

Report By:

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



Report: TEST

Function: Test, Adjust, & Balance

Date: 12/12/2025

Completed By: National TAB

PROJECT

UCP Osceola Campus (Kissimmee, FL)

WEST OAK STREET

Kissimmee, FL 34741

Client

Air Temp Celebration

52 Riley Road #260

Celebration, FL 34747

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

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Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: AHU/RTU



Asset: RTU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	
Model Num	NA	50K3AU50
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	15	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	
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
SF CFM	11635	
SF RPM	1008	
RA CFM	9630	
OA CFM	2005	
Relief CFM	-	
RL Voltage	208	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	2.5	
Fan Total SP	-	
Cooling Coil P.D.	-	

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Project:UCP Osceola Campus (Kissimmee, FL)

AHU/RTU



VAV - Single Duct

RTU-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-1-1	NA	NA	SINGLE DUCT	6	365.0		125.0		125.0		
VAV-1-2	NA	NA	SINGLE DUCT	12	1460.0		490.0		490.0		
VAV-1-3	NA	NA	SINGLE DUCT	5	260.0		90.0		90.0		
VAV-1-4	NA	NA	SINGLE DUCT	8	655.0		220.0		220.0		
VAV-1-5	NA	NA	SINGLE DUCT	8	720.0		240.0		240.0		
VAV-1-6	NA	NA	SINGLE DUCT	8	730.0		245.0		245.0		
VAV-1-7	NA	NA	SINGLE DUCT	8	795.0		265.0		265.0		
VAV-1-8	NA	NA	SINGLE DUCT	10	990.0		330.0		330.0		
VAV-1-9	NA	NA	SINGLE DUCT	6	400.0		135.0		135.0		
VAV-1-10	NA	NA	SINGLE DUCT	4	125.0		75.0		75.0		
VAV-1-11	NA	NA	SINGLE DUCT	4	140.0		75.0		75.0		
VAV-1-12	NA	NA	SINGLE DUCT	4	130.0		75.0		75.0		
VAV-1-13	NA	NA	SINGLE DUCT	4	150.0		75.0		75.0		
VAV-1-14	NA	NA	SINGLE DUCT	4	130.0		75.0		75.0		
VAV-1-15	NA	NA	SINGLE DUCT	4	95.0		75.0		75.0		
VAV-1-16	NA	NA	SINGLE DUCT	6	375.0		125.0		125.0		
VAV-1-17	NA	NA	SINGLE DUCT	6	400.0		135.0		135.0		
VAV-1-18	NA	NA	SINGLE DUCT	8	610.0		205.0		205.0		
VAV-1-19	NA	NA	SINGLE DUCT	8	540.0		180.0		270.0		
VAV-1-20	NA	NA	SINGLE DUCT	8	465.0		155.0		232.0		
VAV-1-21	NA	NA	SINGLE DUCT	8	620.0		210.0		210.0		
VAV-1-22	NA	NA	SINGLE DUCT	8	550.0		185.0		275.0		
VAV-1-23	NA	NA	SINGLE DUCT	10	830.0		280.0		415.0		
VAV-1-24	NA	NA	SINGLE DUCT	4	100.0		75.0		0.0		

Diffuser Ret/Exh (GRD)

RTU-1/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design	
R1-1	OFFICE 95 SF	G-3		15				-	

RTU-1/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R1-2	CORRIDOR 004	G-8	4X8	355				-
R1-3	WORKROOM 103	G-3		25				-
R1-4	CORRIDOR 1004 SF	G-3	10X10	325				-
R1-5	CONF 104	G-8	14X8	355				-
R1-6	CONF 104	G-8	14X8	360				-
R1-7	CONF 104	G-3	12X12	345				-
R1-8	OFFICE 112	G-3	6X6	10				-
R1-9	OFFICE 114	G-3		35				-
R1-10	OFFICE 113	G-3	6X6	35				-
R1-11	OFFICE 116	G-3		35				-
R1-12	OFFICE 115	G-3	6X6	35				-
R1-13	TODD 1 143	G-3		405				-
R1-14	PLAN 144B	G-3		120				-
R1-15	LR 3-5 144	G-3	12X12	440				-
R1-16	LR K-2 145	G-3	10X10	345				-
R1-17	LR K-2 145	G-3	6X6	40				-
R1-18	LR PRE-K	G-3	12X12	450				-
R1-19	TODD 2 142	G-3	10X12	460				-
R1-20	PLAN 142B	G-3	6X6	120				-
R1-21	KINDER 141	G-3	14X12	665				-
R1-22	OFFICE 117	G-3	6X6	60				-
R1-23	OFFICE 118	G-3	6X6	60				-
R1-24	CORRIDOR 123 SF	G-3		15				-
R1-25	ELEC 121	G-10	8X8	75				-
R1-26	BREAKROOM 122	G-3	6X6	90				-
R1-27								
R1-28								
R1-29								
R1-30								
R1-31								
R1-32								
R1-33								
R1-34								
R1-35								
R1-36								
R1-37								
R1-38								
R1-39								
Total				5275		0	0	0%

Diffuser Supply (GRD)

VAV-1-1/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
1-1-1	EV 123C	G-1	6	115				-
1-1-2	EV 123B	G-1	6	115				-
1-1-3	EV 123A	G-1	8	135				-
Total				365	0	0		0%

VAV-1-2/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
1-2-1	EV 123C	G-6	10X10	460				-
1-2-2	EV 123B	G-6	10X10	500				-
1-2-3	EV 123A	G-6	10X10	500				-
Total				1460	0	0		0%

VAV-1-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-3-1	EV 123F	G-1	6	60			-
1-3-2	EV 123E	G-1	6	60			-
1-3-3	EV 123D	G-1	8X8	140			-
Total				260	0	0	0%

VAV-1-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-4-1	PRE-SCH 124	G-1	8	160			-
1-4-2	PRE-SCH 124	G-1	8	160			-
1-4-3	PRE-SCH 124	G-1	8	160			-
1-4-4	PRE-SCH 124	G-1	8	150			-
1-4-5	TOILET 124A	G-2	6	25			-
Total				655	0	0	0%

VAV-1-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-5-1	PLAN 111 SF	G-1	6	90			-
1-5-2	PRE-SCH 125	G-1		160			-
1-5-3	PRE-SCH 125	G-1	8	150			-
1-5-4	PRE-SCH 125	G-1	8	160			-
1-5-5	PRE-SCH 125	G-1	10X8	160			-
Total				720	0	0	0%

VAV-1-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-6-1	PRE-K 126	G-1		175			-
1-6-2	PRE-K 126	G-1	8	175			-
1-6-3	PRE-K 126	G-1	8	180			-
1-6-4	PRE-K 126	G-1		175			-
1-6-5	TOILET 125A	G-8		25			-
Total				730	0	0	0%

VAV-1-7/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-7-1	PRE-K 127	G-1		170			-
1-7-2	PRE-K 127	G-1	8	175			-
1-7-3	PLAN 111 SF	G-1	6X6	75			-
1-7-4	TOILET 127A	G-2	4X4	25			-
1-7-5	PRE-K 127	G-1	8	175			-
1-7-6	PRE-K 127	G-1		175			-
Total				795	0	0	0%

VAV-1-8/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-8-1	LOBBY 101	G-7		990			-
Total				990	0	0	0%

VAV-1-9/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-9-1	CONF 104	G-1	10	400			-
Total				400	0	0	0%

VAV-1-10/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-10-1	STAFF TOILET 108	G-2		50			-
1-10-2	WORKROOM 103	G-1	6X6	75			-
Total				125	0	0	0%

VAV-1-11/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-11-1	CHANGING ROOM 106	G-1		70			-
1-11-2	STAFF TOILET 108	G-2	8	25			-
1-11-3	STAFF TOILET 105	G-2		45			-
Total				140	0	0	0%

VAV-1-12/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-12-1	OFFICE 95 SE	G-1		65			-
1-12-2	OFFICE 112	G-1	6	65			-
Total				130	0	0	0%

VAV-1-13/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-13-1	OFFICE 116	G-1		35			-
1-13-2	OFFICE 115	G-1		35			-
1-13-3	CORRIDOR 005	G-1	6	10			-
1-13-4	OFFICE 114	G-1	6	35			-
1-13-5	OFFICE 113	G-1	8X6	35			-
Total				150	0	0	0%

VAV-1-14/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-14-1	OFFICE 118	G-1	6	65			-
1-14-2	OFFICE 117	G-1	6	65			-
Total				130	0	0	0%

VAV-1-15/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-15-1	BREAKROOM 122	G-1		95			-
Total				95	0	0	0%

VAV-1-16/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-16-1	PLAN 111 SF	G-5		190			-
1-16-2	PLAN 111 SF	G-5	10X6	185			-
Total				375	0	0	0%

VAV-1-17/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-17-1	CORRIDOR 1004 SF	G-1		200			-
1-17-2	CORRIDOR 1004 SF	G-1	8	200			-
Total				400	0	0	0%

VAV-1-18/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-18-1	LR PRE-K 146	G-1	10	280			-
1-18-2	LR PRE-K 146	G-1	10	280			-
1-18-3	TOILET 66 SF	G-2	6X6	50			-
Total				610	0	0	0%

VAV-1-19/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-19-1	PLAN 75 SF	G-1	6	50			-
1-19-2	LR K-2 145	G-1	8	245			-
1-19-3	LR K-2 145	G-1	8	245			-
Total				540	0	0	0%

VAV-1-20/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-20-1	LR 3-5	G-1	8	205			-
1-20-2	LR 3-5	G-1	8	210			-
1-20-3	TOILET 81 SF	G-2	6	50			-
Total				465	0	0	0%

VAV-1-21/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-21-1	PLAN 144B	G-1	6	125			-
1-21-2	TODD 1 143	G-1	8	250			-
1-21-3	TODD 1 143	G-1	8	245			-
Total				620	0	0	0%

VAV-1-22/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-22-1	TODD 2 142	G-1	8	250			-
1-22-2	TODD 2 142	G-1	8	250			-
1-22-3	TOILET 142A	G-2	6	50			-
Total				550	0	0	0%

VAV-1-23/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-23-1	PLAN 142B	G-1	6	125			-
1-23-2	KINDER 141	G-1	10	355			-
1-23-3	KINDER 141	G-1	10	350			-
Total				830	0	0	0%

VAV-1-24/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-24-1	CORRIDOR 123 SF	G-1	6	25			-
1-24-2	ELEC 121	G-9		75			-
Total				100	0	0	0%

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: AHU/RTU



Asset: RTU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	
Model Num	NA	50K3AU60
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	20	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	
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
SF CFM	12020	
SF RPM	898	
RA CFM	10045	
OA CFM	1975	
Relief CFM	-	
RL Voltage	208	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	2.5	
Fan Total SP	-	
Cooling Coil P.D.	-	

National TAB

Project:UCP Osceola Campus (Kissimmee, FL)

AHU/RTU



VAV - Single Duct

RTU-2/

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-2-1	NA	NA	SINGLE DUCT	8	530.0		180.0		265.0		
VAV-2-2	NA	NA	SINGLE DUCT	4	170.0		75.0		75.0		
VAV-2-3	NA	NA	SINGLE DUCT	10	855.0		285.0		427.0		
VAV-2-4	NA	NA	SINGLE DUCT	10	855.0		285.0		427.0		
VAV-2-5	NA	NA	SINGLE DUCT	10	815.0		275.0		407.0		
VAV-2-6	NA	NA	SINGLE DUCT	10	990.0		330.0		330.0		
VAV-2-7	NA	NA	SINGLE DUCT	8	540.0		180.0		270.0		
VAV-2-8	NA	NA	SINGLE DUCT	10	835.0		280.0		417.0		
VAV-2-9	NA	NA	SINGLE DUCT	8	735.0		245.0		245.0		
VAV-2-10	NA	NA	SINGLE DUCT	8	800.0		270.0		270.0		
VAV-2-11	NA	NA	SINGLE DUCT	8	760.0		255.0		255.0		
VAV-2-12	NA	NA	SINGLE DUCT	10	940.0		315.0		315.0		
VAV-2-13	NA	NA	SINGLE DUCT	10	1185.0		395.0		395.0		
VAV-2-14	NA	NA	SINGLE DUCT	8	790.0		265.0		265.0		
VAV-2-15	NA	NA	SINGLE DUCT	5	300.0		100.0		100.0		
VAV-2-16	NA	NA	SINGLE DUCT	5	240.0		80.0		120.0		
VAV-2-17	NA	NA	SINGLE DUCT	8	585.0		195.0		195.0		
VAV-2-18	NA	NA	SINGLE DUCT	4	95.0		75.0		0.0		

Diffuser Ret/Exh (GRD)

RTU-2/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R2-1	PLAN 132B	G-3		115				-
R2-2	KINDER 132	G-3	14X14	630				-
R2-3	3RD-5TH GRADE 134	G-3	14X14	740				-
R2-4	PLAN 134B	G-3	8X8	115				-
R2-5	3RD-5TH GRADE 134	G-3	14X14	590				-
R2-6	CORRIDOR 003	G-3	12X12	510				-
R2-7	ESE 3RD-5TH GRADE 135	G-3	16X16	115				-
R2-8	CORRIDOR 007		14X14					
R2-9	PLAN 135A	G-3	8X8	115				-
R2-10	KINDER 140	G-3	16X16	680				-

RTU-2/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R2-11	PLAN 140B	G-3	8X8	115				-
R2-12	1ST GRADE 139	G-3	16X16	515				-
R2-13	1ST GRADE 138	G-3	16X16	690				-
R2-14	PLAN 138B	G-3	6X6	115				-
R2-15	OFFICE 160	G-3	6X6	95				-
R2-16	ELECTRICAL 158	G-10	8X6	90				-
R2-17	CORRIDOR 008	G-3	8X8	225				-
R2-18	OFFICE 159	G-3	6X6	95				-
R2-19	OFFICE 161	G-3	10X8	95				-
R2-20	2ND GRADE 137	G-3	16X18	535				-
R2-21	2ND GRADE 136	G-3	14X14	710				-
R2-22	PLAN 136B		8X8					-
Total				6890		0	0	0%

Diffuser Supply (GRD)

VAV-2-1/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
2-1-1	FOOD WARMING 128A	G-1		265			-	
2-1-2	FOOD WARMING 128A	G-1	10	265			-	
Total				530	0	0	0%	

VAV-2-2/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
2-2-1	STORE 128B	G-1	6	20			-	
2-2-2	MENS 129	G-8	6	50			-	
2-2-3	WOMENS 130	G-8	6	50			-	
2-2-4		G-1	6	25			-	
2-2-5	CUST 149	G-1	6	25			-	
Total				170	0	0	0%	

VAV-2-3/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
2-3-1	KINDER 132	G-1	10	340			-	
2-3-2	KINDER 132	G-1	10	340			-	
2-3-3	PLAN 132B	G-1	6	125			-	
2-3-4	TOILET 132A						-	
Total				805	0	0	0%	

VAV-2-4/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
2-4-1	3RD-5TH GRADE 133	G-1	10	365			-	
2-4-2	3RD-5TH GRADE 133	G-1	10	365			-	
2-4-3	PLAN 134B	G-1	6	125			-	
Total				855	0	0	0%	

VAV-2-5/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
2-5-1	3RD-5TH GRADE 134	G-1	10	380			-	
2-5-2	3RD-5TH GRADE 134	G-1	10	385			-	
2-5-3	TOILET 134A	G-2	6	50			-	
Total				815	0	0	0%	

VAV-2-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-6-1	ESE 3RD-5TH GRADE 135	G-1	12	430			-
2-6-2	ESE 3RD-5TH GRADE 135	G-1	12	435			-
2-6-3	PLAN 135A	G-1	6	125			-
Total				990	0	0	0%

VAV-2-7/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-7-1	CORRIDOR 003						
2-7-2	CORRIDOR 003						
Total				0	0	0	0%

VAV-2-8/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-8-1	KINDER 140	G-1	10	345			-
2-8-2	KINDER 140	G-1	10	340			-
2-8-3	TOILET 140A	G-2	6X6	25			-
2-8-4	PLAN 140B	G-1	6	125			-
Total				835	0	0	0%

VAV-2-9/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-9-1	1ST GRADE 139	G-1	10	345			-
2-9-2	1ST GRADE 139	G-1	10	340			-
2-9-3	TOILET 138A	G-2	6	25			-
Total				710	0	0	0%

VAV-2-10/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-10-1	1ST GRADE 138	G-1	10	340			-
2-10-2	1ST GRADE 138	G-1	10	335			-
2-10-3	PLAN 138B	G-1	6	125			-
Total				800	0	0	0%

VAV-2-11/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-11-1	2ND GRADE 137	G-1	10	365			-
2-11-2	2ND GRADE 137	G-1	10	370			-
2-11-3	TOILET 136A	G-2	6	25			-
Total				760	0	0	0%

VAV-2-12/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-12-1	2ND GRADE 136	G-1	10	405			-
2-12-2	2ND GRADE 136	G-1	10	410			-
2-12-3	PLAN 136B	G-1	6	125			-
Total				940	0	0	0%

VAV-2-13/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-13-1	PRE-K 127	G-6	14X14	595			-
2-13-2	PRE-K 127	G-6	14X14	590			-
Total				1185	0	0	0%

VAV-2-14/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-14-1	FOOD WARMING 128A	G-6		395			-
2-14-2	FOOD WARMING 128A	G-6		395			-
Total				790	0	0	0%

VAV-2-15/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-15-1	OFFICE 159	G-1	6	100			-
2-15-2	OFFICE 160	G-1	6	105			-
2-15-3	OFFICE 161	G-1	8	100			-
Total				305	0	0	0%

VAV-2-16/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-16-1	CORRIDOR 008	G-1	8	120			-
2-16-2	CORRIDOR 008	G-1	8	120			-
Total				240	0	0	0%

VAV-2-17/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-17-1	CORRIDOR 007	G-1	8	195			-
2-17-2	CORRIDOR 007	G-1	8	195			-
2-17-3	CORRIDOR 003	G-1	8	195			-
Total				585	0	0	0%

VAV-2-18/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-18-1	ELECTRICAL 158	G-9		95			-
Total				95	0	0	0%

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: AHU/RTU



Asset: RTU-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	
Model Num	NA	50K3AU34
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	10	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	
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
SF CFM	7765	
SF RPM	934	
RA CFM	6710	
OA CFM	1055	
Relief CFM	-	
RL Voltage	208	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	2.5	
Fan Total SP	-	
Cooling Coil P.D.	-	

National TAB

Project:UCP Osceola Campus (Kissimmee, FL)

AHU/RTU



VAV - Single Duct

RTU-3/

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-3-1	NA	NA	SINGLE DUCT	10	855.0		285.0		427.0		
VAV-3-2	NA	NA	SINGLE DUCT	10	855.0		285.0		427.0		
VAV-3-3	NA	NA	SINGLE DUCT	10	815.0		275.0		407.0		
VAV-3-4	NA	NA	SINGLE DUCT	10	990.0		330.0		330.0		
VAV-3-5	NA	NA	SINGLE DUCT	10	940.0		315.0		315.0		
VAV-3-6	NA	NA	SINGLE DUCT	8	760.0		255.0		255.0		
VAV-3-7	NA	NA	SINGLE DUCT	8	800.0		270.0		270.0		
VAV-3-8	NA	NA	SINGLE DUCT	8	500.0		170.0		250.0		
VAV-3-9	NA	NA	SINGLE DUCT	8	700.0		235.0		235.0		
VAV-3-10	NA	NA	SINGLE DUCT	8	550.0		185.0		275.0		

Diffuser Ret/Exh (GRD)

RTU-3/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R3-1	3RD-5TH GRADE 151	G-3		565				-
R3-2	3RD-5TH GRADE 152	G-3		705				-
R3-3	PLAN 153A	G-3	6X6	115				-
R3-4	CORRIDOR 009	G-3	12X12	520				-
R3-5	3RD-5TH GRADE 153	G-3		755				-
R3-6	PLAN 151A	G-3		115				-
R3-7	3RD-5TH GRADE 155	G-3	14X14	655				-
R3-8	PLAN 154A	G-3	6X6	115				-
R3-9	3RD-5TH GRADE 154	G-3	18X12	710				-
R3-10	PLAN 155A	G-3	6X6	115				-
R3-11	3RD-5TH GRADE 156	G-3	12X12	520				-
R3-12	STORAGE 163	G-3	6X6	35				-
R3-13	CONFERENCE 166	G-3	10X10	425				-
R3-14	OFFICE 164	G-3	8X8	215				-
R3-15	OFFICE 165	G-3	8X8	235				-
R3-16	THERAPY GYM 150	G-3	14X14	810				-
Total				6610		0	0	0%

Diffuser Supply (GRD)

VAV-3-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-1-1	THERAPY GYM 150	G-1	8	200			-
3-1-2	THERAPY GYM 150	G-1	8	200			-
3-1-3	TOILET 151B	G-2	6	50			-
3-1-4	THERAPY GYM 150	G-1	8	205			-
3-1-5	THERAPY GYM 150	G-1	8	200			-
Total				855	0	0	0%

VAV-3-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-2-1	3RD-5TH GRADE 151	G-1	8	180			-
3-2-2	3RD-5TH GRADE 151	G-1	8	185			-
3-2-3	PLAN 151A	G-1	6	125			-
3-2-4	3RD-5TH GRADE 151	G-1	8	185			-
3-2-5	3RD-5TH GRADE 151	G-1	8	180			-
Total				855	0	0	0%

VAV-3-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-3-1	3RD-5TH GRADE 152	G-1	8	190			-
3-3-2	3RD-5TH GRADE 152	G-1	8	190			-
3-3-3	TOILET 152A	G-2	6	50			-
3-3-4	3RD-5TH GRADE 152	G-1	8	195			-
3-3-5	3RD-5TH GRADE 152	G-1	8	190			-
Total				815	0	0	0%

VAV-3-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-4-1	3RD-5TH GRADE 153	G-1	8	215			-
3-4-2	3RD-5TH GRADE 153	G-1	8	215			-
3-4-3	PLAN 153A	G-1	6	125			-
3-4-4	3RD-5TH GRADE 153	G-1	8	220			-
3-4-5	3RD-5TH GRADE 153	G-1	8	215			-
Total				990	0	0	0%

VAV-3-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-5-1	3RD-5TH GRADE 154	G-1	8	205			-
3-5-2	3RD-5TH GRADE 154	G-1	8	200			-
3-5-3	PLAN 154A		6				
3-5-4	3RD-5TH GRADE 154	G-1	8	205			-
3-5-5	3RD-5TH GRADE 154	G-1	8	205			-
Total				815	0	0	0%

VAV-3-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-6-1	3RD-5TH GRADE 155	G-1	8	175			-
3-6-2	3RD-5TH GRADE 155	G-1	8	180			-
3-6-3	TOILET 154B	G-2	6	50			-
3-6-4	3RD-5TH GRADE 155	G-1	8	180			-
3-6-5	3RD-5TH GRADE 155	G-1	8	175			-
Total				760	0	0	0%

VAV-3-7/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-7-1	3RD-5TH GRADE 156	G-1	8	165			-
3-7-2	3RD-5TH GRADE 156	G-1	8	170			-
3-7-3	3RD-5TH GRADE 156	G-1		170			-
3-7-4	3RD-5TH GRADE 156	G-1		170			-
3-7-5	PLAN 155A	G-1	6	125			-
Total				800	0	0	0%

VAV-3-8/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-8-1	CONFERENCE 166	G-1	8	225			-
3-8-2	CONFERENCE 166	G-1	8	225			-
3-8-3	STORAGE 167		6X6				
Total				450	0	0	0%

VAV-3-9/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-9-1	OFFICE 165	G-1	8	250			-
3-9-2	OFFICE 164	G-1	8	225			-
3-9-3	CORRIDOR 008	G-1	6X6	75			-
3-9-4	TOILET 157B	G-2	6	50			-
3-9-5	STORAGE 163	G-1	6	50			-
3-9-6	STAFF TOILET 162	G-2	6	50			-
Total				700	0	0	0%

VAV-3-10/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3-10-1	CORRIDOR 009	G-1	8	180			-
3-10-2	CORRIDOR 009	G-1	8	180			-
3-10-3	CORRIDOR 009	G-1	8	190			-
Total				550	0	0	0%

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	G-120-VG
Serial Num	-	
Type	CRE	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.35	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	1275	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	6.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1	
Brake Horse Power	-	

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-1/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-1	TOILET 81 SF	G-4	6X6	125				-
E1-2	TOILET 142A	G-4	6X6	125				-
E1-3	TOILET 66 SF	G-4	6X6	125				-
E1-4	STAFF TOILET 108	G-4		100				-
E1-5	TOILET 106A	G-4	6X6	100				-
E1-6	CUST. 107	G-4	4	50				-
E1-7	CUST. 002A	G-4		50				-
E1-8	STAFF TOILET 105	G-4	6X6	125				-
E1-9	STAFF TOILET 119	G-4	6X6	125				-
E1-10	TOILET 127A	G-2	6X6	100				-
E1-11	TOILET 125A	G-2	6X6	125				-
E1-12	TOILET 124A	G-4	6X6	125				-
Total				1275		0	0	0%

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: FAN - Exhaust



Asset: EF-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	G-120-VG
Serial Num	-	
Type	CRE	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.36	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	1300	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	6.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1	
Brake Horse Power	-	

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-2/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E2-1	TOILET 136A	G-4	6	125				-
E2-2	TOILET 138A	G-4	6	125				-
E2-3	TOILET 140A	G-4	6X6	125				-
E2-4	TOILET 134A	G-4	6	125				-
E2-5	TOILET 132A	G-4	6	125				-
E2-6	CUST 149	G-2	6X6	100				-
E2-7		G-2	8X8	200				-
E2-8		G-4	6X6	100				-
E2-9	MENS 129	G-4	6X6	100				-
E2-10	WOMENS 130	G-4		100				-
E2-11	WOMENS 130	G-4	6X6	75				-
Total				1300		0	0	0%

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: FAN - Exhaust



Asset: EF-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	G-100-VG
Serial Num	-	
Type	CRE	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.2	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	625	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1	
Brake Horse Power	-	

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-3/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E3-1	TOILET 154B	G-4	6X6	125				-
E3-2	TOILET 157B	G-4	8X6	125				-
E3-3	TOILET 151B	G-4	6X6	125				-
E3-4	STAFF TOILET 162	G-4	6X6	125				-
E3-5	TOILET 152A	G-4	6X6	125				-
Total				625		0	0	0%

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: FAN - Exhaust



Asset: EF-4

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	NA
Serial Num	-	
Type	INLINE CABINET	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	1230	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	100	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.5	
Brake Horse Power	-	

National TAB

Project: UCP Osceola Campus (Kissimmee, FL)

System/Unit: Split Sys Furnace



Asset: DFU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Configuration	-	
Filter Size Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage	-	
Amperage	-	

Test Data		
	Design	Actual
SF CFM	-	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

National TAB

Project:UCP Osceola Campus (Kissimmee, FL)

Split Sys Furnace



Diffuser Supply (GRD)

DFU-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
D2-1	STORAGE 147	G-1	10	322			-
D2-2	TOILET 148	G-2		75			-
Total				397	0	0	0%

Diffuser Ret/Exh (GRD)

DFU-2/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
RD2-1	STORAGE 147	G-3	14X14	322				-
Total				322		0	0	0%