59"
Fan Total SP	0.85	1.35"

Completed By: Aaron Cosby on 10/10/2025

Notes:
-0.22" MA SP

Written By: Aaron Cosby on 10/10/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

RTU-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
R1-1	14	A	6	66	102	67	101.5
R1-2	06	A	6	100	55	97	97.0
R1-3	06	A	6	100	259	92	92.0
R1-4	03	A	6	100	129	98	98.0
R1-5	04	A	10	270	388	283	104.8
R1-6	03	A	8	182	225	172	94.5
R1-7	03	A	8	182	224	195	107.1
R1-8	16	A	8	50	131	51	102.0
R1-9	16	A	8	175	144	183	104.6
R1-10	16	A	8	176	134	161	91.5
Total				1401	1791	1399	99.86%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: RTU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	0722C05316
Model Num	NA	50FC-A04A2A5-0F0A0
Configuration	-	RTU
Num OA Filters 1	-	1
OA Filter Size 1	-	26"X14"
Num PreFilter 1	-	2
PreFilter Size 1	-	16"X25"X2"

Test Data		
	Design	Actual
SF CFM	1136	1137
SF RPM	-	1914
RA CFM	-	863
OA CFM	285	274
RL Voltage	208	206
RL Amperage	5.1	4.7
SF System SetPt	-	8.7 VDC
OA Damper Position	-	20%

Motor Data		
	Design	Actual
Phase	3	3
Rated Voltage	208	208
Rated Amperage	5.1	5.1

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.48"
Fan Discharge SP	-	0.47"
Total ESP	0.70	0.80"
Fan Total SP	0.82	0.95"

Completed By: Aaron Cosby on 10/10/2025

Notes:
-0.33" MA SP

Written By: Aaron Cosby on 10/10/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

RTU-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
R2-1	09	A	6	28	29	29	103.6
R2-2	13	A	6	111	115	115	103.6
R2-3	06	A	10	306	354	293	95.8
R2-4	05	A	8	165	205	163	98.8
R2-5	27	A	6	99	109	102	103.0
R2-6	28	A	8	162	104	174	107.4
R2-7	33	A	6	103	112	111	107.8
R2-8	69	A	6	81	46	73	90.1
R2-9	67	A	6	81	65	77	95.1
Total				1136	1139	1137	100.09%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: RTU-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	0822C05318
Model Num	NA	50FC-A04A2A5-0F0A0
Configuration	-	RTU
Num OA Filters 1	-	1
OA Filter Size 1	-	26"X14"
Num PreFilter 1	-	2
PreFilter Size 1	-	16"X25"X2"

Test Data		
	Design	Actual
SF CFM	1079	1086
SF RPM	1802	1628
RA CFM	-	831
OA CFM	250	255
RL Voltage	208	206
RL Amperage	5.1	3.0
SF System SetPt	-	7.4 VDC
OA Damper Position	-	20%

Motor Data		
	Design	Actual
Phase	3	3
Rated Voltage	208	208
Rated Amperage	5.1	5.1

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.28"
Fan Discharge SP	-	0.50"
Total ESP	0.70	0.68"
Fan Total SP	0.82	0.78"

Completed By: Aaron Cosby on 10/10/2025

Notes:
-0.18" MA SP

Written By: Aaron Cosby on 10/10/2025

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

RTU-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
R3-1	02	B	6X6	138	156	142	102.9
R3-2	02	B	6X6	138	147	147	106.5
R3-3	02	B	6X6	138	12	136	98.6
R3-4	02	B	6X6	138	124	131	94.9
R3-5	01	B	9X9	146	61	158	108.2
R3-6	30	B	6X6	38	40	40	105.3
R3-7	31	B	6X6	38	46	41	107.9
R3-8	32	A	6	60	56	56	93.3
R3-9	70	B	6X6	42	41	41	97.6
R3-10	68	B	6X6	42	40	40	95.2
R3-11	66	A	6	119	110	110	92.4
R3-12	65	B	6X6	42	37	44	104.8
Total				1079	870	1086	100.65%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: AHU/RTU



Asset: RTU-4

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	0822C05317
Model Num	NA	50FC-A04A2A5-0F0A0
Configuration	-	RTU
Num OA Filters 1	-	1
OA Filter Size 1	-	28"X14"
Num PreFilter 1	-	2
PreFilter Size 1	-	16"X25"X2"

Test Data		
	Design	Actual
SF CFM	1143	1103
SF RPM	1802	
RA CFM	-	622
OA CFM	500	481
RL Voltage	208	207
RL Amperage	5.1	3.2
SF System SetPt	-	7.54 VDC
OA Damper Position	-	20% MARKED

Motor Data		
	Design	Actual
Phase	3	3
Rated Voltage	208	208
Rated Amperage	5.1	5.1

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.30"
Fan Discharge SP	-	0.45"
Total ESP	0.70	0.73"
Fan Total SP	0.82	0.75"

Completed By: Corey Dick on 10/09/2025

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Project: Eastgate Ambulatory (Union Twnshp, OH)

AHU/RTU



Diffuser Supply (GRD)

RTU-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
R4-1	63	A	8	180	112	164	91.1
R4-2	62	B	6X6	53	53	56	105.7
R4-3	64	A	12	380	350	375	98.7
R4-4	61	A	8	150	27	159	106.0
R4-5	64	A	12	380	216	349	91.8
Total				1143	758	1103	96.5%

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:22 OR NO. 1

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

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	1000	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-2

AREA:23 OR NO. 2

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

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	1000	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-3

AREA:25 OR NO. 3

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

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	1000	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-4

AREA:26 OR NO. 4

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

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	1000	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-5

AREA:CENTRAL

Unit Data		
	Design	Actual
MFG	NA	COOK
Model Num	NA	180 ACRU
Serial Num	-	108SJ73521
Type	CRE UPBLAST	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	WESTINGHOUSE
Horsepower	2.0	2.0
Motor Rpm	1396	1740
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	5.48

Drive Data	
	Actual
Motor Sheave Size	4"
Motor Bore Size	1"
Motor Sheave SetPt	0 TURNS OUT
Fan Sheave Size	6"
Fan Sheave Bore	1"
Belt CL Distance	6"
Num of Belts	1
Belt Size	A20

Test Data		
	Design	Actual
CFM	3750	2351
Fan RPM	-	1740
RL Voltage	208	209
RL Amperage	-	4.1
Suction ESP	-	-0.48"
Discharge ESP	-	ATM
Total ESP	1.50	-0.48"

Completed By: Aaron Cosby on 10/10/2025

Notes:
 Diffusers without dampers or above hard ceiling/NA: 14, 20, 21, 22, 23, 24, 13, 4,12
 Cannot get pressure at fan due to caulk. Pressure acquired from space
 Traverse total is 3123 however connected load is 2351
 Proportional balance relative to low flow done

Written By: Aaron Cosby on 10/10/2025

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-5/CENTRAL

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E5-1	15	E	6X6	50	1	21	55	110.0
E5-2	13 RR	E	6X6	50	1	50	49	98.0
E5-3	11	E	16X12	1000	1	171	456	45.6
E5-4	05 RR	D	24X6	165	1	46	52	31.5
E5-5	30	E	6X6	75	1	41	55	73.3
E5-6	31	E	6X6	75	1	51	58	77.3
E5-7	36	E	6X6	75	1	48	51	68.0
E5-8	70	E	6X6	97	1	23	101	104.1
E5-9	68	E	6X6	97	1	85	76	78.4
E5-10	66 RR	D	24X6	118	1	61	98	83.1
E5-11	61	D	24X6	100	1	47	79	79.0
E5-12	60	E	6X6	50	1	23	69	138.0
E5-13	65	E	6X6	75	1	50	44	58.7
E5-14	63	D	24X12	300	1	15	63	21.0
E5-15	20	D	24X6	130	1	57	46	35.4
E5-16	39	D	24X16	120	1	289	86	71.7
E5-17	57	D	24X16	120	1	18	79	65.8
E5-18	41	D	24X12	400	1	33	375	93.8
E5-19	43	D	24X12	200	1	18	217	108.5
E5-20	46	E	6X6	75	1	39	43	57.3
E5-21	46	D	24X6	150	1	23	37	24.7
E5-22	50	E	6X6	75	1	56	37	49.3
E5-23	49	E	6X6	78	1	55	77	98.7
E5-24	53	E	6X6	75	1	52	48	64.0
Total				3750		1372	2351	62.69%

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-6

AREA:STERILIZER

Unit Data		
	Design	Actual
MFG	NA	COOK
Model Num	NA	165 ACRU
Serial Num	-	108SJ7352
Type	CRE UPBLAST	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	48Y
Horsepower	0.33	0.33
Motor Rpm	797	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	5.5

Drive Data	
	Actual
Motor Sheave Size	3"
Motor Bore Size	0.75"
Motor Sheave SetPt	2 TURNS OUT
Fan Sheave Size	6"
Fan Sheave Bore	1"
Belt CL Distance	5.5"
Num of Belts	1
Belt Size	A23

Test Data		
	Design	Actual
CFM	1500	1627
Fan RPM	-	1720
RL Voltage	115	119
RL Amperage	-	(1)
Suction ESP	-	-0.37"
Discharge ESP	-	ATM
Total ESP	0.375	-0.37"

Completed By: Aaron Cosby on 10/07/2025

Notes:
(1) conduit not long enough to take amps safely

Written By: Aaron Cosby on 10/07/2025

Unit Data - PHOTO LOG



10/07/2025

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Exhaust



Asset: EF-7

AREA:MECHANICAL

Unit Data		
	Design	Actual
MFG	NA	COOK
Model Num	NA	108 ACRU
Serial Num	-	108SJ73521
Type	CRE UPBLAST	UPBLAST

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Horsepower	0.50	0.50
Motor Rpm	807	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8

Drive Data	
	Actual
Motor Sheave Size	3"
Motor Bore Size	1"
Motor Sheave SetPt	4.5 TURNS OUT
Fan Sheave Size	6"
Fan Sheave Bore	1"
Belt CL Distance	6"
Num of Belts	1
Belt Size	A24

Test Data		
	Design	Actual
CFM	2500	2280
Fan RPM	-	1552
RL Voltage	115	118
RL Amperage	-	7.3
Suction ESP	-	(1)
Discharge ESP	-	ATM
Total ESP	0.375	(1)

Completed By: Aaron Cosby on 10/10/2025

Notes:
Unable to get pressures at the unit due to curb screws being covered by caulking.

Written By: Corey Dick on 10/09/2025

Test Data - PHOTO LOG



10/09/2025

National TAB

Project: Eastgate Ambulatory (Union Twnshp, OH)

System/Unit: FAN - Supply



Asset: SF-1

AREA:35

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

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	498	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	500	
SF RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.2	
Brake Horse Power	-	

Completed By: Michael Gabbert on 10/01/2025