National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: AHU/RTU

Asset: RTU-1 AREA:

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	WHK180A4S0P
Configuration	VERTICAL
Num OA Filters 1	
OA Filter Size 1	
Num OA Filters 2	
OA Filter Size 2	
Num PreFilter 1	4
PreFilter Size 1	20X24X2
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	5550	
SF RPM (Initial)	-	
SF RPM	1342	
RA CFM	4500	
OA CFM	1050	
Relief CFM	-	
RL Voltage	460	
RL Amperage	-	
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	-	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.500	
Fan Total SP	1.835	
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)	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: AHU/RTU

Asset: RTU-2A 1 AREA:

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	WHK240A4S0R
Configuration	VERTICAL
Num OA Filters 1	
OA Filter Size 1	
Num OA Filters 2	
OA Filter Size 2	
Num PreFilter 1	4
PreFilter Size 1	20X24X2
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	7050	
SF RPM (Initial)	-	
SF RPM	1425	
RA CFM	4975	
OA CFM	2075	
Relief CFM	-	
RL Voltage	460	
RL Amperage	-	
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	-	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.400	
Fan Total SP	1.858	
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)	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: AHU/RTU

Asset: RTU-2B 1 AREA:

Unit Data	
	Actual
MFG	TRANE
Serial Num	
Model Num	WHK240A4S0R
Configuration	VERTICAL
Num OA Filters 1	
OA Filter Size 1	
Num OA Filters 2	
OA Filter Size 2	
Num PreFilter 1	4
PreFilter Size 1	20X24X2
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	7050	
SF RPM (Initial)	-	
SF RPM	1425	
RA CFM	4975	
OA CFM	2075	
Relief CFM	-	
RL Voltage	460	
RL Amperage	-	
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	-	

Performance Data		
	Design	**Actual**
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.400	
Fan Total SP	1.858	
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)	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: AHU-DUAL FAN

Asset: DOAS-1 AREA:

UNIT DATA - SUPPLY		
	Design	**Actual**
Manufacturer	TRANE	TRANE
Model Number	NA	OAD
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Final Filters / Size (1)	-	
No. Final Filters / Size (2)	-	
No. Final Filters / Size (3)	-	

MOTOR DATA - SUPPLY	
	Actual
Motor MFG / Frame	
Horsepower / RPM	
Rated Volts / Phase	
Rated Amperage / SF	

TEST DATA - SUPPLY		
	Design	**Actual**
Total CFM	6000	
Fan RPM	1644	
VFD Speed	-	
RL Voltage	460	
RL Amperage	-	
Motor B.H.P.	6.32	

PERFORMANCE DATA - SUPPLY		
	Design	**Actual**
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	3.95	
Chilled Water Coil P.D.	-	
Pre Heat Coil P.D.	-	
Final Filters P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	2.00	

UNIT DATA - EXHAUST/RETURN		
	Design	**Actual**
Manufacturer	TRANE	TRANE
Model Number	-	OAD
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	

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

TEST DATA - EXHAUST/RETURN		
	Design	**Actual**
Total CFM	4085	
Relief CFM	-	
Fan RPM	1517	
VFD Speed	-	
RL Voltage	460	
RL Amperage	-	
Motor B.H.P.	2.53	

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	**Actual**
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	2.59	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	1.79	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-100 AREA:103 FIELD STAFF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	660	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 660 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-100/103 FIELD STAFF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
100-1	103 FIELD STAFF	S3	8	165			-
100-2	103 FIELD STAFF	S3	8	165			-
100-3	103 FIELD STAFF	S3	8	165			-
100-4	103 FIELD STAFF	S3	8	165			-
Total				660	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-101 AREA:103 FIELD STAFF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	660	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 660 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-101/103 FIELD STAFF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
101-1	103 FIELD STAFF	S3	8	165			-
101-2	103 FIELD STAFF	S3	8	165			-
101-3	103 FIELD STAFF	S3	8	165			-
101-4	103 FIELD STAFF	S3	8	165			-
Total				660	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-102 AREA:102 LARGE BREAK

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP048MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1935	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 1306 CFM
DIFFUSER TOTAL: 1935 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-102/102 LARGE BREAK

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
102-1	102 LARGE BREAK	S1	8	215			-
102-2	102 LARGE BREAK	S1	8	215			-
102-3	102 LARGE BREAK	S1	8	215			-
102-4	102 LARGE BREAK	S1	8	215			-
102-5	102 LARGE BREAK	S1	8	215			-
102-6	102 LARGE BREAK	S1	8	215			-
102-7	102 LARGE BREAK	S1	8	215			-
102-8	102 LARGE BREAK	S1	8	215			-
102-9	102 LARGE BREAK	S1	8	215			-
Total				1935	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-103 AREA:104 FITNESS

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	300	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 350 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-103/104 FITNESS

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
103-1	104 FITNESS	S3	8	150			-
103-2	104 FITNESS	S3	8	150			-
103-3	104 FITNESS	S2	8X8	50			-
Total				350	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-104 AREA:101 KITCHEN

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	400	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 400 CFM

Written By: Michael Gabbert on 01/09/2026

Diffuser Supply (GRD)

FC-104/101 KITCHEN

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
104-1	101 KITCHEN	S3	8	200			-
104-2	101 KITCHEN	S3	8	200			-
Total				400	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-105 AREA:101A SMALL BREAK

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1000	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 1000 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-105/101A SMALL BREAK

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
105-1	101A SMALL BREAK	S1	8	200			-
105-2	101A SMALL BREAK	S1	8	200			-
105-3	101A SMALL BREAK	S1	8	200			-
105-4	101A SMALL BREAK	S1	8	200			-
105-5	101A SMALL BREAK	S1	8	200			-
Total				1000	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-106 AREA:100 ENTRY

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	550	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 371 CFM
DIFFUSER TOTAL: 550 CFM

Written By: Michael Gabbert on 01/09/2026

Diffuser Supply (GRD)

FC-106/100 ENTRY

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
106-1	100 ENTRY	S1	8	150			-
106-2	109 LAUNDRY	S3	8	50			-
106-3	100 ENTRY	S1	8	150			-
106-4	100 ENTRY	S1	8	150			-
106-5	100 ENTRY	S3	8	50			-
Total				550	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-107 AREA:112 WOMEN LOCKER

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1050	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 1050 CFM

Written By: Michael Gabbert on 01/09/2026

Diffuser Supply (GRD)

FC-107/112 WOMEN LOCKER

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
107-1	112 WOMEN LOCKER	S3	8	250			-
107-2	112 WOMEN LOCKER	S3	8	250			-
107-3	112 WOMEN LOCKER	S3	8	250			-
107-4	112 WOMEN LOCKER	S3	8	250			-
107-5	112 WOMEN LOCKER	S3	8	50			-
Total				1050	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-108 AREA:111 MENS LOCKER

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP048MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	2200	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 1306 CFM
DIFFUSER TOTAL: 2200 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-108/111 MENS LOCKER

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
108-1	111 MENS LOCKER	S3	10	275			-
108-2	111 MENS LOCKER	S3	10	275			-
108-3	111 MENS LOCKER	S3	10	275			-
108-4	111 MENS LOCKER	S3	10	275			-
108-5	111 MENS LOCKER	S3	10	275			-
108-6	111 MENS LOCKER	S3	10	275			-
108-7	111 MENS LOCKER	S3	10	275			-
108-8	111 MENS LOCKER	S3	10	275			-
Total				2200	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-109 AREA:131 LIGHTWELL

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1000	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 1000 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-109/131 LIGHTWELL

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
109-1	110 MUDROOM	S3	10	235			-
109-2	131 LIGHTWELL	S2	14X8	255			-
109-3	131 LIGHTWELL	S2	14X8	255			-
109-4	128 HALL	S2	14X8	255			-
Total				1000	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-110 AREA:126 WAREHOUSE OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	290	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 290 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-110/126 WAREHOUSE OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
110-1	126 WAREHOUSE OFFICE	S3	10	290			-
Total				290	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-111 AREA:100B HALL

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	400	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 400 CFM

Written By: Michael Gabbert on 01/09/2026

Diffuser Supply (GRD)

FC-111/100B HALL

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
111-1	100B HALL	S3	8	200			-
111-2	100B HALL	S3	8	200			-
Total				400	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-112 AREA:102 LARGE BREAK

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP048MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	2150	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 1306 CFM
DIFFUSER TOTAL: 2150 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-112/102 LARGE BREAK

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
112-1	102 LARGE BREAK	S1	8	215			-
112-2	102 LARGE BREAK	S1	8	215			-
112-3	102 LARGE BREAK	S1	8	215			-
112-4	102 LARGE BREAK	S1	8	215			-
112-5	102 LARGE BREAK	S1	8	215			-
112-6	102 LARGE BREAK	S1	8	215			-
112-7	102 LARGE BREAK	S1	8	215			-
112-8	102 LARGE BREAK	S1	8	215			-
112-9	102 LARGE BREAK	S1	8	215			-
112-10	102 LARGE BREAK	S1	8	215			-
Total				2150	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-201 AREA:203 ADMIN DIRECTOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 1300 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-201/203 ADMIN DIRECTOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
201-1	203 ADMIN DIRECTOR	S3	10	400			-
201-2	204 ADMIN OFFICE	S3	10	300			-
201-3	205 ADMIN OFFICE	S3	10	300			-
201-4	206 ADMIN OFFICE	S3	10	300			-
Total				1300	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-202 AREA:200 CORRIDOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	465	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 371 CFM
DIFFUSER TOTAL: 465 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-202/200 CORRIDOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
202-1	200 CORRIDOR	S4	24X4	155			-
202-2	200 CORRIDOR	S4	24X4	155			-
202-3	200 CORRIDOR	S4	24X4	155			-
Total				465	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-203 AREA:209 ADMIN DIRECTOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1000	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 1000 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-203/209 ADMIN DIRECTOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
203-1	207 ADMIN OFFICE	S3	8	300			-
203-2	208 ADMIN OFFICE	S3	8	300			-
203-3	209 ADMIN DIRECTOR	S3	8	200			-
203-4	209 ADMIN DIRECTOR	S3	8	200			-
Total				1000	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-204 AREA:

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	735	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 735 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-204/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
204-1	202 OPEN OFFICE	S4	24X4	105			-
204-2	202 OPEN OFFICE	S4	24X4	105			-
204-3	202 OPEN OFFICE	S4	24X4	105			-
204-4	202 OPEN OFFICE	S4	24X4	105			-
204-5	202 OPEN OFFICE	S4	24X4	105			-
204-6	202 OPEN OFFICE	S4	24X4	105			-
204-7	202 OPEN OFFICE	S4	24X4	105			-
Total				735	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-205 AREA:210 ADMIN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	645	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 645 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-205/210 ADMIN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
205-1	212 AMI OFFICE	S3	8	215			-
205-2	211 ADMIN OFFICE	S3	8	215			-
205-3	210 ADMIN OFFICE	S3	8	215			-
Total				645	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-206 AREA:215 ADMIN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	645	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 645 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-206/215 ADMIN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
206-1	217 ADMIN OFFICE	S3	8	215			-
206-2	216 ADMIN OFFICE	S3	8	215			-
206-3	215 ADMIN OFFICE	S3	8	215			-
Total				645	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-207 AREA:201 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	960	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 1271 CFM
DIFFUSER TOTAL: 960 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-207/201 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
207-1	201 OPEN OFFICE	S4	24X4	120			-
207-2	201 OPEN OFFICE	S4	24X4	120			-
207-3	201 OPEN OFFICE	S4	24X4	120			-
207-4	201 OPEN OFFICE	S4	24X4	120			-
207-5	201 OPEN OFFICE	S4	24X4	120			-
207-6	201 OPEN OFFICE	S4	24X4	120			-
207-7	201 OPEN OFFICE	S4	24X4	120			-
207-8	201 OPEN OFFICE	S4	24X4	120			-
Total				960	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-208 AREA:

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	490	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 371 CFM
DIFFUSER TOTAL: 490 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-208/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
208-1	213 COLLAB	A1	8	245			-
208-2	213 COLLAB	A1	8	245			-
Total				490	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-209 AREA:201A RECEPTION

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	280	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-209/201A RECEPTION

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
209-1	201A RECEPTION	S4	24X4	70			-
209-2	201A RECEPTION	S4	24X4	70			-
209-3	201A RECEPTION	S4	24X4	70			-
209-4	201A RECEPTION	S4	24X4	70			-
Total				280	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-210 AREA:292 CMED DIRECTOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1050	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 1271 CFM
DIFFUSER TOTAL: 1050 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-210/292 CMED DIRECTOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
210-1	294 CMED OFFICE	S3	10	320			-
210-2	293 CMED OFFICE	S3	10	320			-
210-3	292 CMED DIRECTOR	S3	8	205			-
210-4	292 CMED DIRECTOR	S3	8	205			-
Total				1050	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-211 AREA:296 CMED OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	960	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 960 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-211/296 CMED OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
211-1	297 CMED OFFICE	S3	10	320			-
211-2	296 CMED OFFICE	S3	10	320			-
211-3	295 CMED OFFICE	S3	10	320			-
Total				960	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-212 AREA:298 FITNESS

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	410	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 410 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-212/298 FITNESS

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
212-1	298 FITNESS	S3	8	205			-
212-2	298 FITNESS	S3	8	205			-
Total				410	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-213 AREA:283 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-213/283 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
213-1	283 OPEN OFFICE	S4	24X4	120			-
213-2	283 OPEN OFFICE	S4	24X4	120			-
213-3	283 OPEN OFFICE	S4	24X4	120			-
213-4	283 OPEN OFFICE	S4	24X4	120			-
213-5	283 OPEN OFFICE	S4	24X4	120			-
213-6	283 OPEN OFFICE	S4	24X4	120			-
213-7	283 OPEN OFFICE	S4	24X4	120			-
213-8	283 OPEN OFFICE	S4	24X4	120			-
213-9	283 OPEN OFFICE	S4	24X4	120			-
213-10	283 OPEN OFFICE	S4	24X4	120			-
Total				1200	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-214 AREA:283 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	960	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 960 CFM

Written By: Michael Gabbert on 01/09/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-214/283 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
214-1	283 OPEN OFFICE	S4	24X4	120			-
214-2	283 OPEN OFFICE	S4	24X4	120			-
214-3	283 OPEN OFFICE	S4	24X4	120			-
214-4	283 OPEN OFFICE	S4	24X4	120			-
214-5	283 OPEN OFFICE	S4	24X4	120			-
214-6	283 OPEN OFFICE	S4	24X4	120			-
214-7	283 OPEN OFFICE	S4	24X4	120			-
214-8	283 OPEN OFFICE	S4	24X4	120			-
Total				960	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-215 AREA:271 PLOTTING

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	150	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-215/271 PLOTTING

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
215-1	271 PLOTTING	S3	8	150			-
Total				150	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-216 AREA:289 CMED OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	920	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 920 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-216/289 CMED OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
16-1	291 CMED COLLAB	S3	8	230			-
16-2	290 CMED OFFICE	S3	8	230			-
16-3	289 CMED OFFICE	S3	8	230			-
16-4	288 CMED OFFICE	S3	8	230			-
Total				920	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-217 AREA:286 CMED OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	920	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 920 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-217/286 CMED OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
217-1	284 CMED OFFICE	S3	8	230			-
217-2	285 CMED OFFICE	S3	8	230			-
217-3	286 CMED OFFICE	S3	8	230			-
217-4	287 CMED OFFICE	S3	8	230			-
Total				920	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-218 AREA:NOT FOUND

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	371	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-219 AREA:277 BOOTH

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	NA
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	150	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-219/277 BOOTH

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
219-1	277 BOOTH	S3	8	150			-
Total				150	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-220 AREA:282 CMED OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	420	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-220/282 CMED OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
220-1	282 CMED OFFICE	S3	10	210			-
220-2	282 CMED OFFICE	S3	10	210			-
Total				420	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-221 AREA:279 CMED OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1140	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 1140 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-221/279 CMED OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
221-1	281 CMED OFFICE	S3	10	285			-
221-2	280 CMED OFFICE	S3	10	285			-
221-3	279 CMED OFFICE	S3	10	285			-
221-4	278 CMED OFFICE	S3	10	285			-
Total				1140	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-222 AREA:266 BREAKROOM

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP018MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	750	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-222/266 BREAKROOM

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
222-1	266 BREAKROOM	S4	24X4	150			-
222-2	266 BREAKROOM	S4	24X4	150			-
222-3	266 BREAKROOM	S4	24X4	150			-
222-4	266 BREAKROOM	S4	24X4	150			-
222-5	266 BREAKROOM	S4	24X4	150			-
Total				750	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-223 AREA:270 OPEN CONF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	380	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	208	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 380 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-223/270 OPEN CONF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
223-1	270 OPEN CONF	S3	8	190			-
223-2	270 OPEN CONF	S3	8	190			-
Total				380	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-224 AREA:269 LARGE CONF/TRAINING

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP018MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	840	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-224/269 LARGE CONF/TRAINING

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
224-1	269 LG CONF/TRAINING	S3	8	210			-
224-2	269 LG CONF/TRAINING	S3	8	210			-
224-3	269 LG CONF/TRAINING	S3	8	210			-
224-4	269 LG CONF/TRAINING	S3	8	210			-
Total				840	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-225 AREA:268 MED CONF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	440	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

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

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 440 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-225/268 MED CONF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
225-1	268 MED CONF	S3	8	220			-
225-2	268 MED CONF	S3	8	220			-
Total				440	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-226 AREA:267 MED CONF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	440	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 440 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-226/267 MED CONF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
226-1	267 MED CONF	S3	8	220			-
226-2	267 MED CONF	S3	8	220			-
Total				440	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-227 AREA:236 CONF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	280	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-227/236 CONF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
227-1	236 CONF	S3	8	140			-
227-2	237 CONF	S3	8	140			-
Total				280	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-228 AREA:239 CONF

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	370	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 370 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-228/239 CONF

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
228-1	239 CONF	S2	14X8	185			-
228-2	238 CONF	S2	14X8	185			-
Total				370	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-229 AREA:233 WELLNESS

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	300	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-229/233 WELLNESS

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
229-1	233 WELLNESS						
229-2	233 WELLNESS						
Total				0	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-230 AREA:241 TRAFFIC CENTRAL UNIT

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP048MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	950	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-230/241 TRAFFIC CENTRAL UNIT

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
230-1	228 WORK ROOM	S3	8	50			-
230-2	241 TRAFFIC CENTRAL UNIT	S3	10	300			-
230-3	241 TRAFFIC CENTRAL UNIT	S3	10	300			-
230-4	241B STOR	S3	10	300			-
Total				950	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-231 AREA:240B IT

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP036MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1271	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-231/240B IT

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
231-1	240B IT						
231-2	240B IT						
Total				0	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-232 AREA:200 CORRIDOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 1400 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-232/200 CORRIDOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
232-1	200 CORRIDOR	S7	12	350			-
232-2	200 CORRIDOR	S7	12	350			-
232-3	200 CORRIDOR	S7	12	350			-
232-4	200 CORRIDOR	S7	12	350			-
Total				1400	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-233 AREA:223 SMALL CONF/FUTURE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	265	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-233/223 SMALL CONF/FUTURE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
233-1	223 SMALL CONF/FUTURE	S3	10	265			-
Total				265	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-234 AREA:

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	520	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 371 CFM
DIFFUSER TOTAL: 520 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-234/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
234-1	224 MED CONF	S3	10	260			-
234-2	224 MED CONF	S3	10	260			-
Total				520	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-235 AREA:225 SMALL CONF/FUTURE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP018MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	795	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-235/225 SMALL CONF/FUTURE

Asset													
Asset Name	Location	Type	MFG	Size	Model Num	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
235-1	225 SMALL CONF/FUTURE	S3	NA	10	NA	265							-
235-2	225 SMALL CONF/FUTURE	S3	NA	10	NA	265							-
235-3	227 SMALL CONF/FUTURE	S3	NA	10	NA	265							-
Total						795			0		0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-236 AREA:

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	490	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 490 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-236/

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
236-1	248 COLLAB	S1	8	245			-
236-2	248 COLLAB	S1	8	245			-
Total				490	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-237 AREA:218 ADMIN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	600	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-237/218 ADMIN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
237-1	219 BOOTH	S1	6	50			-
237-2	218 ADMIN OFFICE	S1	8	200			-
237-3	220 BOOTH	S1	6	50			-
237-4	221 BOOTH	S1	6	50			-
237-5	214 AMI OFFICE	S1	8	200			-
237-6	222 BOOTH	S1	6	50			-
Total				600	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-238 AREA:246 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-238/246 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
238-1	246 OPEN OFFICE	S4	24X4	150			-
238-2	246 OPEN OFFICE	S4	24X4	150			-
238-3	246 OPEN OFFICE	S4	24X4	150			-
238-4	246 OPEN OFFICE	S4	24X4	150			-
238-5	246 OPEN OFFICE	S4	24X4	150			-
238-6	246 OPEN OFFICE	S4	24X4	150			-
238-7	246 OPEN OFFICE	S4	24X4	150			-
238-8	246 OPEN OFFICE	S4	24X4	150			-
Total				1200	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-239 AREA:246 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP030MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

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

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-239/246 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
239-1	246 OPEN OFFICE	S4	24X4	150			-
239-2	246 OPEN OFFICE	S4	24X4	150			-
239-3	246 OPEN OFFICE	S4	24X4	150			-
239-4	246 OPEN OFFICE	S4	24X4	150			-
239-5	246 OPEN OFFICE	S4	24X4	150			-
239-6	246 OPEN OFFICE	S4	24X4	150			-
239-7	246 OPEN OFFICE	S4	24X4	150			-
239-8	246 OPEN OFFICE	S4	24X4	150			-
Total				1200	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-240 AREA:261 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	600	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 600 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-240/261 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
240-1	261 OPEN OFFICE	S4	24X4	120			-
240-2	261 OPEN OFFICE	S4	24X4	120			-
240-3	261 OPEN OFFICE	S4	24X4	120			-
240-4	261 OPEN OFFICE	S4	24X4	120			-
240-5	261 OPEN OFFICE	S4	24X4	120			-
Total				600	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-241 AREA:261 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	600	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 600 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-241/261 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
241-1	261 OPEN OFFICE	S4	24X4	100			-
241-2	261 OPEN OFFICE	S4	24X4	100			-
241-3	261 OPEN OFFICE	S4	24X4	100			-
241-4	261 OPEN OFFICE	S4	24X4	100			-
241-5	261 OPEN OFFICE	S4	24X4	100			-
241-6	261 OPEN OFFICE	S4	24X4	100			-
Total				600	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-242 AREA:244 PHONE BOOTH

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP018MA145A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	200	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-242/244 PHONE BOOTH

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
242-1	242 PHONE BOOTH	S1	6	50			-
242-2	243 PHONE BOOTH	S1	6	50			-
242-3	244 PHONE BOOTH	S1	6	50			-
242-4	245 PHONE BOOTH	S1	6	50			-
Total				200	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-243 AREA:265 TRAF OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP008MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	460	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 300 CFM
DIFFUSER TOTAL: 460 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-243/265 TRAF OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
243-1	265 TRAF OFFICE	S3	8	230			-
243-2	265 TRAF OFFICE	S3	8	230			-
Total				460	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-244 AREA:263 STRTS OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	690	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 690 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-244/263 STRTS OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
244-1	264 STRTS OFFICE	S3	8	230			-
244-2	263 STRTS OFFICE	S3	8	230			-
244-3	262 STRTS OFFICE	S3	8	230			-
Total				690	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-245 AREA:250 INS OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	690	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 494 CFM
DIFFUSER TOTAL: 690 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-245/250 INS OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
245-1	251 WTRT OFFICE	S3	8	230			-
245-2	250 INS OFFICE	S3	8	230			-
245-3	249 INS OFFICE	S3	8	230			-
Total				690	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-246 AREA:252 DEPUTY OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	615	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-246/252 DEPUTY OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
246-1	253 WSWT OFFICE	S3	10	295			-
246-2	252 DEPUTY OFFICE	S3	10	320			-
Total				615	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-247 AREA:254 WTDT OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	885	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-247/254 WTDT OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
247-1	256 WTDT OFFICE	S3	10	295			-
247-2	255 WTDT OFFICE	S3	10	295			-
247-3	254 WTDT OFFICE	S3	10	295			-
Total				885	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-248 AREA:260 FOB OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1305	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 883 CFM
DIFFUSER TOTAL: 1305 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-248/260 FOB OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
248-1	257 STRT OFFICE	S3	10	295			-
248-2	258 INS OFFICE	S3	10	295			-
248-3	259 STWT OFFICE	S3	10	295			-
248-4	260 FOB OFFICE	S3	10	210			-
248-5	260 FOB OFFICE	S3	10	210			-
Total				1305	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-249 AREA:261 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	440	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 371 CFM
DIFFUSER TOTAL: 440 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-249/261 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
249-1	261 OPEN OFFICE	S4	24X4	110			-
249-2	261 OPEN OFFICE	S4	24X4	110			-
249-3	261 OPEN OFFICE	S4	24X4	110			-
249-4	261 OPEN OFFICE	S4	24X4	110			-
Total				440	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-250 AREA:202 OPEN OFFICE

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	735	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-250/202 OPEN OFFICE

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
250-1	202 OPEN OFFICE	S4	24X4	105			-
250-2	202 OPEN OFFICE	S4	24X4	105			-
250-3	202 OPEN OFFICE	S4	24X4	105			-
250-4	202 OPEN OFFICE	S4	24X4	105			-
250-5	202 OPEN OFFICE	S4	24X4	105			-
250-6	202 OPEN OFFICE	S4	24X4	105			-
250-7	202 OPEN OFFICE	S4	24X4	105			-
Total				735	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-251 AREA:200 CORRIDOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	300	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-251/200 CORRIDOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
251-1	200 CORRIDOR	S3	10	300			-
Total				300	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Fan Coil

Asset: FC-252 AREA:200 CORRIDOR

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	
Type	-	
Num Filters Size 1	-	
Filter Size 1	-	

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

Test Data		
	Design	**Actual**
SFAN CFM	1395	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.60	

Notes:
SUBMITTAL MAX AIRFLOW: 1306 CFM
DIFFUSER TOTAL: 1395 CFM

Written By: Michael Gabbert on 01/12/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

Fan Coil

Diffuser Supply (GRD)

FC-252/200 CORRIDOR

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
252-1	200 CORRIDOR	S7	12	465			-
252-2	200 CORRIDOR	S7	12	465			-
252-3	200 CORRIDOR	S7	12	465			-
Total				1395	0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Energy Recovery Unit

Asset: ER-1 AREA:

Supply Unit Data	
	Actual
Manufacturer	TRANE
Model Number	FV-2000
Serial Number	
Configuration	
No. Pre Filters/Size	
Num Exh-Filters 2	
Exh-Filter Size 2	
Num OA-Filters 1	
OA-Supply Size 1	
Num OA-Filters 2	
OA-Filter Size 2	

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

Supply Test Data		
	Design	**Actual**
Total CFM	1050	
Fan RPM	1195	
Motor Frequency	-	
RL Voltage	480	
RL Amperage	-	

Supply Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	

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

Exhaust Test Data		
	Design	**Actual**
Total CFM	1050	
Fan RPM	1100	
Motor Frequency	-	
System Set Point	-	
RL Voltage	480	
RL Amperage	-	
Motor B.H.P.	-	

Exhaust Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Energy Recovery Unit

Asset: ER-2A 1 AREA:

Supply Unit Data	
	Actual
Manufacturer	TRANE
Model Number	FV-2000
Serial Number	
Configuration	
No. Pre Filters/Size	
Num Exh-Filters 2	
Exh-Filter Size 2	
Num OA-Filters 1	
OA-Supply Size 1	
Num OA-Filters 2	
OA-Filter Size 2	

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

Supply Test Data		
	Design	**Actual**
Total CFM	2075	
Fan RPM	1740	
Motor Frequency	-	
RL Voltage	480	
RL Amperage	-	

Supply Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	

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

Exhaust Test Data		
	Design	**Actual**
Total CFM	2075	
Fan RPM	1771	
Motor Frequency	-	
System Set Point	-	
RL Voltage	480	
RL Amperage	-	
Motor B.H.P.	-	

Exhaust Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Energy Recovery Unit

Asset: ER-2B 1 AREA:

Supply Unit Data	
	Actual
Manufacturer	TRANE
Model Number	FV-2000
Serial Number	
Configuration	
No. Pre Filters/Size	
Num Exh-Filters 2	
Exh-Filter Size 2	
Num OA-Filters 1	
OA-Supply Size 1	
Num OA-Filters 2	
OA-Filter Size 2	

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

Supply Test Data		
	Design	**Actual**
Total CFM	2075	
Fan RPM	1740	
Motor Frequency	-	
RL Voltage	480	
RL Amperage	-	

Supply Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	

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

Exhaust Test Data		
	Design	**Actual**
Total CFM	2075	
Fan RPM	1771	
Motor Frequency	-	
System Set Point	-	
RL Voltage	480	
RL Amperage	-	
Motor B.H.P.	-	

Exhaust Performance Data		
	Design	**Actual**
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Cooling Coil P.D.	-	
Heating Coil P.D.	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-1 AREA:113 INSPECTIONS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-90-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	595	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	1.38	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-2 AREA:118 OUTFITTING SHOP

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-140-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	2185	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	8.80	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-3 AREA:118 FAB SHOP

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-140-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	2185	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	8.80	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-4 AREA:118 FAB SHOP

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-140-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	2185	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	8.80	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-5 AREA:117 WSWT SHOP

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-95-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	785	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.20	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-6 AREA:129 SIGN FAB SHOP

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-90-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	540	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	1.38	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.20	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-7 AREA:131 CONDITIONED STORAGE

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-200-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	4995	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	7.40	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-8 AREA:131 CONDITIONED STORAGE

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-200-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	4995	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	7.40	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-9 AREA:FLR 1 RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	SQ-90-VG
Serial Num	-	
Type	INLINE	

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

Test Data		
	Design	**Actual**
CFM	275	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	1.38	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

Notes:
SUBMITTAL MAX AIRFLOW: 200 CFM
GRILLE TOTAL: 275 CFM

Written By: Michael Gabbert on 01/13/2026

Diffuser Ret/Exh (GRD)

EF-9/FLR 1 RESTROOMS

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E9-1	108 GNR	E1	6X6	50				-
E9-2	107 GNSR	E1	6X6	50				-
E9-3	106 ADA SHOWER	E1	8X8	100				-
E9-4	109 UNIFORM STOR/LAUNDRY	22	6	75				-
Total				275		0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-11 AREA:FLR 1 LOCKER ROOMS

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

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

Test Data		
	Design	**Actual**
CFM	1500	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

Notes:
SUBMITTAL MAX AIRFLOW: 945 CFM
GRILLE TOTAL: 1500 CFM

Written By: Michael Gabbert on 01/13/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-11/FLR 1 LOCKER ROOMS

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E11-1	112 WOMEN LOCKERROOM	E1	12X12	250				-
E11-2	112 WOMEN LOCKERROOM	E2	8	200				-
E11-3	112 WOMEN LOCKERROOM	E1	6X6	50				-
E11-4	112 WOMEN LOCKERROOM	E1	6X6	50				-
E11-5	112 WOMEN LOCKERROOM	E1	6X6	50				-
E11-6	112 WOMEN LOCKERROOM	E1	6X6	50				-
E11-7	112 WOMEN LOCKERROOM	E1	6X6	50				-
E11-8	116 JANITOR	E1	6X6	50				-
E11-9	111 MENS LOCKERROOM	E2	8	200				-
E11-10	111 MENS LOCKERROOM	E1	12X12	300				-
E11-11	111 MENS LOCKERROOM	E1	6X6	50				-
E11-12	111 MENS LOCKERROOM	E1	6X6	50				-
E11-13	111 MENS LOCKERROOM	E1	6X6	50				-
E11-14	111 MENS LOCKERROOM	E1	6X6	50				-
E11-15	111 MENS LOCKERROOM	E1	6X6	50				-
Total				1500		0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-12 AREA:FLR 2 RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-095-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	525	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.20	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

Notes:
SCHEDULE MAX AIRFLOW: 300 CFM
GRILLE TOTAL: 525 CFM

Written By: Michael Gabbert on 01/13/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-12/FLR 2 RESTROOMS

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E12-1	299 JANITOR	E2	6	50				-
E12-2	232 GNR	E2	6	50				-
E12-3	231 GNR	E2	6	50				-
E12-4	230 GNR	E2	6	50				-
E12-5	229 GNR	E2	6	50				-
E12-6	235 GNSR	E2	6	100				-
E12-7	234 GNSR	E2	6	100				-
E12-8	228 WORK ROOM	E2	6	75				-
Total				525		0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-13 AREA:000 ELEVATOR SHAFT

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-095-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	270	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.20	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-14 AREA:FLR 2 RESTROOMS

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-095-VG
Serial Num	-	
Type	CRE DNBLAST	

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	2.20	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

Notes:
EF-14
SCHEDULE MAX AIRFLOW: 200 CFM
GRILLE TOTAL: 250 CFM

Written By: Michael Gabbert on 01/13/2026

National TAB

Project:Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF-14/FLR 2 RESTROOMS

Asset								
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**FINAL CFM**	**% to design**
E14-1	272 ADA SHOWER	E2	8	100				-
E14-2	271 PLOTTING	E2	6	50				-
E14-3	273 WOMEN RR	E2	8	50				-
E14-4	274 MENS RR	E2	8	50				-
Total				250		0	0	0%

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-15 AREA:WASH BAY

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-180-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	2750	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	8.80	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-16 AREA:WASH BAY

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-180-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	2750	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	8.80	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-17 AREA:WASH BAY

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

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

Test Data		
	Design	**Actual**
CFM	2750	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

Notes:
PHASE 2 - NO SUBMITTAL

Written By: Michael Gabbert on 01/13/2026

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO
(Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-18 AREA:WASH BAY

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

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

Test Data		
	Design	**Actual**
CFM	2750	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

Notes:
PHASE 2 - NO SUBMITTAL

Written By: Michael Gabbert on 01/13/2026

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: FAN - Exhaust

Asset: EF-19 AREA:BRINE BUILDING

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	NA	G-180-VG
Serial Num	-	
Type	CRE DNBLAST	

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

Test Data		
	Design	**Actual**
CFM	2300	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	8.80	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Pump

Asset: P-1 AREA:WASH BAY

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	HOT WATER
Type	-	
Configuration	-	
Pump RPM	-	
GPM/HD	25.0 / 50.0	
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)	50.0	
Final GPM	25.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: Municipal Svcs Operations Campus PH1 MSO (Lawrence, MO)

System/Unit: Pump

Asset: P-2 AREA:WASH BAY

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	HOT WATER
Type	-	
Configuration	-	
Pump RPM	-	
GPM/HD	25.0 / 50.0	
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)	50.0	
Final GPM	25.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	-	
Brake Horse Power	-	