National TAB

Project:CW 2999 - UTSW (DALLAS, TX)

Comfort. Under control.

VAV-Fan Powered Box

FPB's/

Asset										
Asset Name	**Service**	**Type**	**Inlet Size**	**Design Max Cool CFM**	**Max Cool CFM**	**Design Min Cool CFM**	**Min Cool CFM**	**Design Fan CFM (Heat)**	**Fan CFM (Heat)**	**Ak (max)**
FPB-3-01	ADDRESS		12	1830		610		1830		
FPB-3-02	ADDRESS		12	1830		610		1830		
FPB-3-03	ADDRESS		10	1220		410		1220		
FPB-3-04	ADDRESS		12	1830		610		1830		
FPB-3-05	ADDRESS		12	1830		610		1830		
FPB-3-06	ADDRESS		8	510		170		510		
FPB-3-07	ADDRESS		6	380		130		380		
FPB-3-08	ADDRESS	FPB-3N-08	12	1760		670		1090		1750.9
FPB-3-09	ADDRESS	FPB-3N-09	12	1880	1874	630	638	1250	1216	2263.4
FPB-3-10	ADDRESS	FP-3N-10	8	895	902	300	296	595	697	956.4
FPB-3-11	ADDRESS		10	930		310		930		
FPB-3-12	ADDRESS		8	770		260		770		
FPB-3-13	ADDRESS		10	1330		450		1330		
FPB-3-14	ADDRESS		10	1010		340		1010		
FPB-3-15	ADDRESS		8	710		240		710		
FPB-3-16	ADDRESS		8	650		220		650		
FPB-3-17	ADDRESS		8	730		250		730		
FPB-3-18	ADDRESS		10	1260		420		1260		
FPB-3-19	ADDRESS		10	1000		340		1000		
FPB-3-20	ADDRESS		12	1890		630		1890		
FPB-3-21	ADDRESS		10	1180		390		1180		
FPB-3-22	ADDRESS		8	820		280		820		

VAV-Fan Powered Box

FPB's/

Asset										
Asset Name	**Service**	**Type**	**Inlet Size**	**Design Max Cool CFM**	**Max Cool CFM**	**Design Min Cool CFM**	**Min Cool CFM**	**Design Fan CFM (Heat)**	**Fan CFM (Heat)**	**Ak (max)**
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FPB-3-02	ADDRESS		12	1830		610		1830		
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FPB-3-04	ADDRESS		12	1830		610		1830		
FPB-3-05	ADDRESS		12	1830		610		1830		
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FPB-3-07	ADDRESS		6	380		130		380		
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FPB-3-12	ADDRESS		8	770		260		770		
FPB-3-13	ADDRESS		10	1330		450		1330		
FPB-3-14	ADDRESS		10	1010		340		1010		
FPB-3-15	ADDRESS		8	710		240		710		
FPB-3-16	ADDRESS		8	650		220		650		
FPB-3-17	ADDRESS		8	730		250		730		
FPB-3-18	ADDRESS		10	1260		420		1260		
FPB-3-19	ADDRESS		10	1000		340		1000		
FPB-3-20	ADDRESS		12	1890		630		1890		
FPB-3-21	ADDRESS		10	1180		390		1180		
FPB-3-22	ADDRESS		8	820		280		820		

National TAB

Project:CW 2999 - UTSW (DALLAS, TX)

Comfort. Under control.

VAV - Single Duct

VAV's/

Asset									
Asset Name	**Type**	**Inlet Size**	**Design Max CFM**	**Max CFM**	**Design Min CFM**	**Min CFM**	**Ak (max)**	**Design Heat CFM**	**Heat CFM**
VAV-3-01	VAV-3N-38	8	500	499	500	499	964.7		
VRH-3-01	VHN-3N-48	8	685	557	220	218		450	447
VRH-3-02	VRH-3N-49	6	220	217	80	78		180	181
VRH-3-03	VRH-3N-53	6	200	196	70	71		180	178
VRH-3-04	VRH-3N-54	8	570	585	190	193		380	383
VRH-3-05	VRH-3N-06	6	300	293	100	98		200	201
VRH-3-06	VRH-3N-07	6	200	203	70	73		180	181
VRH-3-07	VRH-3N-05	6	220	226	80	81		180	183
VRH-3-08	VRH-3N-04	6	240	239	80	79		180	176
VRH-3-09	VHR-3N-12	8	360	355	120	122		240	243
VRH-3-10	VRH-3N-45	10	760	791	260	264		500	510
VRH-3-11	VRH-3N-14	6	200	199	70	71		180	178
VRH-3-12	VRH-3N-16	6	250	247	90	89		180	179
VRH-3-13	VRH-3N-41	6	240	249	70	72		180	184
VRH-3-14	VRH-3N-18	6	200	191	70	68		180	176
VRH-3-15	VRH-3S-33	8	410	425	140	145		270	278
VRH-3-16	VRH-3S-27	8	480	509	160	163		320	323
VRH-3-17	VRH-3S-26	6	280		100			190	
VRH-3-18	VRH-3S-25	8	410	404	170	172		270	268
VRH-3-19	VRH-3S-28	8	490	494	170	174		320	321
VRH-3-20	VRH-3S-32	8	460	459	140	145		270	278
VRH-3-21	VRH-3S-34	8	590	591	200	202		390	387
VRH-3-22	VRH-3S-34	8	510	482	180	181		340	343
VRH-3-23	VRH-3S-35	10	880	848	300	289		580	573
VRH-3-24		8	360		120			240	
VRH-3-25	VRH-3N-40	6	230		80			180	
VRH-3-26	VRH-3N-42	6	350	336	120	118		230	231
VRH-3-27	VRH-3N-46	8	500	513	170	173		330	337
VRH-3-28	VRH-3N-47	7	560	567	190	193		370	381

Asset	Notes
VRH-3-22	Diffuser 4 does not have a damper and is thus extremely high on CFM. The diffusers is extremely close to the main duct as well.
VRH-3-28	Fully dampered diffuser 4 and 5 are still high and 1 is still low.

National TAB

Project:CW 2999 - UTSW (DALLAS, TX)

Comfort. Under control.

VAV - Single Duct

VAV's/

Asset									
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VRH-3-07	VRH-3N-05	6	220	226	80	81		180	183
VRH-3-08	VRH-3N-04	6	240	239	80	79		180	176
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VRH-3-24		8	360		120			240	
VRH-3-25	VRH-3N-40	6	230		80			180	
VRH-3-26	VRH-3N-42	6	350	336	120	118		230	231
VRH-3-27	VRH-3N-46	8	500	513	170	173		330	337
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National TAB

Project: CW 2999 - UTSW (DALLAS, TX)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-11-1 AREA:313

Unit Data		
	Design	**Actual**
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	CRE UTILITY UP

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	7.5	
Motor Rpm	-	
Phase	3	
Voltage (rated)	480	
Amperage (rated)	-	
Service Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

Test Data		
	Design	**Actual**
CFM	10000	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1.5	
Brake Horse Power	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project:CW 2999 - UTSW (DALLAS, TX)

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF-11-1/313

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
E11-1-2	E1		160					-
E11-1-2	E2		130					-
E11-1-2	E2		90					-
E11-1-4	E2		80					-
E11-1-5	E2		150					-
E11-1-6								
E11-1-7	E2		110					-
E11-1-8	E2		50					-
E11-1-9	E2		90					-
E11-1-10	E2		120					-
E11-1-11	E2		100					-
E11-1-12	E2		150					-
E11-1-13	E2		100					-
E11-1-14	E2		110					-
E11-1-15	E2		110					-

Completed By: Michael Gabbert on