Report By:

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Report: TEST

Function: Test, Adjust, & Balance

Date: 01/29/2026

Completed By: National TAB

PROJECT

Princeton Athletic Facility (Cincinnati, OH)

11180 Chester Road

Cincinnati, OH 45246

Client

Feldkamp Enterprises

3642 Muddy Creek Rd

Cincinnati, OH 45238

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

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Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: AHU/RTU

Asset: RTU-1 AREA:CORRIDOR A301

Unit Data	
	Actual
MFG	DAIKIN
Serial Num	
Model Num	DPSC25B
Configuration	
Num OA Filters 1	
OA Filter Size 1	
Num OA Filters 2	
OA Filter Size 2	
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	
Num Final Filter 1	
Final Filter Size 1	
Num Final Filter 2	
Final Filter Size 2	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	**Actual**
SF CFM	8000	
SF RPM (Initial)	-	
SF RPM	1960	
RA CFM	3200	
OA CFM	4800	
Relief CFM	-	
RL Voltage	460	
RL Amperage	17.5	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
OA Damper Position	-	
Brake Horse Power	13.34	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	6.7	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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Project:Princeton Athletic Facility (Cincinnati, OH)

AHU/RTU

VAV - Single Duct

RTU-1/CORRIDOR A301

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		10	660		300		400		
VAV-2-2	NA	NA		10	525		250		325		
VAV-2-3	NA	NA		10	800		400		600		
VAV-2-4	NA	NA		6	150		100		125		
VAV-2-5	NA	NA		6	150		75		100		
VAV-2-6	NA	NA		6	150		75		100		
VAV-2-7	NA	NA		6	150		75		100		
VAV-2-8	NA	NA		6	150		75		100		
VAV-2-9	NA	NA		16	2400		1600		1800		
VAV-3-1	NA	NA		10	600		200		375		
VAV-3-2	NA	NA		10	600		250		400		
VAV-3-3	NA	NA		8	200		75		150		
VAV-3-4	NA	NA		6	175		75		150		
VAV-3-5	NA	NA		8	300		100		200		
VAV-3-6	NA	NA		8	250		100		175		
VAV-3-7	NA	NA		8	250		100		175		
VAV-3-8	NA	NA		8	275		100		175		
VAV-3-9	NA	NA		10	750		200		500		

Diffuser Supply (GRD)

VAV-2-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-1-1	CORRIDOR A201	S8A	8	110			-
2-1-2	CORRIDOR A201	S8A	8	110			-
2-1-3	CORRIDOR A201	S8A	8	110			-
2-1-4	CORRIDOR A201	S8A	8	110			-
2-1-5	CORRIDOR A201	S8A	8	110			-
2-1-6	CORRIDOR A201	S8A	8	110			-
Total				660	0	0	0%

VAV-2-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-2-1	CORRIDOR A201	S8A	8	135			-
2-2-2	CORRIDOR A201	S8A	8	130			-
2-2-3	LOCKERS A208	S8A	8	130			-
2-2-4	CORRIDOR A201	S8A	8	130			-
Total				525	0	0	0%

VAV-2-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-3-1	OPEN OFFICE A203	S8A	8	160			-
2-3-2	OPEN OFFICE A203	S8A	8	160			-
2-3-3	RECEPTION A204	S8A	8	160			-
2-3-4	RECEPTION A204	S8A	8	160			-

VAV-2-3/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-3-5	OPEN OFFICE A203	S8A	8	160			-
Total				800	0	0	0%

VAV-2-4/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-4-1	RECEPTION A204	S8A	8	150			-
Total				150	0	0	0%

VAV-2-5/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-5-1	OFFICE A205	S8A	8	150			-
Total				150	0	0	0%

VAV-2-6/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-6-1	OFFICE A206	S8A	8	150			-
Total				150	0	0	0%

VAV-2-7/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-7-1	OFFICE A207	S8A	8	150			-
Total				150	0	0	0%

VAV-2-8/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-8-1	LOCKERS A208	S8A	8	150			-
Total				150	0	0	0%

VAV-2-9/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-9-1	STORAGE A213	SG50	6X6	50			-
2-9-2	CLASSROOM A212	S10A	10	400			-
2-9-3	CLASSROOM A212	S10A	10	400			-
2-9-4	CLASSROOM A212	S10A	10	400			-
2-9-5	CLASSROOM A212	S10A	10	400			-
2-9-6	CLASSROOM A212	S10A	10	400			-
2-9-7	CLASSROOM A212	S10A	10	400			-
Total				2450	0	0	0%

VAV-3-1/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-1-1	CORRIDOR A301	S8A	8	100			-
3-1-2	CORRIDOR A301	S8A	8	100			-
3-1-3	CORRIDOR A301	S8A	8	100			-
3-1-4	CORRIDOR A301	S48L	8	200			-
3-1-5	CORRIDOR A301	S8A	8	100			-
3-1-6	CORRIDOR A301	S8A	8	100			-
Total				700	0	0	0%

VAV-3-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-2-1	SUITE A302	S8A	8	150			-
3-2-2	SUITE A302	S8A	8	150			-
3-2-3	SUITE A302	S8A	8	150			-
3-2-4	SUITE A302	S8A	8	150			-

VAV-3-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
Total				600	0	0	0%

VAV-3-3/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-3-1	MEDIA A305	S8A	8	200			-
Total				200	0	0	0%

VAV-3-4/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-4-1	VISITOR A306	S8A	8	175			-
Total				175	0	0	0%

VAV-3-5/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-5-1	OPERATION A308	S8A	8	150			-
3-5-2	OPERATION A308	S8A	8	150			-
Total				300	0	0	0%

VAV-3-6/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-6-1	OPERATION A309	S8A	8	125			-
3-6-2	OPERATION A309	S8A	8	125			-
Total				250	0	0	0%

VAV-3-7/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-7-1	HOME A310	S8A	8	125			-
3-7-2	HOME A310	S8A	8	125			-
Total				250	0	0	0%

VAV-3-8/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-8-1	HOME A311	S8A	8	125			-
3-8-2	HOME A311	S8A	8	125			-
Total				250	0	0	0%

VAV-3-9/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
3-9-1	SUITE A313	S8A	8	125			-
3-9-2	SUITE A313	S8A	8	125			-
3-9-3	SUITE A313	S8A	8	125			-
3-9-4	SUITE A313	S8A	8	125			-
3-9-5	SUITE A313	S8A	8	125			-
3-9-6	SUITE A313	S8A	8	125			-
Total				750	0	0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: Boiler

Asset: BLR-1 AREA:MECHANICAL A106

Unit Data	
	Actual
MFG	FULTON
Model Num	EXE-500
Serial Num	

Test Data		
	Design	**Actual**
GPM	50.0	
EWT (F)	160.5	
LWT (F)	180	
Water Temp Delta T (F)	-	

Circuit Setter

CIRCUIT SETTERS/

Asset							
BLR-1	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		50.0	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-1	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.8	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-2	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.8	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-3	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.8	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-4	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-5	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-6	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-7	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-8	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-9	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
CUH-10	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.5	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-

CUH-11	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		1.5	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
CUH-12	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		1.8	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
CUH-13	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		1.5	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
HWP-1	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		60	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
HWP-2	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		60	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-1	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		1.74	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-2	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		1.41	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-3	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		2.60	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-4	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		0.54	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-5	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		0.43	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-6	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		0.43	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-7	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		0.43	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-8	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		0.43	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-2-9	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
				HOT WATER		7.81	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-

VAV-3-1	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.63	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-2	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		1.74	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-3	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.65	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-4	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.65	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-5	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.87	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-6	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.76	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-7	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.76	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-8	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		0.76	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
VAV-3-9	**Serial Num**	**Size**	**Type**	**Design Service**	**Service**	**Design GPM**	**Design Cv**
				HOT WATER		2.17	
	Cv	**Setting**	**Low Pres**	**High Pres**	**Delta P**	**Final GPM**	**% to Design**
							-
Total						215.51	
						0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: Energy Recovery Unit

Asset: ERV-1 AREA:UNISEX A105A

Unit Data	
	Actual
MFG	VALENT
Model Num	VXE-212-52C-20J-M-G2
Serial Num	
Num Exh-Filters 1	
Exh-Filter Size 1	
Num Exh-Filters 2	
Exh-Filter Size 2	
Num OA-Filters 1	
OA-Supply Size 1	
Num OA-Filters 2	
OA-Filter Size 2	

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

OA Fan Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Brake Horse Power	-	

Exhaust Fan Test Data		
	Design	**Actual**
Exh-ERU CFM	5000	
Exh-ERU RPM	1165	
Motor Frequency	-	
Exh-ERU System SetPt	-	
RL Voltage	460	
RL Amperage	51.8	
Brake Horse Power	-	

Exhaust Fan Performance Data		
	Design	**Actual**
Exh-ERU Filter Delta SP	-	
Exh-ERU Wheel Delta SP	-	
Exh-ERU Inlet T (db/wb)	-	
Exh-ERU Discharge T (db/wb)	-	
Exh-ERU Delta T	-	

OA Fan Test Data		
	Design	**Actual**
OA-ERU CFM	5000	
OA-ERU RPM	1750	
Motor Frequency	-	
RL Voltage	460	
RL Amperage	51.8	

OA Fan Performance Data		
	Design	**Actual**
OA-ERU Filter Delta SP	-	
OA-ERU Wheel Delta SP	-	
OA-ERU Inlet T (db/wb)	-	
OA-ERU Discharge T (db/wb)	-	
OA-ERU Delta T	-	

National TAB

Project:Princeton Athletic Facility (Cincinnati, OH)

Energy Recovery Unit

Diffuser Supply (GRD)

ERV-1/UNISEX A105A

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V1-1	UNISEX A105A	SG100	8x6	100			-
V1-2	CONCESSION STORAGE A102	SG100	8x6	100			-
V1-3	CONCESSION A101	S8A	8	175			-
V1-4	CONCESSION A101	S8A	8	175			-
V1-5	CONCESSION A101	S8A	8	175			-
V1-6	CONCESSION A101	S8A	8	175			-
V1-7	UNISEX A105A	S8A	8	140			-
V1-8	RESTROOM A107B	SG135	14x6	135			-
V1-9	RESTROOM A107B	SG140	14x6	140			-
V1-10	TRAINER A105	S8A	8	150			-
V1-11	TRAINER A105	S8A	8	150			-
V1-12	TRAINER A105	S8A	8	125			-
V1-13	FLEX LOCKER A107	SG140	8x8	140			-
V1-14	FLEX LOCKER A107	SG140	8x8	140			-
V1-15	FLEX LOCKER A107	SG140	8x8	140			-
V1-16	FLEX LOCKER A107	SG140	8x8	140			-
V1-17	FLEX LOCKER A107	SG140	8x8	140			-
V1-18	VESTIBULE A107A	SG50	8x6	50			-
V1-19	FLEX LOCKER A108	SG140	8x8	140			-
V1-20	FLEX LOCKER A108	SG140	8x8	140			-
V1-21	FLEX LOCKER A108	SG140	8x8	140			-
V1-22	FLEX LOCKER A108	SG140	8x8	140			-
V1-23	FLEX LOCKER A108	SG140	8x8	140			-
V1-24	VESTIBULE A108A	SG50	8x6	50			-
V1-25	RESTROOM A108B	SG150	8x8	150			-
V1-26	WOMEN A109	SG200	12x8	200			-
V1-27	WOMEN A109	SG200	12x8	200			-
V1-28	WOMEN A109	SG200	12x8	200			-
V1-29	WOMEN A109	SG200	12x8	200			-
V1-30	WOMEN A109	SG200	12x8	200			-
V1-31	LOBBY A110	S8A	8	155			-
V1-32	LOBBY A110	S8A	8	135			-
V1-33	LOBBY A110	S8A	8	135			-
V1-34	OFFICE A114	SG150	8x6	150			-
V1-35	FAMILY A115	SG120	8X6	120			-
Total				5085	0	0	0%

Diffuser Ret/Exh (GRD)

ERV-1/UNISEX A105A

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
EV1-1	UNISEX A105A	EG100	8X6	100				-
EV1-2	TRAINER A105	EG425	12x12	425				-
EV1-3	RESTROOM A107B	EG150	12x12	150				-
EV1-4	UNISEX A105A	EG75	12x12	75				-
EV1-5		EG50	12x12	50				-
EV1-6	CONCESSION STORAGE A102	EG100	8x6	100				-
EV1-7	ELECTRIC A104	EG100	8x6	100				-
EV1-8	CONCESSION A101	EG700	24x12	700				-
EV1-9	FLEX LOCKER A107	EG350	12x12	350				-
EV1-10	FLEX LOCKER A107	EG350	12x12	350				-
EV1-11	FLEX LOCKER A108	EG350	12x12	350				-
EV1-12	RESTROOM A108B	EG50	12x12	50				-
EV1-13	FLEX LOCKER A108	EG350	12x12	350				-
EV1-14	RESTROOM A108B	EG100	12x12	100				-
EV1-15	WOMEN A109	EG500	24x12	500				-
EV1-16	WOMEN A109	EG500	24x12	500				-
EV1-17	ELECTRIC A112	EG50	8x6	50				-
EV1-18	LOBBY A110	EG425	12x12	425				-
EV1-19	OFFICE A114	EG150	8x6	150				-
EV1-20	FAMILY A115	EG120	8X6	120				-
Total				4995		0	0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: Energy Recovery Unit

Asset: ERV-2 AREA:

Unit Data	
	Actual
MFG	VALENT
Model Num	VXE-212-52C-20J-M-G2
Serial Num	
Num Exh-Filters 1	
Exh-Filter Size 1	
Num Exh-Filters 2	
Exh-Filter Size 2	
Num OA-Filters 1	
OA-Supply Size 1	
Num OA-Filters 2	
OA-Filter Size 2	

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

OA Fan Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Brake Horse Power	-	

Exhaust Fan Test Data		
	Design	**Actual**
Exh-ERU CFM	5000	
Exh-ERU RPM	1165	
Motor Frequency	-	
Exh-ERU System SetPt	-	
RL Voltage	460	
RL Amperage	51.8	
Brake Horse Power	-	

Exhaust Fan Performance Data		
	Design	**Actual**
Exh-ERU Filter Delta SP	-	
Exh-ERU Wheel Delta SP	-	
Exh-ERU Inlet T (db/wb)	-	
Exh-ERU Discharge T (db/wb)	-	
Exh-ERU Delta T	-	

OA Fan Test Data		
	Design	**Actual**
OA-ERU CFM	5000	
OA-ERU RPM	1750	
Motor Frequency	-	
RL Voltage	-	
RL Amperage	-	

OA Fan Performance Data		
	Design	**Actual**
OA-ERU Filter Delta SP	-	
OA-ERU Wheel Delta SP	-	
OA-ERU Inlet T (db/wb)	-	
OA-ERU Discharge T (db/wb)	-	
OA-ERU Delta T	-	

National TAB

Project:Princeton Athletic Facility (Cincinnati, OH)

Energy Recovery Unit

Diffuser Supply (GRD)

ERV-2/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-1	EQUIPMENT A119	SG250	12X8	250			-
V2-2	LOCKER ROOM A117	SG330	12X10	330			-
V2-3	VESTIBULE A117C	SG50	8X6	50			-
V2-4	LOCKER ROOM A117	SG330	12X10	330			-
V2-5	LOCKER ROOM A117	SG270	12X10	270			-
V2-6	LOCKER ROOM A117	SG330	12X10	330			-
V2-7	LOCKER ROOM A117	SG270	12X10	270			-
V2-8	COACH A118	S8A	8	200			-
V2-9	LOCKER ROOM A117	SG330	12X10	330			-
V2-10	LOCKER ROOM A117	SG330	12X10	330			-
V2-11	LOCKER ROOM A117	SG240	14X6	240			-
V2-12	LOCKER ROOM A117	SG330	12X10	330			-
V2-13	LOCKER ROOM A117	SG240	14X6	240			-
V2-14	VESTIBULE A117A	SG50	8X6	50			-
V2-15	RESTROOM A117B	SG125	12X6	125			-
V2-16	RESTROOM A117B	SG125	12X6	125			-
V2-17	RESTROOM A117B	SG125	12X6	125			-
V2-18	RESTROOM A117B	SG125	12X6	125			-
V2-19	MEN A116	SG140	14X6	140			-
V2-20	MEN A116	SG140	14X6	140			-
V2-21	MEN A116	SG140	14X6	140			-
V2-22	MEN A116	SG140	14X6	140			-
V2-23	MEN A116	SG140	14X6	140			-
V2-24	OFFICAL'S A120	SG100	8X6	100			-
V2-25	RESTROOM A120A	SG100	8X6	100			-
Total				4950	0	0	0%

Diffuser Ret/Exh (GRD)

ERV-2/

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
EV2-1	EQUIPMENT A119	EG250	12X8	250				-
EV2-2	LOCKER ROOM A117	EG375	12X12	375				-
EV2-3	LOCKER ROOM A117	EG375	12X12	375				-
EV2-4	LOCKER ROOM A117	EG375	12X12	375				-
EV2-5	LOCKER ROOM A117	EG375	12X12	375				-
EV2-6	LOCKER ROOM A117	EG375	12X12	375				-

ERV-2/

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
EV2-7	LOCKER ROOM A117	EG375	12X12	375				-
EV2-8	LOCKER ROOM A117	EG375	12X12	375				-
EV2-9	LOCKER ROOM A117	EG375	12X12	375				-
EV2-10	RESTROOM A117B	EG450	12X12	450				-
EV2-11	RESTROOM A117B	EG100	12X12	100				-
EV2-12	MEN A116	EG350	12X12	350				-
EV2-13	MEN A116	EG350	12X12	350				-
EV2-14	OFFICIAL'S A120	EG100	12X12	100				-
EV2-15	OFFICIAL'S A120	EG50	12X12	50				-
EV2-16	OFFICIAL'S A120	EG50	12X12	50				-
Total				4700		0	0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-3 AREA:LOCKERS A208

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	ACED-EC
Serial Num	-	
Type	DOWNBLAST CENTRIFUGAL	

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

Test Data		
	Design	**Actual**
CFM	300	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Princeton Athletic Facility (Cincinnati, OH)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-3/LOCKERS A208

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E3-1	LOCKERS A208	E8A		150				-
E3-2	UNISEX A209	E8A		75				-
E3-3	JANITOR A211	EG50	6X6	50				-
E3-4	UNISEX A210	E8A		75				-
Total				350		0	0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-4 AREA:UNISEX A303

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	ACED-EC
Serial Num	-	
Type	DOWNBLAST CENTRIFUGAL	

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

Test Data		
	Design	**Actual**
CFM	200	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Princeton Athletic Facility (Cincinnati, OH)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-4/UNISEX A303

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E4-1	UNISEX A303	E6D		75				-
E4-2	JAN A304	E6D		50				-
E4-3	UNISEX A312	E6D	6	75				-
Total				200		0	0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-5 AREA:LOCKER ROOM D100

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	SQND-EC
Serial Num	-	
Type	CENTRIFUGAL SQUARE INLINE	

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

Test Data		
	Design	**Actual**
CFM	1000	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: EF-6 AREA:JANITOR D100B

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

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

Test Data		
	Design	**Actual**
CFM	200	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: KEF-1 AREA:CONCESSION A101

Unit Data		
	Design	**Actual**
MFG	NA	GREASEMASTER
Model Num	NA	GMDU180H
Serial Num	-	
Type	CENTRIFUGAL UPBLAST	

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

Test Data		
	Design	**Actual**
CFM	2625	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Exhaust

Asset: MAF-1 AREA:LOCKER ROOM D100

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	SQND-EC
Serial Num	-	
Type	CENTRIFUGAL SQUARE INLINE	

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

Test Data		
	Design	**Actual**
CFM	1000	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: FAN - Supply

Asset: MAU-1 AREA:CONCESSION A101

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

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

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	
Flame Status (pass/fail)	-	
Inlet Air Temp SetPt	-	
Discharge Air Temp SetPt	-	
Air Flow Switch SP Actual	-	

Test Data		
	Design	**Actual**
CFM	-	
SF RPM	-	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project:Princeton Athletic Facility (Cincinnati, OH)

FAN - Supply

Diffuser Supply (GRD)

MAU-1/CONCESSION A101

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
M1-1	CONCESSION A101	S14A	14	525			-
M1-2	CONCESSION A101	S14A	14	525			-
M1-3	CONCESSION A101	S14A	14	525			-
M1-4	CONCESSION A101	S14A	14	525			-
Total				2100	0	0	0%

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: Pump

Asset: HWP-1 AREA:MECHANICAL A106

Unit Data		
	Design	**Actual**
MFG	NA	BELL & GOSSETT
Model Num	NA	65-130
Serial Num	-	
Service	-	
Type	-	
Configuration	-	
Pump RPM	-	
GPM/HD	-	
Impeller Diameter	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage	-	
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

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)	175	
Final GPM	60	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208-230	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: Princeton Athletic Facility (Cincinnati, OH)

System/Unit: Pump

Asset: HWP-2 AREA:MECHANICAL A106

Unit Data		
	Design	**Actual**
MFG	NA	BELL & GOSSETT
Model Num	NA	65-130
Serial Num	-	
Service	-	
Type	-	
Configuration	-	
Pump RPM	-	
GPM/HD	-	
Impeller Diameter	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage	-	
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

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)	175	
Final GPM	60	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208-230	
RL Amperage	-	
Brake Horse Power	-	