National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-1-1-7 AREA:130

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP048MA144A
Serial Num	-	27R0103530P914
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.402
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	3.09

Test Data		
	Design	**Actual**
SFAN CFM	1360	1291
Motor Speed SetPt	-	MEDIUM SPEED
RL Voltage	-	113
RL Amperage	-	1.9
RA CFM	1105	1033
OA CFM	255	258

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.03
Discharge ESP	-	0.06
Total ESP	-	0.09

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-1-1-7/130

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
1-1-7-1	130	D	12"X6"	170	136	153	90.0
1-1-7-2	130	D	12"X6"	170	122	155	91.2
1-1-7-3	130	D	12"X6"	170	154	159	93.5
1-1-7-4	130	D	12"X6"	170	145	159	93.5
1-1-7-5	130	D	12"X6"	170	113	155	91.2
1-1-7-6	130	D	12"X6"	170	164	173	101.8
1-1-7-6	130	D	12"X6"	170	211	172	101.2
1-1-7-7	130	D	12"X6"	170	211	165	97.1

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-1-2-10 AREA:114

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	21R0101730P90W
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.114
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	0.89

Test Data		
	Design	**Actual**
SFAN CFM	440	418
Motor Speed SetPt	-	MEDIUM
RL Voltage	-	214
RL Amperage	-	0.6
RA CFM	375	355
OA CFM	65	63

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.02
Discharge ESP	-	0.11
Total ESP	-	0.13

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-1-2-10/114

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
1-2-10-1	113	A	8"	185	161	177	95.7
1-2-10-2	114	A	8"	185	191	167	90.3
1-2-10-3	NA	NA	NA	70	50	74	105.7

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-1-3-1 AREA:167

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP048MA144A
Serial Num	-	27R0106630P91
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	3.09

Test Data		
	Design	**Actual**
SFAN CFM	1320	1210
Motor Speed SetPt	-	MEDIUM HIGH
RL Voltage	-	212
RL Amperage	-	2.3
RA CFM	1095	1122
OA CFM	225	88

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.04
Discharge ESP	-	0.03
Total ESP	-	0.07

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-1-3-1/167

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-3-1-1	170	D	16"X6"	220	225	200	90.9
1-3-1-2	170	D	16"X6"	220	270	205	93.2
1-3-1-3	170	D	16"X6"	220	195	200	90.9
1-3-1-4	170	D	16"X6"	220	175	203	92.3
1-3-1-5	170	D	16"X6"	220	200	198	90.0
1-3-1-6	170	D	16"X6"	220	192	204	92.7

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-1-3-2 AREA:167

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP027MA144A
Serial Num	-	27R0022130P911
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	2.03

Test Data		
	Design	**Actual**
SFAN CFM	920	964
Motor Speed SetPt	-	MEDIUM
RL Voltage	-	214
RL Amperage	-	1.2
RA CFM	860	908
OA CFM	60	56

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.03
Discharge ESP	-	0.06
Total ESP	-	0.09

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-1-3-2/167

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-3-2-1	167	D	16"X6"	230	278	250	108.7
1-3-2-2	167	D	16"X6"	230	161	246	107.0
1-3-2-3	167	D	16"X6"	230	187	248	107.8
1-3-2-4	167	D	16"X6"	230	193	220	95.7

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-1-3-16 AREA:167

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP030MA144A
Serial Num	-	28R0089430P912
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	2.03

Test Data		
	Design	**Actual**
SFAN CFM	900	913
Motor Speed SetPt	-	LOW
RL Voltage	-	213
RL Amperage	-	0.8
RA CFM	745	783
OA CFM	155	130

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.02
Discharge ESP	-	0.03
Total ESP	-	0.05

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-1-3-16/167

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
1-3-16-1	167	D	12"X6"	150	167	136	90.7
1-3-16-2	167	D	12"X6"	150	221	161	107.3
1-3-16-3	167	D	12"X6"	150	226	157	104.7
1-3-16-4	167	D	12"X6"	150	228	157	104.7
1-3-16-5	167	D	12"X6"	150	215	149	99.3
1-3-16-6	167	D	12"X6"	150	205	153	102.0

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-2-2-5 AREA:250

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	29R0228230P90Z
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	208	208
Amperage (rated)	-	2.03

Test Data		
	Design	**Actual**
SFAN CFM	835	677
Motor Speed SetPt	-	MEDIUM LOW
RL Voltage	-	NR
RL Amperage	-	NR
RA CFM	605	579
OA CFM	100	98

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.02
Discharge ESP	-	0.04
Total ESP	-	0.06

Completed By: Chance Russel

Notes: Unable to inidivdually read diffusers, unit was traversed to measure total flow. Unable to adjust fan speed due to unit proximity to a wall

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-2-2-5/250

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-2-5-1	250	G	10"	235			-
2-2-5-2	250	G	10"	130			-
2-2-5-3	250	G	10"	235			-
2-2-5-4	250	G	10	235			-

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-2-2-10 AREA:246

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP006MA144A
Serial Num	-	23R0092830P90U
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.114
Phase	-	1
Voltage (rated)	208	208
Amperage (rated)	-	0.70

Test Data		
	Design	**Actual**
SFAN CFM	425	332
Motor Speed SetPt	-	HIGH
RL Voltage	-	212
RL Amperage	-	0.59
RA CFM	380	287
OA CFM	45	45

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.01
Discharge ESP	-	0.01
Total ESP	-	0.02

Completed By: Chance Russel

Notes: Model is 300 CFM unit on high speed per submittal.

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-2-2-10/246

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-2-10-1	208	A	8"	170	103	133	78.2
2-2-10-2	207	A	8"	130	113	98	75.4
2-2-10-3	240	A	8"	65	56	53	81.5
2-2-10-4	246	A	8"	60	63	48	80.0

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-2-2-11 AREA:204

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP012MA144A
Serial Num	-	2XR0288830P90W
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.114
Phase	-	1
Voltage (rated)	208	230
Amperage (rated)	-	0.89

Test Data		
	Design	**Actual**
SFAN CFM	410	321
Motor Speed SetPt	-	HIGH
RL Voltage	-	211
RL Amperage	-	0.93
RA CFM	355	284
OA CFM	55	47

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.02
Discharge ESP	-	.02
Total ESP	-	0.04

Completed By: Wesley John

Notes: Model is 371 CFM unit on high speed per submittal.

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-2-2-11/204

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-2-11-1	206	A	8"	110	43	87	79.1
2-2-11-2	205	F	12"X8"	100	150	77	77.0
2-2-11-3	205	A	8"	140	67	107	76.4
2-2-11-4	204	A	8"	60	83	50	83.3

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-2-3-10 AREA:261

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP024MA144A
Serial Num	-	29R0230930P90Z
Configuration	-	HORIZTONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	230	230
Amperage (rated)	-	2.03

Test Data		
	Design	**Actual**
SFAN CFM	810	881
Motor Speed SetPt	-	MEDIUM
RL Voltage	-	213
RL Amperage	-	1.2
RA CFM	760	826
OA CFM	50	55

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.02
Discharge ESP	-	0.04
Total ESP	-	0.06

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-2-3-10/261

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
2-3-10-1	259	A	8"	110	105	119	108.2
2-3-10-2	258	E	8"	50	103	54	108.0
2-3-10-3	260	A	8"	85	97	92	108.2
2-3-10-4	284	F	12"X8"	100	107	108	108.0
2-3-10-5	257	E	8	50	105	54	108.0
2-3-10-6	255	A	8"	50	0	53	106.0
2-3-10-6	261	A	8"	110	138	121	110.0
2-3-10-7	256	A	8"	105	120	115	109.5
2-3-10-8	254	E	8"	50	105	55	110.0
2-3-10-10	253	E	8"	50	105	55	110.0
2-3-10-11	252	NA	8"	50	114	55	110.0

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-4-3-6 AREA:446

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP036MA144A
Serial Num	-	27R013930P913
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.402
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	3.01

Test Data		
	Design	**Actual**
SFAN CFM	1330	1287
Motor Speed SetPt	-	MEDIUM HIGH
RL Voltage	-	213
RL Amperage	-	2.2
RA CFM	1235	1278
OA CFM	95	94

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.02
Discharge ESP	-	0.22
Total ESP	-	0.24

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-4-3-6/446

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
4-3-6-1	445	G	10"	260	101	241	92.7
4-3-6-2	446	C	10"	210	103	221	105.2
4-3-6-3	445	G	10"	260	99	239	91.9
4-3-6-4	445	G	10"	260	105	251	96.5
4-3-6-5	445	G	10"	260	97	254	97.7
4-3-6-6	443	G	6	80	65	81	101.3

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-4-3-9 AREA:453

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP015MA144A
Serial Num	-	24R0112230P90X
Configuration	-	HORIZONTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	1.24

Test Data		
	Design	**Actual**
SFAN CFM	695	704
Motor Speed SetPt	-	MEDIUM HIGH
RL Voltage	-	213
RL Amperage	-	1.0
RA CFM	610	631
OA CFM	85	73

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.03
Discharge ESP	-	0.06
Total ESP	-	0.09

Completed By: Chance Russel

Notes:

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-4-3-9/453

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
4-3-9-1	458	E	8	50	74	55	110.0
4-3-9-2	461	F	12X8	100	205	108	108.0
4-3-9-3	454	A	8	150	150	144	96.0
4-3-9-4	457	E	8	50	65	48	96.0
4-3-9-5	459	A	8	75	38	75	100.0
4-3-9-6	455	A	8	50	24	45	90.0
4-3-9-6	456	A	8	70	34	70	100.0
4-3-9-7	453	A	8	150	153	159	106.0

Completed By: Michael Gabbert on

National TAB

Project: CW 9000 - At Home (Coppell, TX)

System/Unit: Fan Coil

Asset: FCU-4-3-15 AREA:496

Unit Data		
	Design	**Actual**
MFG	NA	TRANE
Model Num	NA	TPEFYP027MA144A
Serial Num	-	27R0020830P911
Configuration	-	HORIZANTAL

Motor Data		
	Design	**Actual**
Motor MFG	-	INTERTEK
Horsepower	-	0.162
Phase	-	1
Voltage (rated)	-	230
Amperage (rated)	-	2.03

Test Data		
	Design	**Actual**
SFAN CFM	300	467
Motor Speed SetPt	-	LOW
RL Voltage	-	213
RL Amperage	-	0.6
RA CFM	185	367
OA CFM	115	100

Performance Data		
	Design	**Actual**
Suction ESP	-	-0.01
Discharge ESP	-	0.25
Total ESP	-	0.26

Completed By: Chance Russel

Notes: Model is 800 CFM unit on high speed per submittal.

National TAB

Project:CW 9000 - At Home (Coppell, TX)

Fan Coil

Diffuser Supply (GRD)

FCU-4-3-15/496

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
4-3-15-1	496	A	10"	300	534	467	155.7

Completed By: Michael Gabbert on