National TAB

Project: Platte City ASC NueHealth (Platte City, MO)

System/Unit: AHU-DUAL FAN

Asset: RTU-2 AREA:

UNIT DATA - SUPPLY	
	Actual
Manufacturer	DAIKIN
Model Number	DPSA050
Serial Number	FBOU250500594
No. Pre-Filters / Size (1)	8 / 20X24X2
No. Final Filters / Size (1)	4 / 24X24X4

MOTOR DATA - SUPPLY	
	Actual
Motor MFG / Frame	EBM PAPST / NL
Horsepower / RPM	2@ 5.0 / 1840
Rated Volts / Phase	200 / 3
Rated Amperage / SF	2@ 17.90 / NL

TEST DATA - SUPPLY		
	Design	**Actual**
Total CFM	8000 / 7590	7604
OA CFM	3000	2920
Fan RPM	1547	1609
RL Voltage	208	213 / 213
RL Amperage	11.1 * 2	10.8 / 10.8
Motor B.H.P.	7.53 TOTAL	6.04

PERFORMANCE DATA - SUPPLY		
	Design	**Actual**
Static Pressure Stpt	-	1.6 in WC
Suction S.P.	-	-0.59"
Discharge S.P.	-	3.82 / 2.06 [1]
Total S.P.	3.62	4.41"
DX Coil P.D.	0.37	0.27"
Final Filters P.D.	0.07	* 0.16"
Pre-Filters P.D.	0.06	* COMBINED
Total ESP	3.00	2.21

UNIT DATA - EXHAUST/RETURN	
	Actual
Manufacturer	DAIKIN
Model Number	DPSA050
Serial Number	FBOU250500594

MOTOR DATA - EXHAUST/RETURN	
	Actual
Motor MFG / FRAME	
Horsepower / RPM	2.0 /
Rated Volts / Phase	208 / 3
Rated Amperage / SF	4.2

TEST DATA - EXHAUST/RETURN		
	Design	**Actual**
Total CFM	8000 /7590 in econ	
Relief CFM	910 in return mode	
Fan RPM	1140	
RL Voltage	208	
RL Amperage	4.2	
Motor B.H.P.	2.00	

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	0.50	

Notes:
connected load supply 7590 cfm / return grilles 5500 cfm.
[1] Static pressure readings across HEPA filters (before / after)

Written By: Christian Moller on 02/24/2026

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National TAB

Project:Platte City ASC NueHealth (Platte City, MO)

Diffuser Supply (GRD)

SAV2-1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
S21-1	OR1 176	SD-4	24X48	210	193	207	98.6
S21-2	OR1 176	SD-4	24X48	210	240	201	95.7
S21-3	OR1 176	SD-4	24X48	210	141	200	95.2
S21-4	OR1 176	SD-4	24X48	210	251	210	100.0
S21-5	OR1 176	SD-4	24X48	210	268	216	102.9
S21-6	OR1 176	SD-4	24X48	210	273	223	106.2
Total				1260	1366	1257	99.76%

SAV2-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
S22-1	OR2 170	SD-4	24X48	210	177	207	98.6
S22-2	OR2 170	SD-4	24X48	210	250	191	91.0
S22-3	OR2 170	SD-4	24X48	210	128	211	100.5
S22-4	OR2 170	SD-4	24X48	210	236	226	107.6
S22-5	OR2 170	SD-4	24X48	210	236	195	92.9
S22-6	OR2 170	SD-4	24X48	210	250	224	106.7
Total				1260	1277	1254	99.52%

SAV2-3/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
S23-1	FUTURE OR 173	SD-4	24X48	210		194	92.4
S23-2	FUTURE OR 173	SD-4	24X48	210	180	199	94.8
S23-3	FUTURE OR 173	SD-4	24X48	210	163	207	98.6
S23-4	FUTURE OR 173	SD-4	24X48	210	225	230	109.5
S23-5	FUTURE OR 173	SD-4	24X48	210	267	221	105.2
S23-6	FUTURE OR 173	SD-4	24X48	210	274	206	98.1
Total				1260	1109	1257	99.76%

SAV2-4/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
S24-1	FUTURE OR 169	SD-4	24X48	210	170	224	106.7
S24-2	FUTURE OR 169	SD-4	24X48	210	196	204	97.1
S24-3	FUTURE OR 169	SD-4	24X48	210	195	223	106.2
S24-4	FUTURE OR 169	SD-4	24X48	210	215	211	100.5
S24-5	FUTURE OR 169	SD-4	24X48	210	239	220	104.8
S24-6	FUTURE OR 169	SD-4	24X48	210	175	195	92.9
Total				1260	1190	1277	101.35%

VAV2-1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V21-1	CORRIDOR	SD-1	2408	225	179	230	102.2
V21-2	C-04	SD-1	2410	200	213	199	99.5
V21-3	C-03	SD-1	2410	225	218	239	106.2
V21-4	178	SD-1	2408	150	145	149	99.3
Total				800	755	817	102.12%

VAV2-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V22-1	166	SD-1	2410	275	273	281	102.2
V22-2	166	SD-1	2410	250	302	234	93.6

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VAV2-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
Total				525	575	515	98.1%

VAV2-3/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V23-1	165	SD-1	2410	325	135	307	94.5
V23-2	165	SD-1	2410	325	539	345	106.2
Total				650	674	652	100.31%

VAV2-4/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V24-1	164	SD-1	2410	225	85	215	95.6
V24-2	164	SD-1	2410	250	300	256	102.4
V24-3	156	SD-1	2408	100	231	104	104.0
Total				575	616	575	100%

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National TAB

Project:Platte City ASC NueHealth (Platte City, MO)

Diffuser Ret/Exh (GRD)

RAV2-1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
R21-1	OR1 176	RG-2	20X18	550	514	475	86.4
R21-2	OR1 176	RG-2	20X18	525	462	414	78.9
Total				1075	976	889	82.7%

RAV2-2/

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
R22-1	OR2 170	RG-2	20X18	550		414	416	75.6
R22-2	OR2 170	RG-2	20X18	525		511	534	101.7
Total				1075		925	950	88.37%

RAV2-3/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
R23-1	FUTURE OR 173	RG-2	20X18	550	619	599	108.9
R23-2	FUTURE OR 173	RG-2	20X18	525	504	473	90.1
Total				1075	1123	1072	99.72%

RAV2-4/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
R24-1	FUTURE OR 169	RG-2	20X18	525	564	496	94.5
R24-2	FUTURE OR 169	RG-2	20X18	550	712	630	114.5
Total				1075	1276	1126	104.74%

RTU-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
R2-1	164	RG-1	2412	425	412	98	23.1
R2-2	HALL	RG-1	2410	375	345	290	77.3
R2-3	CORRIDOR C-03	RG-1	2410	400	425	398	99.5
Total				1200	1182	786	65.5%

Asset	Notes	Date	Written By
R2-1	AIRFLOW ADJUSTED IN ORDER TO ACHIEVE DESIGN ROOM PRESSURE REQUIREMENT. STILL READING NEUTRAL ROOM PRESSURE.	02/24/2026	Kalen Kemp

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National TAB

Project: Platte City ASC NueHealth (Platte City, MO)

System/Unit: FAN - Exhaust

Asset: EF-5 AREA:SPD

Unit Data	
	Actual
MFG	COOK
Model Num	120C17DEC
Serial Num	299PL85510
Type	CRE

Motor Data	
	Actual
Motor MFG	US MOTORS
Frame	48Y
Horsepower	0.50
Motor Rpm	1800
Phase	1
Voltage (rated)	115
Amperage (rated)	6.4
Service Factor	1.0

Test Data		
	Design	**Actual**
CFM	1325	1295
System SetPt	-	HIGH SPEED
RL Voltage	115	122
RL Amperage	6.4	3.22
Suction ESP	-	-0.39”
Total ESP	0.50	0.39”
Brake Horse Power	-	0.25

Completed By: Kalen Kemp on 02/19/2026

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Unit Data - PHOTO LOG

02/19/2026

02/19/2026

02/19/2026

National TAB

Project:Platte City ASC NueHealth (Platte City, MO)

Diffuser Ret/Exh (GRD)

EF-5/SPD

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E5-1	156	EG-1	8X8	125	1.33	131	131	104.8
E5-2	166	EG-1	16X16	625	1.33	645	645	103.2
E5-3	165	EG-1	16X16	575	1.33	519	519	90.3
Total				1325		1295	1295	97.74%

Completed By: Kalen Kemp on 02/19/2026

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