Report By:

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

NATIONAL TAB
INTELLIGENCE

Report: TEST

Function: Test, Adjust, & Balance

Date: 02/13/2026

Completed By: National TAB

PROJECT

Riverside Amphitheater (Riverside, MO)

1001 NW Argosy Pkwy

Riverside, MO 64150

Client

Temp-Con, Inc.

15670 S Keller St

Olathe, KS 66062

FaciliBuild
make it easy

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Project: Riverside Amphitheater (Riverside, MO)

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National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 14-1 AREA:RESTROOM 1409

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK090A4SBL
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	2250	
SF RPM	-	
RA CFM	1650	
OA CFM	600	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	1.60	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.300	
Fan Total SP	1.491	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

VAV - Single Duct

RTU 14-1/RESTROOM 1409

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 14-1	TRANE	VCEF08		8	650		130		325		
VAV 14-2	TRANE	VCEF06		6	400		80		200		
VAV 14-3	TRANE	VCEF06		6	400		80		200		
VAV 14-4	TRANE	VCEF06		6	400		80		200		
VAV 14-5	TRANE	VCEF06		6	400		80		200		

Diffuser Supply (GRD)

VAV 14-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-1-1	ARTIST LOUNGE 1401	SPB2	10	215			-
14-1-2	ARTIST LOUNGE 1401	SPB2	10	215			-
14-1-3	ARTIST LOUNGE 1401	SPB2	10	220			-
Total				650	0	0	0%

VAV 14-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-2-1	RESTROOM 1403	SPB1	8	100			-
14-2-2	DRESSING 1402	SPB2	8	150			-
14-2-3	DRESSING 1402	SPB2	8	150			-
Total				400	0	0	0%

VAV 14-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-3-1	RESTROOM 1405	SPB1	8	100			-
14-3-2	DRESSING 1404	SPB2	8	150			-
14-3-3	DRESSING 1404	SPB2	8	150			-
Total				400	0	0	0%

VAV 14-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-4-1	RESTROOM 1407	SPB1	8	100			-
14-4-2	DRESSING 1406	SPB2	8	150			-
14-4-3	DRESSING 1406	SPB2	8	150			-
Total				400	0	0	0%

VAV 14-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-5-1	RESTROOM 1409	SPB1	8	100			-
14-5-2	DRESSING 1408	SPB2	8	150			-
14-5-3	DRESSING 1408	SPB2	8	150			-
Total				400	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 14-2 AREA:TOUR PRODUCTION 1423

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK150A4SBH
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	3750.	
SF RPM	-	
RA CFM	2750	
OA CFM	1000	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	2.46	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.350	
Fan Total SP	1.540	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

VAV - Single Duct

RTU 14-2/TOUR PRODUCTION 1423

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 14-9	TRANE	VCEF06		8	650		130		325		
VAV 14-10	TRANE	VCEF08		6	350		70		175		
VAV 14-11	TRANE	VCEF06		6	350		70		175		
VAV 14-12	TRANE	VCEF06		6	350		70		175		
VAV 14-13	TRANE	VCEF06		6	350		70		175		
VAV 14-14	TRANE	VCEF06		6	350		70		175		
VAV 14-15	TRANE	VCEF14		8	650		130		325		
VAV 14-16	TRANE	VCEF14		8	600		120		300		

Diffuser Supply (GRD)

VAV 14-9/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-9-1	TOUR MANAGER 1421	CSD1	10	300			-
14-9-2	TOUR PRODUCTION 1422	CSD1	10	350			-
Total				650	0	0	0%

VAV 14-10/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-10-1	TOUR PRODUCTION 1423	CSD1	10	350			-
Total				350	0	0	0%

VAV 14-11/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-11-1	RESTROOM 1431	SPB1	8	50			-
14-11-2	DRESSING 1430	SPB2	8	150			-
14-11-3	DRESSING 1430	SPB2	8	150			-
Total				350	0	0	0%

VAV 14-12/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-12-1	RESTROOM 1429	SPB1	8	50			-
14-12-2	RESTROOM 1429	SPB2	8	150			-
14-12-3	RESTROOM 1429	SPB2	8	150			-
Total				350	0	0	0%

VAV 14-13/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-13-1	RESTROOM 1427	SPB1	8	50			-
14-13-2	DRESSING 1426	SPB2	8	150			-
14-13-3	DRESSING 1426	SPB2	8	150			-

VAV 14-13/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
Total				350	0	0	0%

VAV 14-14/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
14-14-1	RESTROOM 1425	SPB1	8	50			-
14-14-2	DRESSING 1424	SPB2	8	150			-
14-14-3	DRESSING 1424	SPB2	8	150			-
Total				350	0	0	0%

VAV 14-15/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
14-15-1	ARTIST LOUNGE 1432	SPB2	10	215			-
14-15-2	ARTIST LOUNGE 1432	SPB2	10	215			-
14-15-3	ARTIST LOUNGE 1432	SPB2	10	220			-
Total				650	0	0	0%

VAV 14-16/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
14-16-1	WOMEN 1419	CSD2	8	150			-
14-16-2	CREW SHOWERS 1418	CSD1	10	300			-
14-16-3	MEN 1417	CSD2	8	150			-
Total				600	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 14-3 AREA:

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK180A4S0L
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	5200.	
SF RPM	-	
RA CFM	4200	
OA CFM	1000	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	3.12	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.300	
Fan Total SP	1.527	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

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Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

VAV - Single Duct

RTU 14-3/

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 14-6	TRANE	VCEF14	14	1700	340		340		850		
VAV 14-7	TRANE	VCEF14	14	1700	340		340		850		
VAV 14-8	TRANE	VCEF14	14	1800	360		360		900		

Diffuser Supply (GRD)

VAV 14-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-6-1	CREW CATERING 1410	SPB2	10	240			-
14-6-2	CREW CATERING 1410	SPB2	10	250			-
14-6-3	CREW CATERING 1410	SPB2	10	240			-
14-6-4	CREW CATERING 1410	SPB2	10	250			-
14-6-5	CREW CATERING 1410	SPB2	10	250			-
14-6-6	CREW CATERING 1410	SPB2	10	240			-
14-6-7	CREW CATERING 1410	SPB2	10	250			-
Total				1720	0	0	0%

VAV 14-7/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-7-1	CREW CATERING 1410	SPB2	10	240			-
14-7-2	CREW CATERING 1410	SPB2	10	240			-
14-7-3	CREW CATERING 1410	SPB2	10	240			-
14-7-4	CREW CATERING 1410	SPB2	10	240			-
14-7-5	CREW CATERING 1410	SPB2	10	240			-
14-7-6	CREW CATERING 1410	SPB2	10	250			-
14-7-7	CREW CATERING 1410	SPB2	10	250			-
Total				1700	0	0	0%

VAV 14-8/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
14-8-1	KITCHEN 1413	CSD3	12	600			-
14-8-2	KITCHEN 1413	CSD3	12	600			-
14-8-3	KITCHEN 1413	CSD3	12	600			-
Total				1800	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 2-1 AREA:F&B OFFICE 208

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK102A4S0H
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	2450.	
SF RPM	-	
RA CFM	1850	
OA CFM	600	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	1.78	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.700	
Fan Total SP	0.979	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

Diffuser Supply (GRD)

RTU 2-1/F&B OFFICE 208

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-1-1	F&B COMMISSARY 212	SG1	12X6	200			-
2-1-2	F&B COMMISSARY 212	SG1	12X6	200			-
2-1-3	F&B CHECK-IN 215	SG1	12X8	300			-
2-1-4	MAINTENANCE SHOP 216	SG1	12X6	215			-
2-1-5	MAINTENANCE SHOP 216	SG1	12X6	215			-
2-1-6	MAINTENANCE SHOP 216	SG1	12X6	210			-
2-1-7	MAINTENANCE SHOP 216	SG1	12X6	210			-
2-1-8	RESTROOM 207.3	CSD2	6	50			-
2-1-9	LIQUOR STORAGE 207.2	CSD1	6	100			-
2-1-10	F&B OFFICE 208	CSD1	8	225			-
2-1-11	F&B 208	CSD1	8	225			-
2-1-12	COMMISSARY STORAGE 207.1	CSD1	8	125			-
2-1-13	COMMISSARY STORAGE 207.1	CSD1	8	125			-
2-1-14	COMMISSARY STORAGE 207.1	CSD1	8	125			-
2-1-15	COMMISSARY STORAGE 207.1	CSD1	8	125			-
Total				2650	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 2-2 AREA:VIP KITCHEN 210

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK240A4S0H
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	6000.	
SF RPM	-	
RA CFM	3950	
OA CFM	2050	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	3.60	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.800	
Fan Total SP	1.122	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

Diffuser Supply (GRD)

RTU 2-2/VIP KITCHEN 210

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-2-1	VIP KITCHEN 210	CSD1	10	400			-
2-2-2	VIP KITCHEN 210	CSD1	10	400			-
2-2-3	VIP KITCHEN 210	CSD1	10	400			-
2-2-4	VIP KITCHEN 210	CSD1	10	400			-
2-2-5	VIP KITCHEN 210	CSD1	10	400			-
2-2-6	VIP KITCHEN 210	CSD1	10	400			-
2-2-7	VIP KITCHEN 210	CSD3	14	750			-
2-2-8	VIP KITCHEN 210	CSD3	10	300			-
2-2-9	VIP KITCHEN 210	CSD3	14	750			-
2-2-10	VIP KITCHEN 210	CSD3	10	300			-
2-2-11	VIP KITCHEN 210	CSD3	14	750			-
2-2-12	VIP KITCHEN 210	CSD3	14	750			-
Total				6000	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 2-3 AREA:VIP CLUB

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK180A4S0H
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	4500.	
SF RPM	-	
RA CFM	3250	
OA CFM	1250	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	2.79	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.800	
Fan Total SP	1.011	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

Diffuser Supply (GRD)

RTU 2-3/VIP CLUB

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-3-1	VIP CLUB	SG1	12X8	290			-
2-3-2	VIP CLUB	SG1	12X8	290			-
2-3-3	VIP CLUB	SG1	12X8	290			-
2-3-4	VIP CLUB	SG1	12X8	290			-
2-3-5	VIP CLUB	SG1	12X8	290			-
2-3-6	VIP CLUB	SG1	12X8	290			-
2-3-7	VIP CLUB	SG1	12X8	320			-
2-3-8	VIP CLUB	SG1	12X8	290			-
2-3-9	VIP CLUB	SG1	12X8	320			-
2-3-10	VIP CLUB	SG1	12X8	290			-
2-3-11	VIP CLUB	SG1	12X8	320			-
2-3-12	VIP CLUB	SG1	12X8	290			-
2-3-13	VIP CLUB	SG1	12X8	320			-
2-3-14	VIP CLUB	SG1	12X8	290			-
2-3-15	VIP CLUB	SG1	12X8	320			-
Total				4500	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 2-4 AREA:VIP CLUB

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK180A4S0H
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	4500.	
SF RPM	-	
RA CFM	3250	
OA CFM	1250	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	2.79	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.800	
Fan Total SP	1.011	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

Diffuser Supply (GRD)

RTU 2-4/VIP CLUB

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-4-1	VIP CLUB	SG1	10X10	265			-
2-4-2	VIP CLUB	SG1	10X10	270			-
2-4-3	VIP CLUB	SG1	10X10	265			-
2-4-4	VIP CLUB	SPB2	10	275			-
2-4-5	VIP CLUB	SPB2	10	275			-
2-4-6	WOMEN 204	SPB2	8	200			-
2-4-7	MEN 206	SPB2	8	200			-
2-4-8	VIP CLUB	SPB2	10	275			-
2-4-9	VIP CLUB	SPB2	10	275			-
2-4-10	VIP CLUB	SPB2	10	275			-
2-4-11	VIP CLUB	SPB2	10	275			-
2-4-12	VIP CLUB	SPB2	10	275			-
2-4-13	VIP CLUB	SPB2	10	275			-
2-4-14	VIP CLUB	SPB2	10	275			-
2-4-15	VIP CLUB	SPB2	10	275			-
2-4-16		SPB2	10	275			-
2-4-17		SPB2	10	275			-
Total				4500	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 5-1 AREA:CONCESSION 3 KITCHEN

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK300A4S0H
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	7500.	
SF RPM	-	
RA CFM	5220	
OA CFM	2280	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	4.66	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.900	
Fan Total SP	1.363	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

Diffuser Supply (GRD)

RTU 5-1/CONCESSION 3 KITCHEN

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
5-1-1	CONCESSION/PREP 509	CSD1	12	625			-
5-1-2	CONCESSION/PREP 509	CSD1	12	490			-
5-1-3	CONCESSION 3 KITCHEN	CSD1	12	625			-
5-1-4	CONCESSION 3 KITCHEN	CSD3	10	380			-
5-1-5	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-6	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-7	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-8	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-9	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-10	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-11	CONCESSION 3 KITCHEN	CSD3	12	625			-
5-1-12	CONCESSION 3 KITCHEN	CSD3	10	380			-
5-1-13	CONCESSION 3 KITCHEN	CSD3	12	625			-
Total				7500	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 5-2 AREA:CONCESSION/PREP

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK300A4S0H
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	7500.	
SF RPM	-	
RA CFM	5220	
OA CFM	2280	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	4.66	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.900	
Fan Total SP	1.363	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

Diffuser Supply (GRD)

RTU 5-2/CONCESSION/PREP

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
5-2-1	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-2	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-3	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-4	CONCESSION 2 KITCHEN	CSD1	12	500			-
5-2-5	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-6	CONCESSION/PREP 509	CRG3	22X22	370			-
5-2-7	CONCESSION/PREP 509	CRG3	22X22	370			-
5-2-8	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-9	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-10	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-11	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-12	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-13	CONCESSION 2 KITCHEN	CSD3	10	380			-
5-2-14	CONCESSION 2 KITCHEN	CSD3	12	500			-
5-2-15	CONCESSION 2 KITCHEN	CSD3	10	380			-
5-2-16	CONCESSION 2 KITCHEN	CSD3	12	500			-
Total				7500	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: AHU/RTU

Asset: RTU 8-1 AREA:BOX OFFICE 801

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	YZK180A4SBL
Num PreFilter 1	
PreFilter Size 1	
Num PreFilter 2	
PreFilter Size 2	

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

Test Data		
	Design	**Actual**
SF CFM	6000.	
SF RPM	-	
RA CFM	5500	
OA CFM	500	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF System SetPt	-	
OA Damper Position	-	
Brake Horse Power	3.63	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.35	
Fan Total SP	1.752	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

AHU/RTU

VAV - Single Duct

RTU 8-1/BOX OFFICE 801

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 8-1	TRANE	VCEF14		14	1500		320		750		
VAV 8-2	TRANE	VCEF08		8	550		110		275		
VAV 8-3	TRANE	VCEF08		8	550		110		275		
VAV 8-4	TRANE	VCEF10		10	750		165		375		
VAV 8-5	TRANE	VCEF10		10	1050		210		525		
VAV 8-6	TRANE	VCEF08		8	450		105		225		
VAV 8-7	TRANE	VCEF06		6	400		80		200		
VAV 8-8	TRANE	VCEF08		8	500		105		250		
VAV 8-9	TRANE	VCEF06		6	300		60		166		

Diffuser Supply (GRD)

VAV 8-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
8-1-1	BOX OFFICE 801	SG1	10X6	100			-
8-1-2	BOX OFFICE 801	CSD1	12	450			-
8-1-3	BOX OFFICE 801	CSD1	12	450			-
8-1-4	LOBBY 802	CSD1	12	500			-
Total				1500	0	0	0%

VAV 8-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
8-2-1	OPEN OFFICE 807	CSD1	8	200			-
8-2-2	OFFICE 803	CSD1	10	350			-
Total				550	0	0	0%

VAV 8-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
8-3-1	OFFICE 804	CSD1	10	250			-
8-3-2	OFFICE 805	CSD1	10	300			-
Total				550	0	0	0%

VAV 8-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
8-4-1	GM OFFICE 806	CSD1	8	185			-
8-4-2	GM OFFICE 806	CSD1	8	190			-
8-4-3	GM OFFICE 806	CSD1	8	185			-
8-4-4	GM OFFICE 806	CSD1	8	190			-
Total				750	0	0	0%

VAV 8-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
8-5-1	STORAGE 814	SG1	8X6	100			-
8-5-2	OPEN OFFICE 807	CSD1	8	175			-
8-5-3	OPEN OFFICE 807	CSD1	8	175			-

VAV 8-5/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
8-5-4	OPEN OFFICE 807	CSD1	8	175			-
8-5-5	OPEN OFFICE 807	CSD1	8	175			-
8-5-6	OPEN OFFICE 807	CSD1	8	175			-
8-5-7	OPEN OFFICE 807	CSD1	8	175			-
Total				1150	0	0	0%

VAV 8-6/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
8-6-1	OFFICE 809	CSD1	8	200			-
8-6-2	OFFICE 808	CSD1	10	250			-
Total				450	0	0	0%

VAV 8-7/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
8-7-1	OFFICE 810	CSD1	8	200			-
8-7-2	OFFICE 811	CSD1	8	200			-
Total				400	0	0	0%

VAV 8-8/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
8-8-1	SECURITY OFFICE 821	CSD1	8	100			-
8-8-2	PARK. STOR. 812	SG1	10X6	100			-
8-8-3	SECURITY/CHECK -IN 817	CSD1	10	300			-
Total				500	0	0	0%

VAV 8-9/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
8-9-1	FIRST AID 818	CSD1	10	300			-
Total				300	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 1-1 AREA:PERFORMANCE PLATFORM 101

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	54EW422D06
Serial Num	-	
Type	WALL	

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

Test Data		
	Design	**Actual**
CFM	35000	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 11-1 AREA:WOMEN'S 1105

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	245C17D (VF2)
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	5425	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 11-1/WOMEN'S 1105

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E11-1-1	WOMEN'S 1105	ERG1	18X10	350				-
E11-1-2	FAMILY 1104	ERG1	10X6	100				-
E11-1-3	FAMILY 1103	ERG1	10X6	100				-
E11-1-4	MEN'S 1101	ERG1	18X10	375				-
E11-1-5	WOMEN'S 1105	ERG1	18X10	450				-
E11-1-6	JANITOR 1106	ERG1	10X6	100				-
E11-1-7	WOMEN'S 1105	ERG1	18X10	450				-
E11-1-8	WOMEN'S 1105	ERG1	18X10	450				-
E11-1-9	WOMEN'S 1105	ERG1	18X10	450				-
E11-1-10	WOMEN'S 1105	ERG1	18X10	450				-
E11-1-11	MEN'S 1101	ERG1	18X10	450				-
E11-1-12	MEN'S 1101	ERG1	18X10	450				-
E11-1-13	JANITOR 1102.1	ERG1	10X6	100				-
E11-1-14	MEN'S 1101	ERG1	18X10	450				-
E11-1-15	WOMEN'S 1105	ERG1	18X10	350				-
E11-1-16	WOMEN'S 1105	ERG1	18X10	350				-
Total				5425		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 13-1 AREA:WOMEN'S 1301

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	210C17D (VF2)
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	3450	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 13-1/WOMEN'S 1301

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E13-1-1	WOMEN'S 1301	ERG1	18X10	410				-
E13-1-2	WOMEN'S 1301	ERG1	18X10	410				-
E13-1-3	WOMEN'S 1301	ERG1	18X10	410				-
E13-1-4	JANITOR 1302.1	ERG1	10X6	100				-
E13-1-5	WOMEN'S 1301	ERG1	18X10	450				-
E13-1-6	WOMEN'S 1301	ERG1	18X10	420				-
E13-1-7	FAMILY 1303	ERG1	10X6	100				-
E13-1-8	FAMILY 1304	ERG1	10X6	100				-
E13-1-9	MEN'S 1305	ERG1	18X10	100				-
E13-1-10	MEN'S 1305	ERG1	18X10	300				-
E13-1-11	MEN'S 1305	ERG1	18X10	300				-
E13-1-12	MEN'S 1305	ERG1	18X10	300				-
Total				3400		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 14-1 AREA:ARTIST LOUNGE 1401

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	101C17DEC
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	600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 14-1/ARTIST LOUNGE 1401

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E14-1-1	RESTROOM 1403	EPB1	8	150				-
E14-1-2	RESTROOM 1405	EPB1	8	150				-
E14-1-3	RESTROOM 1407	EPB1	8	150				-
E14-1-4	RESTROOM 1409	EPB1	8	150				-
Total				600		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 14-2 AREA:CREW SHOWERS 1418

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	135C17D OR91 (VF)
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	1000	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 14-2/CREW SHOWERS 1418

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E14-2-1	CREW SHOWERS 1418	CEG2	8	75				-
E14-2-2	WOMEN 1419	CEG2	8	150				-
E14-2-3	CREW SHOWERS 1418	CEG2	8	75				-
E14-2-4	CREW SHOWERS 1418	CEG2	8	75				-
E14-2-5	CREW SHOWERS 1418	CEG2	8	75				-
E14-2-6	MEN 1417	CEG2	8	150				-
E14-2-7	RESTROOM 1425	EPB1	8	100				-
E14-2-8	RESTROOM 1427	EPB1	8	100				-
E14-2-9	RESTROOM 1429	EPB1	8	100				-
E14-2-10	RESTROOM 1431	EPB1	8	100				-
Total				1000		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 14-3 AREA:CONCESSION

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DH (VF)
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	250	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 14-3/CONCESSION

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E14-3-1	CONCESSION	CEG1	10	250				-
Total				250		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 14-4 AREA:CREW CATERING 1410

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DH (VF)
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:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 14-4/CREW CATERING 1410

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E14-4-1	CREW CATERING 1410	EPB2	8	200				-
Total				200		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 2-1 AREA:MAINTENANCE SHOP 216

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DH (VF)
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	450	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 2-1/MAINTENANCE SHOP 216

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E2-1-1	MAINTENANCE SHOP 216	ERG1	12X12	450				-
Total				450		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 2-2 AREA:RESTROOM 207.3

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DH (VF)
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:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 2-2/RESTROOM 207.3

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E2-2-1	RESTROOM 207.3	CEG2	6	100				-
E2-2-2	LIQUOR STORAGE 207.2	CEG1	6	100				-
Total				200		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 2-3 AREA:WOMEN 204

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	120C17D (VF)
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	850	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 2-3/WOMEN 204

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E2-3-1	WOMEN 204	EPB2	8	190				-
E2-3-2	WOMEN 204	EPB2	8	185				-
E2-3-3	JANITOR 205	ERG1	8X6	100				-
E2-3-4	MEN 206	EPB2	8	190				-
E2-3-5	MEN 206	EPB2	8	185				-
Total				850		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 2-4 AREA:BAR STORAGE 201.1

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	120C17D OR61 (VF)
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	250	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 2-4/BAR STORAGE 201.1

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E2-4-1	BAR STORAGE 201.1	CEG1	10	250				-
Total				250		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 4-1 AREA:WOMEN'S 401

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	210C17D (VF2)
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	3450	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 4-1/WOMEN'S 401

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E4-1-1	WOMEN'S 401	ERG1	18X10	410				-
E4-1-2	WOMEN'S 401	ERG1	18X10	410				-
E4-1-3	WOMEN'S 401	ERG1	18X10	410				-
E4-1-4	JANITOR 402.1	ERG1	10X6	100				-
E4-1-5	WOMEN'S 401	ERG1	18X10	450				-
E4-1-6	WOMEN'S 401	ERG1	18X10	420				-
E4-1-7	FAMILY 403	ERG1	10X6	100				-
E4-1-8	FAMILY 404	ERG1	10X6	100				-
E4-1-9	WOMEN'S 401	ERG1	18X10	150				-
E4-1-10	MEN'S 405	ERG1	18X10	300				-
E4-1-11	MEN'S 405	ERG1	18X10	300				-
E4-1-12	MEN'S 405	ERG1	18X10	300				-
Total				3450		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 5-1 AREA:CONCESSION 3 505

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DH (VF)
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	400	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 5-1/CONCESSION 3 505

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E5-1-1	CONCESSION 3 505	CEG1	8	200				-
E5-1-2	CONCESSION 3 505	CEG1	8	200				-
Total				400		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 5-2 AREA:CONCESSION 2 502

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DH (VF)
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	600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 5-2/CONCESSION 2 502

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E5-2-1	CONCESSION 2 502	CEG1	8	200				-
E5-2-2	CONCESSION 2 502	CEG1	8	200				-
E5-2-3	CONCESSION 2 502	CEG1	8	200				-
Total				600		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 5-3 AREA:CONCESSION 1 501

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DL (VF)
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:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 5-3/CONCESSION 1 501

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E5-3-1	CONCESSION 1 501	CEG1	10	300				-
Total				300		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 6-1 AREA:WOMEN'S 601

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	245C17D (VF2)
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	5400	
Motor Frequency	-	
System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 6-1/WOMEN'S 601

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E6-1-1	WOMEN'S 601	ERG1	18X10	410				-
E6-1-2	WOMEN'S 601	ERG1	18X10	410				-
E6-1-3	WOMEN'S 601	ERG1	18X10	410				-
E6-1-4	WOMEN'S 601	ERG1	18X10	410				-
E6-1-5	WOMEN'S 601	ERG1	18X10	410				-
E6-1-6	WOMEN'S 601	ERG1	18X10	450				-
E6-1-7	WOMEN'S 601	ERG1	18X10	450				-
E6-1-8	FAMILY 603	ERG1	10X6	100				-
E6-1-9	FAMILY 604	ERG1	10X6	100				-
E6-1-10	MEN'S 605	ERG1	18X10	375				-
E6-1-11	WOMEN'S 601	ERG1	18X10	425				-
E6-1-12	MEN'S 605	ERG1	18X10	450				-
E6-1-13	MEN'S 605	ERG1	18X10	450				-
E6-1-14	MEN'S 605	ERG1	18X10	450				-
E6-1-15	JANITOR 606	ERG1	10X6	100				-
Total				5400		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: EF 8-1 AREA:RESTROOM 815

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	100C17DM (VF)
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:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF 8-1/RESTROOM 815

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E8-1-1	RESTROOM 815	CEG2	6	100				-
E8-1-2	RESTROOM 816	CEG2	6	100				-
Total				200		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Exhaust

Asset: TF 8-1 AREA:ELEC 819

Unit Data		
	Design	**Actual**
MFG	NA	COOK
Model Num	NA	120SQN17DEC
Serial Num	-	
Type	CENTRIFUGAL SQUARE LINE	

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

Test Data		
	Design	**Actual**
CFM	975	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

TF 8-1/ELEC 819

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
T8-1-1	ELEC 819	ERG1	18X12	975				-
Total				975		0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Supply

Asset: MAU 14-1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVEAIRE
Model Num	NA	A2-20D
Serial Num	-	
Type	-	
Configuration	-	

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	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment Verified	

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	3040	
SF RPM	1339	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	3.8	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Supply

Asset: MAU 2-1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVEAIRE
Model Num	NA	A2-20D
Serial Num	-	
Type	-	
Configuration	-	

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	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment Verified	

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	5200	
SF RPM	1880	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	6.8	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Supply

Asset: MAU 5-1 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVEAIRE
Model Num	NA	A4-30D
Serial Num	-	
Type	-	
Configuration	-	

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	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment Verified	

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	9600	
SF RPM	1109	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	7.2	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: FAN - Supply

Asset: MAU 5-2 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	CAPTIVEAIRE
Model Num	NA	A4-30D
Serial Num	-	
Type	-	
Configuration	-	

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	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	
Belt Alignment Verified	

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	8640	
SF RPM	1029	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	7.2	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 14-1 AREA:CONCESSION PREP

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AC024
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	740	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	680	
OA CFM	60	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.58	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 14-1/CONCESSION PREP

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F14-1-1	CONCESSION PREP	CSD1	10	370			-
F14-1-2	CONCESSION PREP	CSD1	10	370			-
Total				740	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 14-2 AREA:ELECTRICAL

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM030
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	700	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	700	
OA CFM	0	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.2	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 14-2/ELECTRICAL

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F14-2-1	ELECTRICAL	SG1	42X8	700			-
Total				700	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 14-4 AREA:LAUNDRY 1416

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM024
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	670	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	620
OA CFM	-	50

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.2	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 14-4/LAUNDRY 1416

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F14-4-1	LAUNDRY 1416	SG1	12X8	335			-
F14-4-2	LAUNDRY 1416	SG1	12X8	335			-
Total				670	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 2-1 AREA:EMERGENCY ELEC. 217

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AC036
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.58	
Design LAT (db/wb)	-	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 2-2 AREA:HOUSE PRODUCTION 211

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM048
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	1600	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	1600
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.2	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 2-2/HOUSE PRODUCTION 211

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-2-1	HOUSE PRODUCTION 211	SG1	12X8	400			-
F2-2-2	HOUSE PRODUCTION 211	SG1	12X8	400			-
F2-2-3	HOUSE PRODUCTION 211	SG1	12X8	400			-
F2-2-4	HOUSE PRODUCTION 211	SG1	12X8	400			-
Total				1600	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 2-3 AREA:PERFORMANCE PLATFORM ELEC/VIDEO 209

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM076
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	1300	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	1300
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.59	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 2-3/PERFORMANCE PLATFORM ELEC/VIDEO 209

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-3-1	PERFORMANCE PLATFORM ELEC/VIDEO 209	SG1	12X8	325			-
F2-3-2	PERFORMANCE PLATFORM ELEC/VIDEO 209	SG1	12X8	325			-
F2-3-3	PERFORMANCE PLATFORM ELEC/VIDEO 209	SG1	12X8	325			-
F2-3-4	PERFORMANCE PLATFORM ELEC/VIDEO 209	SG1	12X8	325			-
Total				1300	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 2-4 AREA:MAIN ELEC. 218

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM076
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	1200	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	1200
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.59	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 2-4/MAIN ELEC. 218

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-4-1	MAIN ELEC. 218	SG1	18X12	600			-
F2-4-2	MAIN ELEC. 218	SG1	18X12	600			-
Total				1200	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 2-5 AREA:MAIN TELECOM 219

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM096
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	3000	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	3000
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.59	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 2-5/MAIN TELECOM 219

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-5-1	MAIN TELECOM 219	SG1	48X18	3000			-
Total				3000	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 2-6 AREA:BAR STORAGE 201.1

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AC024
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	740	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	680
OA CFM	-	60

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.58	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 2-6/BAR STORAGE 201.1

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-6-1	BAR STORAGE 201.1	CSD1	10	370			-
F2-6-2	BAR STORAGE 201.1	CSD1	10	370			-
Total				740	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Fan Coil

Asset: FCU 5-1 AREA:ELEC 504

Unit Data	
	Actual
MFG	SAMSUNG
Model Num	AM054
Serial Num	
Num Filters Size 1	
Filter Size 1	

Motor Data	
	Actual
Motor MFG	
Horsepower	
Motor Rpm	
Phase	
Voltage (rated)	
Amperage (rated)	
Service Factor	

Test Data		
	Design	**Actual**
SFAN CFM	1400	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	1400
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Design LAT (db/wb)	-	

National TAB

Project:Riverside Amphitheater (Riverside, MO)

Fan Coil

Diffuser Supply (GRD)

FCU 5-1/ELEC 504

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F5-1-1	ELEC 504	SG1	18X14	900			-
F5-1-2	TELECOM 510.1	SG1	18X14	500			-
Total				1400	0	0	0%

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Kitchen Hood Type I

Asset: KEF 14-1 AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	USBI24DD-RM
Job / Serial Num	
Type	
Hood length	
Hood Width	

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	3800	

Cooking Equipment	
	Actual
Item 1	
Item 2	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Kitchen Hood Type I

Asset: KEF 2-1 AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	USBI30DD-RM
Job / Serial Num	
Type	
Hood length	
Hood Width	

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	6500	

Cooking Equipment	
	Actual
Item 1	
Item 2	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Kitchen Hood Type I

Asset: KEF 5-1 AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	USBI36DD-RM
Job / Serial Num	
Type	
Hood length	
Hood Width	

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	12000	

Cooking Equipment	
	Actual
Item 1	
Item 2	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Kitchen Hood Type I

Asset: KEF 5-2 AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	USBI36DD-RM
Job / Serial Num	
Type	
Hood length	
Hood Width	

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	10800	

Cooking Equipment	
	Actual
Item 1	
Item 2	

National TAB

Project: Riverside Amphitheater (Riverside, MO)

System/Unit: Kitchen Hood Type II

Asset: KEF 2-2 AREA:

Unit Data	
	Actual
MFG	CAPTIVEAIRE
Model Num	USBI11DD-RM
Serial Num	
Type	
Hood length	
Hood Width	

Test Data		
	Design	**Actual**
Exhaust CFM	750	