

National TAB

Project: CW 2999 - UTSW (DALLAS, TX)

VAV - Single Duct

VAV's/

Asset									
Asset Name	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
VAV-3-01	VAV-3N-38	8	500	499	500	499	0	0	964.7
VRH-3-01	VHN-3N-48	8	685	557	220	218	450	447	902.3
VRH-3-02	VRH-3N-49	6	220	217	80	78	180	181	487.1
VRH-3-03	VRH-3N-53	6	200	196	70	71	180	178	479.3
VRH-3-04	VRH-3N-54	8	570	585	190	193	380	383	855.0
VRH-3-05	VRH-3N-06	6	300	293	100	98	200	201	463.4
VRH-3-06	VRH-3N-07	6	200	203	70	73	180	181	479.8
VRH-3-07	VRH-3N-05	6	220	226	80	81	180	183	504.9
VRH-3-08	VRH-3N-04	6	240	239	80	79	180	176	526.3
VRH-3-09	VHR-3N-12	8	360	355	120	122	240	243	828.4
VRH-3-10	VRH-3N-45	10	760	791	260	264	500	510	1477.5
VRH-3-11	VRH-3N-14	6	200	199	70	71	180	178	435.6
VRH-3-12	VRH-3N-16	6	250	247	90	89	180	179	457.8
VRH-3-13	VRH-3N-41	6	240	249	70	72	180	184	429.7
VRH-3-14	VRH-3N-18	6	200	191	70	68	180	176	320.4
VRH-3-15	VRH-3S-33	8	410	425	140	145	270	278	843.4
VRH-3-16	VRH-3S-27	8	480	509	160	163	320	323	845.0
VRH-3-17	VRH-3S-26	6	280	285	100	106	190	193	
VRH-3-18	VRH-3S-25	8	410	404	170	172	270	268	845.0
VRH-3-19	VRH-3S-28	8	490	494	170	174	320	321	916.2
VRH-3-20	VRH-3S-32	8	460	459	140	145	270	278	876.7
VRH-3-21	VRH-3S-34	8	590	591	200	202	390	387	895.2
VRH-3-22	VRH-3S-34	8	510	482	180	181	340	343	1002.1
VRH-3-23	VRH-3S-35	10	880	858	300	289	580	573	1477.3
VRH-3-24	VRH-3N-39	8	360	349	120	121	240	243	777.6
VRH-3-25	VRH-3N-40	6	230	231	80	82	180	178	487.2
VRH-3-26	VRH-3N-42	6	350	336	120	118	230	231	492.0
VRH-3-27	VRH-3N-46	8	500	513	170	173	330	337	984.8
VRH-3-28	VRH-3N-47	7	560	567	190	193	370	381	848.2

Asset	Notes
VRH-3-01	SA Duct leading up to the unit is 6" not 8". Then the duct transfers to about 3 feet of 8" flex duct before connecting to the unit.
VRH-3-28	Fully dampered diffuser 4 and 5 are still high and 1 is still low.

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Project: CW 2999 - UTSW (DALLAS, TX)

Diffuser Supply (GRD)

VRH-3-01/318

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V01-2	316	S1	6	70	90	104	148.6
V01-2	318	S1	10	205	125	155	75.6
V01-2	318	S1	10	205	125	153	74.6
V01-4	318	S1	10	205	126	145	70.7

VRH-3-02/302

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V02-2	302	S1	8	120	126	124	103.3
V02-2	303	S1	6	100	88	93	93.0

VRH-3-03/305

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V03-2	304	S1	6	100	103	103	103.0
V03-2	305	S1	6	100	93	93	93.0

VRH-3-04/306

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V04-2	306	S1	10	285	289	280	98.2
V04-2	306	S1	10	285	351	305	107.0

VRH-3-05/309

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V05-2	310	S1	6	100	92	109	109.0
V05-2	309	S1	6	100	124	92	92.0
V05-2	309	S1	6	100	66	92	92.0

VRH-3-06/311

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V06-2	312	S1	6	100	95	101	101.0
V06-2	311	S1	6	100	95	102	102.0

VRH-3-07/315

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V07-2	315	S1	6	50	55	50	100.0
V07-2	3.13	S1	6	50	79	51	102.0
V07-2	314	S2	6	60	27	66	110.0
V07-4	313	S2	6	60	54	59	98.3

VRH-3-08/324

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V08-2	324	S1	6	70	49	64	91.4
V08-2	3.14	S1	6	60	83	60	100.0
V08-2	323	S1	6	60	76	66	110.0
V08-4	317	S1	6	50	46	49	98.0

VRH-3-09/331

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V09-2	331	S1	6	100	82	91	91.0
V09-2	332	S1	6	100	87	101	101.0
V09-2	3.17	S1	6	60	97	56	93.3
V09-4	330	S1	6	100	102	107	107.0

VRH-3-10/345A

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V10-2	345	S1	8	190	243	204	107.4
V10-2	345	S1	8	190	207	205	107.9
V10-2	345	S1	8	190	177	192	101.1
V10-4	345	S1	8	190	195	190	100.0

VRH-3-11/335

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V11-2	336	S2	6	60	39	65	108.3
V11-2	334	S2	6	60	126	59	98.3
V11-2	335	S1	6	80	32	75	93.8

VRH-3-12/337

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V12-2	3.21	S1	6	50	93	51	102.0
V12-2	337	S1	6	100	79	98	98.0
V12-2	338	S1	6	100	55	98	98.0

VRH-3-13/340

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V13-2	341	S2	6	40	69	53	132.5
V13-2	340	S1	6	100	51	88	88.0
V13-2	339	S1	6	100	80	108	108.0

VRH-3-14/300B

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V14-2	300	S1	6	100	81	90	90.0
V14-2	300A	S1	6	100	45	101	101.0

VRH-3-15/371

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V15-2	372	S1	6	100	98	110	110.0
V15-2	371	S1	6	100	115	109	109.0
V15-2	373	S1	6	100	115	105	105.0
V15-4	3.27	S1	8	110	86	101	91.8

VRH-3-16/386A

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V16-2	386	S1	8	120	108	125	104.2
V16-2	386	S1	8	120	122	123	102.5
V16-2	386	S1	8	120	140	129	107.5
V16-4	386	S1	8	120	141	132	110.0

VRH-3-17/377

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V17-2	375	S2	6	50	17	54	108.0
V17-2	376	S2	6	30	60	33	110.0
V17-2	374	S2	6	80	54	75	93.8
V17-4	377	S1	6	60	54	59	98.3
V17-5	378	S1	6	60	46	64	106.7

VRH-3-18/379

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V18-2	380	S1	6	100	92	92	92.0
V18-2	379	S1	6	100	107	106	106.0
V18-2	3.27	S1	8	110	98	99	90.0
V18-4	380	S1	6	100	109	107	107.0

VRH-3-19/384

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V19-2	384	S1	6	100	108	92	92.0
V19-2	383	S1	6	100	56	104	104.0
V19-2	300E	S1	8	140	141	140	100.0
V19-4	385	S2	6	100	140	107	107.0
V19-5	382	S2	6	50	98	51	102.0

VRH-3-20/369

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V20-2	369	S1	6	100	102	102	102.0
V20-2	368	S1	6	100	102	104	104.0
V20-2	3.23	S1	6	100	97	93	93.0
V20-4	367	S1	8	110	90	105	95.5
V20-5				50	53	55	110.0

VRH-3-21/362

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V21-2	359	S1	6	90	184	95	105.6
V21-2	361	S1	12	410	271	397	96.8
V21-2	362	S1	6	90	188	99	110.0

VRH-3-22/365

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V22-2	363	S2	6	40	35	41	102.5
V22-2	364	S1	6	90	75	64	71.1
V22-2	365	S1	6	100	48	46	46.0
V22-4	HALL	S1	6	50	131	108	216.0
V22-5	357	S1	6	60	75	61	101.7
V22-6	LOCKERS	S1	6	60	83	69	115.0
V22-7	366	S1	8	110	112	93	84.5

VRH-3-23/358

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V23-2	358	S1	12	440	189	418	95.0
V23-2	358	S1	12	440	712	440	100.0

VRH-3-24/351

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V24-2	351	S1	8	110	92	107	97.3
V24-2	352	S1	6	70	103	67	95.7
V24-2	356	S1	8	110	43	101	91.8
V24-4	353	S1	6	70	103	74	105.7

VRH-3-25/348

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V25-2	349	S1	6	50	91	51	102.0
V25-2	347	S1	6	90	70	90	100.0
V25-2	348	S1	6	90	29	90	100.0

VRH-3-26/342

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V26-2	342	S1	6	100	91	95	95.0
V26-2	3.20	S1	6	50	77	46	92.0
V26-2	343	S1	6	100	97	102	102.0
V26-4	344	S1	6	100	79	93	93.0

VRH-3-27/328

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V27-2	328	S1	6	100	74	103	103.0
V27-2	327	S1	6	100	27	46	46.0
V27-2	329	S1	6	70	105	107	152.9
V27-4	300I	S1	6	100	119	105	105.0
V27-5	326	S1	6	40	64	48	120.0
V27-6	346	S1	6	40	85	53	132.5
V27-7	325	S2	6	50	75	51	102.0

VRH-3-28/321

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V28-2	322	S1	8	200	72	135	67.5
V28-2	320	S2	6	100	166	101	101.0
V28-2	321	S1	6	100	120	98	98.0
V28-4	3.15	S1	6	60	186	113	188.3
V28-5	319	S1	6	100	199	120	120.0

VAV-3-01/355

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
VAV01-2	355	S1	12	500	562		-

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Project: CW 2999 - UTSW (DALLAS, TX)

Diffuser Supply (GRD)

FPB-3-01/300D

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F01-2	300D	S5	10	305	161	277	90.8
F01-2	300D	S5	10	305	314	318	104.3
F01-2	300D	S5	10	305	255	301	98.7
F01-4	300D	S5	10	305	295	323	105.9
F01-5	300D	S5	10	305	325	310	101.6
F01-6	300D	S5	10	305	399	320	104.9

FPB-3-02/300E

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F02-2	300F	S5	10	305	243	292	95.7
F02-2	300F	S5	10	305	231	284	93.1
F02-2	300F	S5	10	305	83	287	94.1
F02-4	300F	S5	10	305	305	299	98.0
F02-5	300F	S5	10	305	380	301	98.7
F02-6	300F	S5	10	305	303	285	93.4

FPB-3-03/300C

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F03-02	300C	S5	10	305	261	276	90.5
F03-02	300C	S5	10	305	262	279	91.5
F03-02	300C	S5	10	305	229	275	90.2
F03-04	300C	S5	10	305	222	279	91.5

FPB-3-04/300H

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F04-2	300H	S5	10	305	224	279	91.5
F04-2	300H	S5	10	305	190	289	94.8
F04-2	300H	S5	10	305	276	303	99.3
F04-4	WAITING	S5	10	305	280	309	101.3
F04-5	WAITING	S5	10	305	303	319	104.6
F04-6	WAITING	S5	10	305	309	290	95.1

FPB-3-05/300I

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F05-2	300H	S5	10	305	296	300	98.4
F05-2	300H	S5	10	305	246	275	90.2
F05-2	300H	S5	10	305	218	278	91.1
F05-4	300J	S5	10	305	325	300	98.4
F05-5	300J	S5	10	305	277	303	99.3
F05-6	300J	S5	10	305	238	292	95.7

FPB-3-06/3.10

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F06-2	3.19	S5	10	255	231	270	105.9
F06-2	3.19	S5	10	255	229	239	93.7

FPB-3-07/301

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F07-2	301	S5	8	190	198	206	108.4
F07-2	301	S5	8	190	152	184	96.8

FPB-3-08/3.12

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F08-2	3.12	S5	10	285	336	300	105.3
F08-2	3.12	S5	10	285	308	283	99.3
F08-2	3.12	S5	10	285	248	259	90.9
F08-4	3.12	S5	10	285	281	269	94.4
F08-5	3.12	S5	10	285	150	258	90.5
F08-6	3.12	S5	10	285	202	282	98.9
F08-7	307	S2	8	50	53	50	100.0

FPB-3-09/415

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F09-2	415	S5	10	305	194	281	92.1
F09-2	415	S5	10	50	250	55	110.0
F09-2	415	S5	10	305	64	275	90.2
F09-4	415	S5	10	305	421	310	101.6
F09-5	415	S5	10	305	233	296	97.0
F09-6	415	S5	10	305	403	323	105.9
F09-7	415	S5	10	305	85	334	109.5

FPB-3-10/412

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F10-2	414	S5	10	305	216	287	94.1
F10-2	413	S5	10	320	239	318	99.4
F10-2	412	S5	10	270	195	297	110.0

FPB-3-11/409

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F11-2	409	S5	10	250	64	274	109.6
F11-2	411	S5	10	270	70	282	104.4
F11-2	408	S5	10	270	53	244	90.4
F11-4	410	S1	8	140	35	128	91.4

FPB-3-12/405

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F12-2	406	S5	10	250	181	250	100.0
F12-2	407	S5	10	270	233	290	107.4
F12-2	405	S5	10	250	196	229	91.6

FPB-3-13/402

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F13-2	HALL	S1	8	140	124	131	93.6
F13-2	404	S5	10	260	330	249	95.8
F13-2	403	S5	10	260	167	250	96.2
F13-4	402	S5	10	265	281	272	102.6
F13-5	401	S1	8	140	161	136	97.1
F13-6	402	S5	10	265	265	259	97.7

FPB-3-14/396

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F14-2	397	S5	10	280	136	281	100.4
F14-2	396	S5	10	330	309	313	94.8
F14-2	400	S1	8	140	229	129	92.1
F14-4	399	S5	10	260	248	239	91.9

FPB-3-15/393

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F15-2	HALL	S1	8	140	164	139	99.3
F15-2	395	S5	10	290	234	274	94.5
F15-2	393	S5	10	280	211	280	100.0

FPB-3-16/392

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F16-2	392	S5	10	325	316	352	108.3
F16-2	392	S5	10	325	210	315	96.9

FPB-3-17/390

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	AK
F17-2	390	S5	10	243	204	229	94.2	
F17-2	389	S5	10	243	191	219	90.1	
F17-2	390	S5	10	244	186	239	98.0	
F17-4	390	S5	10					

FPB-3-18/388

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F18-2	387	S5	10	315	511	346	109.8
F18-2	387	S5	10	315	329	345	109.5
F18-2	387	S5	10	315	156	286	90.8
F18-4	387	S5	10	315	90	308	97.8

FPB-3-19/387

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F19-2	387	S5	10	250	292	236	94.4
F19-2	387	S5	10	250	227	250	100.0
F19-2	387	S5	10	250	87	263	105.2
F19-4	387	S5	10	250	246	261	104.4

FPB-3-20/3.26

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F20-2	3.26	S5	10	315	237	229	72.7
F20-2	3.26	S5	10	315	181	221	70.2
F20-2	3.26	S5	10	315	217	221	70.2
F20-4	3.26	S5	10	315	253	227	72.1
F20-5	3.26	S5	10	315	274	233	74.0
F20-6	3.26	S5	10	315	273	224	71.1

FPB-3-21/3.11

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F21-2	3.11	S5	10	290	254	279	96.2
F21-2	3.11	S5	10	290	269	319	110.0
F21-2	3.11	S5	10	290	238	270	93.1
F21-4	3.11	S5	10	290	258	287	99.0

FPB-3-22/300C

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F22-2	300C	S5	10	205	153	185	90.2
F22-2	300C	S5	10	205	96	186	90.7
F22-2	300C	S5	10	205	276	185	90.2
F22-4	300C	S5	10	205	143	187	91.2