

Report By:



National TAB
1329 E Kemper Rd, Ste 4210
Cincinnati, OH 45246

Report: Test and Balance
Date: 10/7/2020

PROJECT
CW - 3401 ARTISAN DESIGN (DALLAS, TX)

3401 OLYMPUS BLVD SUITE 400
DALLAS, TX 75019

Client

Billingsley
1722 Routh St.
Suite 770
Dallas, TX 75201

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Project: CW - 3401 ARTISAN DESIGN (DALLAS, TX)

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CERTIFICATION

PROJECT: CW - 3401 ARTISAN DESIGN (DALLAS, TX)

The data presented in this report is a record of system measurements and final adjustments that have been obtained in accordance with the current edition of the NEBB *Procedural Standards for Testing, Adjusting, and Balancing of Environmental Systems*. Any variances from design quantities, which exceed NEBB tolerances, are noted in the Test-Adjust-Balance Report Project Summary.

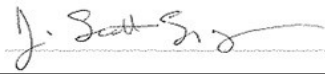
The air distribution system has been tested and balanced and final adjustments have been made in accordance with NEBB standards and the project specifications.

NEBB TAB FIRM: National TAB-Southeast
REGISTRATION NO: 3755
CERTIFIED BY: J. Scott Springer 23312
DATE: 9/17/2020

The hydronic distribution system has been tested and balanced and final adjustments have been made in accordance with NEBB standards and the project specifications.

NEBB TAB FIRM: National TAB-Southeast
REGISTRATION NO: 3086
CERTIFIED BY: J. Scott Springer 23312
DATE: _____

Submitted and Certified by:

NEBB TAB FIRM: National TAB-Southeast
TAB PROFESSIONAL: J. Scott Springer
SIGNATURE: 
REGISTRATION NO: 3755 (NTAB) / 23312
CERTIFICATION EXP: 3/31/2021





National TAB

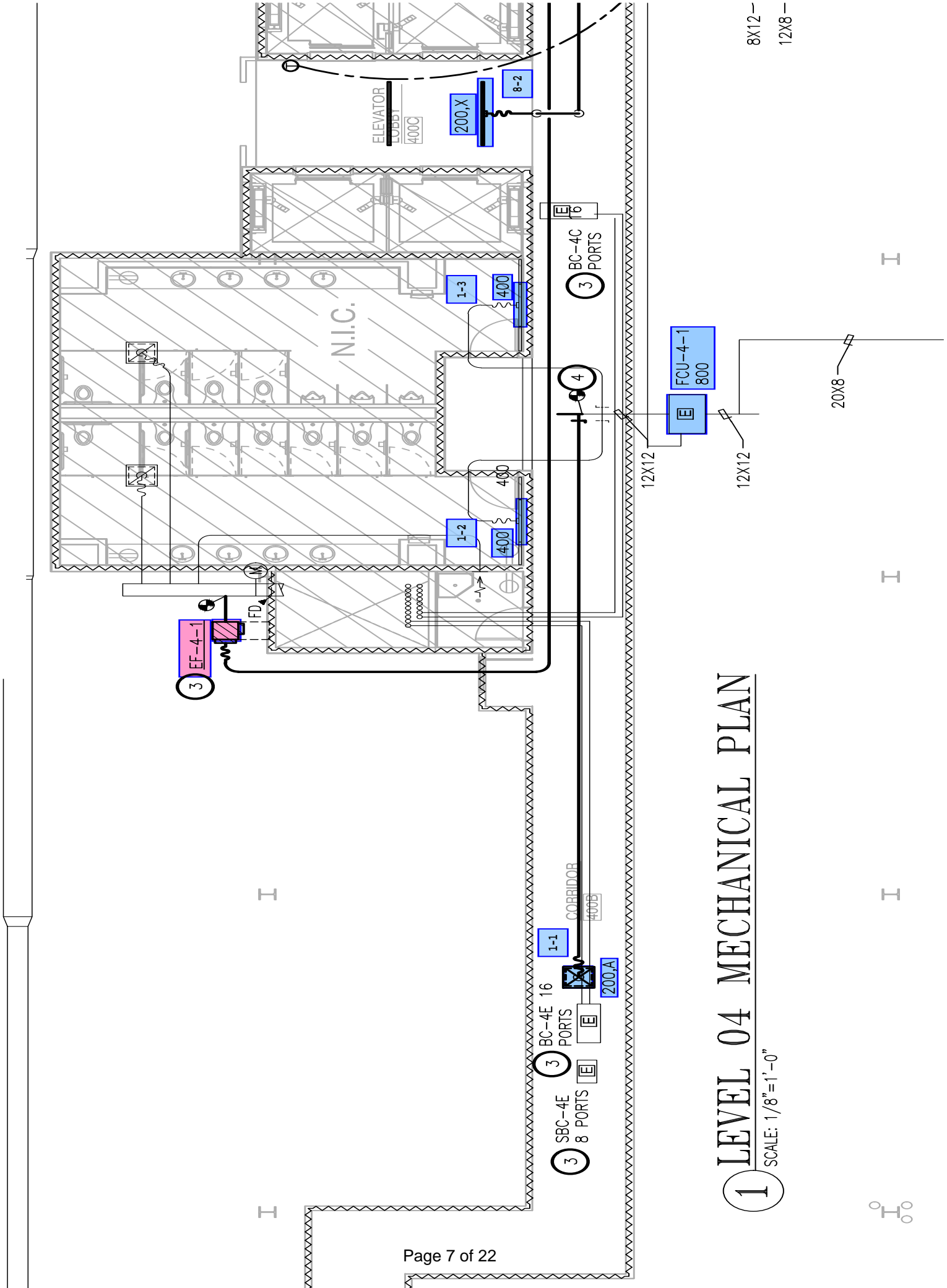
Testing, Adjusting, and Balancing Equipment



Function		Range	Minimum Accuracy	Instrument Information	Calibration Date	Date Due
AIR	AIR PRESSURE	0 in wg to 10 in wg	2% +/- 0.001 in wg	Shortridge ADM-860C - S/N MO5066	11/22/2019	11/22/2020
	AIR VELOCITY INSTRUMENT	50 fpm to 3900 fpm	+/- 5 % +/- 7 fpm	Shortridge ADM-860C - S/N MO5066	11/22/2019	11/22/2020
	DIRECT HOOD READING	100 cfm to 2000 cfm	+/- 5 % +/- 7 cfm	DWYER SAH- S/N 01KB6V	3/30/2020	3/30/2021
TEMPERATURE	AIR METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 090315046	6/4/2020	6/4/2021
	AIR PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - PD1388 7-6 S/N 5028	6/4/2020	6/4/2021
	IMMERSION METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 090315046	6/4/2020	6/4/2021
	IMMERSION PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - PD1388 7-6 S/N 1075	6/4/2020	6/4/2021
	CONTACT METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 090315046	6/4/2020	6/4/2021
	CONTACT PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - PD1388 7-6 S/N 4011	6/4/2020	6/4/2021
HUMIDITY	HUMIDITY PROBE	10 % RH to 90 % RH	3% of reading	Cooper ATKINS - SRH77A S/N 090315046	6/4/2020	6/4/2021
ELECTRICAL	VOLTAGE MEASUREMENT	0 VAC to 600 VAC	2 % reading +/- 5 digits	Fluke 334 , S/N: 87004594	6/5/2020	6/6/2021
	AMPERAGE MEASUREMENT	0 Amperers to 100 Amperes	2 % reading +/- 5 digits	Fluke 334 , S/N: 87004594	6/5/2020	6/6/2021
ROTATION	ROTATION MEASUREMENT	60 rpm to 5000 rpm	2 % reading 2 rpm	SHIMPO DT-207LR S/N: C4AB0029	6/6/2020	6/7/2021
HYDRONIC	PRESSURE MEASUREMENT	-30 in Hg to 200 psi	±2% of reading +/- 1 psi	Alnor HM680 S/N: 70807241	1/5/2020	1/5/2021
	DIFFERENTIAL PRESSURE MEASUREMENT	0 psi - 80 psi	±2% of reading +/- 1 psi	Alnor HM680 S/N: 70807241	1/5/2020	1/5/2021

ABBREVIATIONS

AK	Area Factor	NL	Not Listed
B.H.P.	Brake Horse Power	NO.	Number
CFM	Cubic Feet Per Minute	NPSH	Net Positive Suction Head
CO ₂	Carbon Dioxide	NOX	Mono – Nitrogen Oxides
CO	Carbon Monoxide	NS	Not Specified
CH ₂ O	Formaldehyde	OA	Outside Air
CD	Ceiling Diffuser	OAT	Outdoor Air Temperature
CLG	Cooling	P.F.	Power Factor
CF	Correction Factor	P.D.	Pressure Drop
DB	Dry Bulb	PPM	Parts Per Million
Dir	Direction	PSI	Pounds Per Square Inch
EA	Exhaust Air	PSID	PSI Differential
Eff.	Efficiency	RA	Return Air
EF	Exhaust Fan	RH	Relative Humidity
EAT	Entering Air Temperature	RF	Return Fan
EG	Exhaust Grille	RPM	Rotations Per Minute
E.S.P.	External Static Pressure	RAT	Return Air Temperature
EWT	Entering Water Temperature	RG	Return Grille
FPM	Feet Per Minute	SA	Supply Air
F.L.	Full Load	S.F.	Service Factor
FPVAV	Fan Powered Variable Air Volume	SF	Supply Fan
FT	Feet	S.P.	Static Pressure
F	Fahrenheit	SR	Supply Register
GPM	Gallons Per Minute	SQ.	Square
H.P.	Horse Power	TEMP	Temperature
HTG	Heating	T.S.P.	Total Static Pressure
IN	Inches	VEL	Velocity
LAT	Leaving Air Temperature	VFD	Variable Frequency Drive
LWT	Leaving Water Temperature	VAV	Variable Air Volume
MIN	Minimum	VVR	Variable Volume Reheat
MAX	Maximum	WB	Wet Bulb
NEBB	National Environmental Balancing Bureau	WC	Water Column
N/A	Not Applicable	%	Percentage
NA	No Access	#	Number



1 LEVEL 04 MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

8X12 -
12X8 -



Project Summary

-----COMPLETED-----

REPORT IS ISSUED WITH EXHAUST FANS INCOMPLETE. WHEN ELECTRIC SERVICE IS PROVIDED TO FANS A RE-VISIT WILL BE DONE TO BALANCE. MULTIPLE WRITTEN AND VERBAL REQUESTS WERE MADE TO INFORM TRADES AND GC TO CORRECT THIS ISSUE.

-----ISSUES-----

1. EXHAUST FANS 4-1 AND 4-2 ARE RUNNING AT HIGHEST POSSIBLE SPEED AND ARE UNDER DESIGN. NO FURTHER ADJUSTMENTS CAN BE MADE.

System/Unit: Fan Coil



Asset: FCU-4-1

AREA: CORRIDOR/ RESTROOMS

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	PEFY-P24
Serial Num	-	97RO4748
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	0.9

Test Data		
	Design	Actual
SFAN CFM	1000	1013
Motor Speed SetPt	-	HIGH
RL Voltage	-	213
RL Amperage	-	0.9
RA CFM	1013	1013
OA CFM	0	0

Performance Data		
	Design	Actual
Suction ESP	-	0.14
Discharge ESP	-	0.29
Total ESP	0.60	0.43

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-1 / CORRIDOR/ RESTROOMS

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	CORRIDOR 400D	A	8	200		162		200	100.0
SGRD2	RESTROOM	C	10	400		305		411	102.8
SGRD3	RESTROOM	C	10	400		294		402	100.5

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-3

AREA: OFFICES 412,413

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P030
Serial Num	-	02R0066930P80 K
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	2.73

Test Data		
	Design	Actual
SFAN CFM	1075	1072
Motor Speed SetPt	-	MED HIGH
RL Voltage	-	211
RL Amperage	-	0.8
RA CFM	995	1002
OA CFM	80	70

Performance Data		
	Design	Actual
Suction ESP	-	0.13
Discharge ESP	-	0.28
Total ESP	0.40	0.41

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-3 / OFFICES 412,413

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	412	A	8	135		169		136	100.7
SGRD2	412	C	10	235		187		227	96.6
SGRD3	413	C	10	235		254		219	93.2
SGRD4	413	C	10	235		121		239	101.7
SGRD5	413	C	10	235		208		251	106.8

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes



Asset: FCU-4-4

AREA: OFFICE 414, RR 415

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P036
Serial Num	-	03R0108930P80 L
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	Actual
SFAN CFM	1260	1260
Motor Speed SetPt	-	MEDIUM
RL Voltage	-	212
RL Amperage	-	2.73
RA CFM	1220	1223
OA CFM	40	37

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	3.5

Performance Data		
	Design	Actual
Suction ESP	-	0.06
Discharge ESP	-	0.19
Total ESP	0.28	0.25

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-4 / OFFICE 414, RR 415

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	414	C	10	250		263		255	102.0
SGRD2	414	C	10	250		284		251	100.4
SGRD3	414	C	10	250		211		250	100.0
SGRD4	414	C	10	250		207		244	97.6
SGRD5	415	C1	10	260		194		260	100.0

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes



Asset: FCU-4-5

AREA: OFFICES 416,417,418,419,420

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P036
Serial Num	-	03R0111130P80 L
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	Actual
SFAN CFM	1600	1593
Motor Speed SetPt	-	HIGH
RL Voltage	-	212
RL Amperage	-	3.5
RA CFM	1500	1487
OA CFM	100	106

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	3.5

Performance Data		
	Design	Actual
Suction ESP	-	0.21
Discharge ESP	-	0.33
Total ESP	0.60	0.54

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-5 / OFFICES 416,417,418,419,420

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	420	C	10	320		451		326	101.9
SGRD2	419	C	10	320		432		322	100.6
SGRD3	418	C	10	320		352		320	100.0
SGRD4	417	C	10	320		382		314	98.1
SGRD5	416	C	10	320		120		311	97.2

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-6

AREA: OFICCES 21,21,23

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P048
Serial Num	-	02R0082430P80 M
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	3.5

Test Data		
	Design	Actual
SFAN CFM	1600	1611
Motor Speed SetPt	-	HIGH
RL Voltage	-	213
RL Amperage	-	3.5
RA CFM	1500	1503
OA CFM	100	108

Performance Data		
	Design	Actual
Suction ESP	-	0.19
Discharge ESP	-	0.31
Total ESP	0.60	0.50

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-6 / OFICCES 21,21,23

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	423	C	10	320		322		320	100.0
SGRD2	423	C	10	320		326		320	100.0
SGRD3	422	C	10	320		393		331	103.4
SGRD4	421	C	10	320		265		315	98.4
SGRD5	421	C	10	320		241		325	101.6

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-7

AREA: CONFERENCE 24

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P030
Serial Num	-	01R0059430P80 K
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	2.73

Test Data		
	Design	Actual
SFAN CFM	1160	1161
Motor Speed SetPt	-	MED HIGH
RL Voltage	-	212
RL Amperage	-	2.73
RA CFM	880	884
OA CFM	280	277

Performance Data		
	Design	Actual
Suction ESP	-	0.15
Discharge ESP	-	0.22
Total ESP	0.40	0.37

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-7 / CONFERENCE 24

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	424	A	8	200		263		202	101.0
SGRD2	424	C1	10	320		244		320	100.0
SGRD3	424	C1	10	320		257		324	101.3
SGRD4	424	C1	10	320		352		315	98.4

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-8

AREA: CORRIDOR

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P012
Serial Num	-	02R0127130P80 E
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	Actual
SFAN CFM	400	412
Motor Speed SetPt	-	HIGH
RL Voltage	-	211
RL Amperage	-	1.2
RA CFM	0	0
OA CFM	400	412

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	1.2

Performance Data		
	Design	Actual
Suction ESP	-	0.18
Discharge ESP	-	0.31
Total ESP	0.60	0.49

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-8 / CORRIDOR

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	CORRIDOR 400D	A	8	200		209		211	105.5
SGRD2	CORRIDOR 400D	A	8	200		254		201	100.5

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-9

AREA: CONFERENCE 401

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P008
Serial Num	-	01R0067330P80 D
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	1.05

Test Data		
	Design	Actual
SFAN CFM	250	250
Motor Speed SetPt	-	HIGH
RL Voltage	-	213
RL Amperage	-	1.05
RA CFM	90	90
OA CFM	160	160

Performance Data		
	Design	Actual
Suction ESP	-	0.20
Discharge ESP	-	0.34
Total ESP	0.60	0.54

Completed By: Brian Irvin on 10/06/2020

Notes:

Diffuser Supply (GRD)

FCU-4-9 / CONFERENCE 401

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	401	A	8	125		136		125	100.0
SGRD2	401	A	8	125		150		125	100.0

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-10

AREA: CONFERENCE 402

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P008
Serial Num	-	01R0067230P80 D
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	1.05

Test Data		
	Design	Actual
SFAN CFM	250	251
Motor Speed SetPt	-	HIGH
RL Voltage	-	213
RL Amperage	-	1.05
RA CFM	90	92
OA CFM	160	159

Performance Data		
	Design	Actual
Suction ESP	-	0.21
Discharge ESP	-	0.28
Total ESP	0.60	0.49

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-10 / CONFERENCE 402

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	402	A	8	125		136		124	99.2
SGRD2	402	A	8	125		134		127	101.6

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-11

AREA: ENTRY 400, OPEN OFFICE
425, BREAK 403

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P036
Serial Num	-	03R0108130P80 L
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	Actual
SFAN CFM	1215	1210
Motor Speed SetPt	-	MEDIUM
RL Voltage	-	210
RL Amperage	-	3.5
RA CFM	1055	1042
OA CFM	160	168

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	3.5

Performance Data		
	Design	Actual
Suction ESP	-	0.14
Discharge ESP	-	0.24
Total ESP	0.40	0.38

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-11 / ENTRY 400, OPEN OFFICE 425, BREAK 403

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	403	A	8	125		130		126	100.8
SGRD2	425	A	8	200		205		205	102.5
SGRD3	403	A	8	125		141		128	102.4
SGRD4	425	A	8	200		125		204	102.0
SGRD5	425	A	8	200		189		188	94.0
SGRD6	425	A	8	200		236		194	97.0
SGRD7	400	A	8	165		247		165	100.0

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: Fan Coil



Asset: FCU-4-12

AREA: OPEN OFFICE 425, 404,
COPY 405, WELLNESS 408, PHONE
409, 410

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P012
Serial Num	-	02R0126830P80 E
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	Actual
SFAN CFM	350	359
Motor Speed SetPt	-	MED HIGH
RL Voltage	-	213
RL Amperage	-	1.2
RA CFM	290	300
OA CFM	60	59

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	1.2

Performance Data		
	Design	Actual
Suction ESP	-	0.09
Discharge ESP	-	0.18
Total ESP	0.28	0.27

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

**FCU-4-12 / OPEN OFFICE
425, 404, COPY 405,
WELLNESS 408, PHONE 409,
410**

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	405	A	8	125		188		125	100.0
SGRD2	404	A	8	75		100		75	100.0
SGRD3	408	A	8	50		69		55	110.0
SGRD4	409	A	8	50		75		54	108.0
SGRD5	410	A	8	50		23		50	100.0

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes



Asset: FCU-4-13

AREA: OPEN OFFICE 425, COPY 411

Unit Data		
	Design	Actual
MFG	NA	MITSUBISHI
Model Num	NA	TPEFY-P030
Serial Num	-	01R0059830P80 K
Configuration	HORIZONTAL	HORIZONTAL

Test Data		
	Design	Actual
SFAN CFM	920	951
Motor Speed SetPt	-	MEDIUM
RL Voltage	-	212
RL Amperage	-	2.73
RA CFM	680	690
OA CFM	240	261

Motor Data		
	Design	Actual
Horsepower	-	NL
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	2.73

Performance Data		
	Design	Actual
Suction ESP	-	0.15
Discharge ESP	-	0.20
Total ESP	0.40	0.35

Completed By: Brian Irvin on 08/10/2020

Notes:

Diffuser Supply (GRD)

FCU-4-13 / OPEN OFFICE 425, COPY 411

Asset	Area Served	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	411	A	8	120		101		123	102.5
SGRD2	425	A	8	200		102		202	101.0
SGRD3	425	A	8	200		246		200	100.0
SGRD4	425	A	8	200		247		210	105.0
SGRD5	425	A	8	200		296		216	108.0

Completed By: Brian Irvin on 08/05/2020

Asset	Area Served	Notes

System/Unit: FAN - Exhaust



Asset: EF-4-1

AREA: IT 407

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SPA-900
Serial Num	-	16733002
Type	CABINET	CABINET

Test Data		
	Design	Actual
CFM	800	290
RL Voltage	-	122
RL Amperage	-	2.9
Total ESP	0.25	0.17

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	NL
Horsepower	0.25	0.125
Motor Rpm	950	DD
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	3.0
Service Factor	-	1.15

Completed By: Brian Irvin on 10/06/2020

Notes: FAN AT HIGHEST SPEED SETPOINT

System/Unit: FAN - Exhaust



Asset: EF-4-2

AREA: RR 414

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SQ-98-VG
Serial Num	-	16745540
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	300	93
RL Voltage	-	122
RL Amperage	-	2.0
Total ESP	0.625	0.265

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	NL
Horsepower		0.167
Motor Rpm	1422	DD
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	250W
Service Factor	-	1.15

Completed By: Brian Irvin on 10/06/2020

Notes: FAN AT HIGHEST SPEED SET POINT.