



National TAB

Project: Schneider Electric (Fairfield, OH)

System/Unit: AHU/RTU

Asset: RTU-32

AREA:OFFICE

Unit Data	
	Actual
MFG	TRANE
Serial Num	253610401D
Model Num	WSK300A4S0P
Configuration	VERTICAL
Num OA Filters 1	1
OA Filter Size 1	18"x66"x1"
Num PreFilter 1	8
PreFilter Size 1	20"x30"x2"

Motor Data	
	Actual
Horsepower	2@5.0
Phase	3
Rated Voltage	2@460
Rated Amperage	2@5.5

Test Data		
	Design	Actual
SF CFM	9000	
SF RPM (Initial)	-	
SF RPM	1601	
RA CFM	7200	
OA CFM	1800	
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	1.25	
Fan Total SP	1.913	
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: Schneider Electric (Fairfield, OH)

AHU/RTU

VAV - Single Duct

RTU-32/OFFICE

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
VB-3201	NAILOR	D30RE	REHEAT	10	1000		1000		1000		
VB-3202	NAILOR	D30RE	REHEAT	10	850	833	275	280	650	645	1.11
VB-3203	NAILOR	D30RE	REHEAT	8	550	567	175	182	400	404	1.08
VB-3204	NAILOR	D30RE	REHEAT	8	500	492	175	178	400	389	1.11
VB-3205	NAILOR	D30RE	REHEAT	8	600		175		375		
VB-3206	NAILOR	D30RE	REHEAT	12	1600		600		1200		
VB-3207	NAILOR	D30RE	REHEAT	10	900	909	300	304	675	668	1.05

VAV-Fan Powered Box

RTU-32/OFFICE

Asset												
Asset Name	MFG	Model Num	Service	Type	Inlet Size	Design Max Cool CFM	Max Cool CFM	Design Min Heat CFM	Min Heat CFM	Design Fan CFM (Heat)	Fan CFM (Heat)	Ak (max)
FPB-3201	NAILOR	D35SE		REHEAT	10	1200		400		1200		
FPB-3202	NAILOR	D35SE		REHEAT	14	2200		800		2200		
FPB-3203	NAILOR	D35SEST		REHEAT	8	600		200		600		

Diffuser Supply (GRD)

FPB-3201/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3201-1	HALL	CD-1	10	300			-
F3201-2	HALL	CD-1	10	300			-
F3201-3	HALL	CD-1	10	300			-
F3201-4	HALL	CD-1	10	300			-
Total				1200	0	0	0%

FPB-3202/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3202-1	HALL	CD-1	10	300			-
F3202-2	HALL	CD-1	10	250			-
F3202-3	HALL	CD-1	10	250			-
F3202-4	HALL	CD-1	10	300			-
F3202-5	HALL	CD-1	10	300			-
F3202-6	HALL	CD-1	10	250			-
F3202-7	HALL	CD-1	10	250			-
F3202-8	HALL	CD-1	10	300			-
Total				2200	0	0	0%

FPB-3203/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3203-1		SR-1	18X6	200			-
F3203-2		SR-1	18X6	200			-
F3203-3		SR-1	18X6	200			-

FPB-3203/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
Total				600	0	0	0%

VB-3201/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3201-1	WOMEN RR	CD-1	10	250			-
V3201-2	MENS RR	CD-1	10	250			-
V3201-3	WOMEN RR	CD-1	10	250			-
V3201-4	MENS RR	CD-1	10	250			-
Total				1000	0	0	0%

VB-3202/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3202-1				250	302	288	115.2
V3202-2				150	95	85	56.7
V3202-3				250	304	257	102.8
V3202-4				100	102	101	101.0
V3202-5				100	117	102	102.0
Total				850	920	833	98%

VB-3203/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3203-1	OFFICE	CD-1	6	150	199	191	127.3
V3203-2	OFFICE	CD-2	8	200	211	206	103.0
V3203-3	OFFICE	CD-2	8	200	180	170	85.0
Total				550	590	567	103.09%

VB-3204/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3204-1	OFFICE	CD-2	8	200	141	192	96.0
V3204-2	OFFICE	CD-1	6	75	87	81	108.0
V3204-3	OFFICE	CD-1	6	75	97	80	106.7
V3204-4	OFFICE	CD-1	6	75	107	69	92.0
V3204-5	OFFICE	CD-1	6	0	0	0	-
V3204-6	OFFICE	CD-1	6	75	117	70	93.3
Total				500	549	492	98.4%

VB-3205/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3205-1	OFFICE	CD-1	8	200			-
V3205-2	OFFICE	CD-1	6	150			-
V3205-3	OFFICE	CD-1	6	150			-
V3205-4	HALL	CD-1	6	100			-
Total				600	0	0	0%

VB-3206/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3206-1		CD-1	8	200			-
V3206-2		CD-1	8	200			-
V3206-3		SR-1	12X8	400			-
V3206-4		CD-1	8	200			-
V3206-5		CD-1	8	200			-
V3206-6		SR-1	12X8	400			-
Total				1600	0	0	0%

VB-3207/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3207-1		CD-1	6	100	143	108	108.0

VB-3207/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3207-2		CD-1	8	200	259	201	100.5
V3207-3		CD-1	8	200	264	207	103.5
V3207-4		CD-1	8	200	34	207	103.5
V3207-5		CD-1	8	200	248	186	93.0
Total				900	948	909	101%

Diffuser Ret/Exh (GRD)**FPB-3203/**

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
RF3203-1		RR1	14X16	600				-
Total				600		0	0	0%

Completed By: Gabe Merk on 03/12/2026

Asset	Notes	Date	Written By
VB-3204	diffuser 5 removed from plans.	03/10/2026	Gabe Merk
V3202-1	missing damper. unable to complete diffuser balance.	03/10/2026	Gabe Merk



National TAB

Project: Schneider Electric (Fairfield, OH)

System/Unit: AHU/RTU

Asset: RTU-33

AREA:OFFICE

Unit Data	
	Actual
MFG	TRANE
Serial Num	253610402D
Model Num	WSK300A4S0P
Configuration	VERTICAL
Num OA Filters 1	1
OA Filter Size 1	18"x66"x1"
Num PreFilter 1	8
PreFilter Size 1	20"x30"x2"

Motor Data	
	Actual
Horsepower	2@5.0
Phase	3
Rated Voltage	2@460
Rated Amperage	2@5.5

Test Data		
	Design	Actual
SF CFM	9000	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	7200	
OA CFM	1800	
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	1.25	
Fan Total SP	1.913	
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: Schneider Electric (Fairfield, OH)

AHU/RTU

VAV - Single Duct

RTU-33/OFFICE

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
VB3301	NAILOR	D30RE	REHEAT	12	1720	1688	600	615	1275	1265	1.04
VB3302	NAILOR	D30RE	REHEAT	10	725	736	225	227	525	530	1.05
VB3303	NAILOR	D30RE	REHEAT	8	600	608	200	198	450	446	1.04
VB3304	NAILOR	D30RE	REHEAT	12	1200	1185	400	389	900	910	1.12
VB3305	NAILOR	D30RE	REHEAT	10	900	923	300	312	675	686	1.04
VB3306	NAILOR	D30RE	REHEAT	12	1200		300		900		
VB3307	NAILOR	D30RE	REHEAT	8	600		600		600		
VB3308	NAILOR	D30RE	REHEAT	6	300	297	100	101	225	218	

VAV-Fan Powered Box

RTU-33/OFFICE

Asset												
Asset Name	MFG	Model Num	Service	Type	Inlet Size	Design Max Cool CFM	Max Cool CFM	Design Min Heat CFM	Min Heat CFM	Design Fan CFM (Heat)	Fan CFM (Heat)	Ak (max)
FP3301	NAILOR	D35SE		REHEAT	10	1500	1511	500	512	1500	1555	1.07
FP3302	NAILOR	D35SE		REHEAT	10	1500	1505	500	490	1500	1273	1.11
FP3303	NAILOR	D35SE		REHEAT	10	1200	1192	400	398	1200	1283	1.21

Diffuser Supply (GRD)

FP3301/OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3301-1	OPEN OFFICE	CD-1	10	300	391	272	90.7
F3301-2	OPEN OFFICE	CD-1	10	300	305	289	96.3
F3301-3	OPEN OFFICE	CD-1	10	300	324	290	96.7
F3301-4	OPEN OFFICE	CD-1	10	300	272	379	126.3
F3301-5	OPEN OFFICE	CD-1	10	300	350	325	108.3
Total				1500	1642	1555	103.67%

FP3302/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3302-1	OPEN OFFICE	CD-1	10	300	147	131	43.7
F3302-2	OPEN OFFICE	CD-1	10	300	258	259	86.3
F3302-3	OPEN OFFICE	CD-1	10	300	299	299	99.7
F3302-4	OPEN OFFICE	CD-1	10	300	268	262	87.3
F3302-5	OPEN OFFICE	CD-1	10	300	324	322	107.3
Total				1500	1296	1273	84.87%

FP3303/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3303-1		CD-1	10	300	206	329	109.7
F3303-2		CD-1	10	300	215	316	105.3
F3303-3		CD-1	10	300	427	330	110.0
F3303-4		CD-1	10	300	423	308	102.7

FP3303/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
Total				1200	1271	1283	106.92%

VB3301/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3301-1	OPEN OFFICE	CD-1	8	215	245	241	112.1
V3301-2	OPEN OFFICE	CD-1	8	215	204	230	107.0
V3301-3	OPEN OFFICE	CD-1	8	215	196	189	87.9
V3301-4	OPEN OFFICE	CD-1	8	215	93	115	53.5
V3301-5	OPEN OFFICE	CD-1	8	215	204	190	88.4
V3301-6	OPEN OFFICE	CD-1	8	215	269	241	112.1
V3301-7	OPEN OFFICE	CD-1	8	215	274	238	110.7
V3301-8	OPEN OFFICE	CD-1	8	215	268	244	113.5
Total				1720	1753	1688	98.14%

VB3302/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3302-1	OFFICE	CD-1	8	200	161	184	92.0
V3302-2	OFFICE	CD-1	6	75	86	79	105.3
V3302-3	OFFICE	CD-1	8	150	179	162	108.0
V3302-4	OFFICE	CD-1	8	150	194	150	100.0
V3302-5	OFFICE	CD-1	8	150	150	161	107.3
Total				725	770	736	101.52%

VB3303/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3303-1	OFFICE	CD-1	10	300	294	325	108.3
V3303-2	OFFICE	CD-1	10	300	240	283	94.3
Total				600	534	608	101.33%

VB3304/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3304-1	OPEN OFFICE	CD-1	8	200	234	200	100.0
V3304-2	OPEN OFFICE	CD-1	8	200	246	220	110.0
V3304-3	OPEN OFFICE	CD-1	8	200	194	182	91.0
V3304-4	OPEN OFFICE	CD-1	8	200	209	184	92.0
V3304-5	OPEN OFFICE	CD-1	8	200	200	180	90.0
V3304-6	OPEN OFFICE	CD-1	8	200	241	219	109.5
Total				1200	1324	1185	98.75%

VB3305/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3305-1	OFFICE	CD-1	8	250	218	227	90.8
V3305-2	OFFICE	CD-1	6	125	124	125	100.0
V3305-3	OFFICE	CD-1	6	125	149	158	126.4
V3305-4	OFFICE	CD-1	6	125	131	126	100.8
V3305-5	OFFICE	CD-1	6	75	112	69	92.0
V3305-6	OFFICE	CD-1	8	200	200	218	109.0
Total				900	934	923	102.56%

VB3306/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3306-1	OPEN OFFICE	CD-1	10	300			-
V3306-2	OPEN OFFICE	CD-1	10	300			-
V3306-3	OPEN OFFICE	CD-1	10	300			-
V3306-4	OPEN OFFICE	CD-1	10	300			-
Total				1200	0	0	0%

VB3307/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3307-1	WOMEN RR	CD-1	10	300			-
V3307-2	MENS RR	CD-1	10	300			-
Total				600	0	0	0%

VB3308/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3308-1	KITCHENETTE	CD-1	10	300	336	297	99.0
Total				300	336	297	99%

Completed By: Gabe Merk on 03/12/2026

Asset	Notes	Date	Written By
VB3301	diffuser 4 jammed damper	03/11/2026	Gabe Merk
VB3305	diffuser 3 jammed damper	03/11/2026	Gabe Merk
FP3301	jammed dampers on diffusers 4 and 5 preventing diffuser balance. 3/11	03/11/2026	Gabe Merk
FP3302	fan total low. unable to balance diffusers to design.	03/11/2026	Gabe Merk



National TAB

Project: Schneider Electric (Fairfield, OH)

System/Unit: AHU/RTU

Asset: RTU-34

AREA:OFFICE

Unit Data	
	Actual
MFG	TRANE
Serial Num	253610400D
Model Num	WSK300A4S0P
Configuration	VERTICAL
Num OA Filters 1	1
OA Filter Size 1	18"x66"x1"
Num PreFilter 1	8
PreFilter Size 1	20"x30"x2"

Motor Data	
	Actual
Horsepower	2@5.0
Phase	3
Rated Voltage	2@460
Rated Amperage	2@5.5

Test Data		
	Design	Actual
SF CFM	9000	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	7200	
OA CFM	1800	
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	1.25	
Fan Total SP	1.913	
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: Schneider Electric (Fairfield, OH)

AHU/RTU

VAV - Single Duct

RTU-34/OFFICE

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
VB3401	NAILOR	D30RE	REHEAT	6	450	440	150	142	350	357	1.11
VB3402	NAILOR	D30RE	REHEAT	14	2000		700		1500		
VB3403	NAILOR	D30RE	REHEAT	6	400		125		250		1.12
VB3404	NAILOR	D30RE	REHEAT	8	600		200		450		
VB3405	NAILOR	D30RE	REHEAT	14	2250		750		1675		
VB3406	NAILOR	D30RE	REHEAT	6	400		150		350		
VB3407	NAILOR	D30RE	REHEAT	6	525		125		350		
VB3408	NAILOR	D30RE	REHEAT	8	650		225		475		
VB3409	NAILOR	D30RE	REHEAT	14	2000		700		1500		

VAV-Fan Powered Box

RTU-34/OFFICE

Asset												
Asset Name	MFG	Model Num	Service	Type	Inlet Size	Design Max Cool CFM	Max Cool CFM	Design Min Heat CFM	Min Heat CFM	Design Fan CFM (Heat)	Fan CFM (Heat)	Ak (max)
FPB3401	NAILOR	D35SE		REHEAT	10	1500		500		1500		
FPB3402	NAILOR	D35SE		REHEAT	10	1200		400		1200		

Diffuser Supply (GRD)

FPB3401/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3401-1	OPEN OFFICE	CD-1	10	300			-
F3401-2	OPEN OFFICE	CD-1	10	300			-
F3401-3	OPEN OFFICE	CD-1	10	300			-
F3401-4	OPEN OFFICE	CD-1	10	300			-
F3401-5	OPEN OFFICE	CD-1	10	300			-
Total				1500	0	0	0%

FPB3402/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3402-1	OPEN OFFICE	CD-1	10	300			-
F3402-2	OPEN OFFICE	CD-1	10	300			-
F3402-3	OPEN OFFICE	CD-1	10	300			-
F3402-4	OPEN OFFICE	CD-1	10	300			-
Total				1200	0	0	0%

VB3401/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3401-1	OFFICE	CD-1	6	125	133	117	93.6
V3401-2	OFFICE	CD-1	6	125	156	128	102.4
V3401-3	OFFICE	CD-1	8	200	213	195	97.5
Total				450	502	440	97.78%

VB3402/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3402-1	OPEN OFFICE	CD-1	10	250			-
V3402-2	OPEN OFFICE	CD-1	10	250			-
V3402-3	OPEN OFFICE	CD-1	10	250			-
V3402-4	OPEN OFFICE	CD-1	10	250			-
V3402-5	OPEN OFFICE	CD-1	10	250			-
V3402-6	OPEN OFFICE	CD-1	10	250			-
V3402-7	OPEN OFFICE	CD-1	10	250			-
V3402-8	OPEN OFFICE	CD-1	10	250			-
Total				2000	0	0	0%

VB3403/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3403-1	OFFICE	CD-1	8	200	205		-
V3403-2	OFFICE	CD-1	6	125	131		-
V3403-3	OFFICE	CD-1	6	75	117		-
Total				400	453	0	0%

VB3404/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3404-1		CD-1	10	300			-
V3404-2		CD-1	10	300			-
Total				600	0	0	0%

VB3405/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3405-1	OPEN OFFICE	CD-1	10	250			-
V3405-2	OPEN OFFICE	CD-1	10	250			-
V3405-3	OPEN OFFICE	CD-1	10	250			-
V3405-4	OPEN OFFICE	CD-1	10	250			-
V3405-5	OPEN OFFICE	CD-1	10	250			-
V3405-6	OPEN OFFICE	CD-1	10	250			-
V3405-7	OPEN OFFICE	CD-1	10	250			-
V3405-8	OPEN OFFICE	CD-1	10	250			-
V3405-9	OPEN OFFICE	CD-1	10	250			-
Total				2250	0	0	0%

VB3406/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3406-1	OFFICE	CD-1	6	125			-
V3406-2	OFFICE	CD-1	8	200			-
V3406-3	OFFICE	CD-1	6	75			-
Total				400	0	0	0%

VB3407/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3407-1	OFFICE	CD-1	6	125			-
V3407-2	OFFICE	CD-1	8	200			-
V3407-3	OFFICE	CD-1	6	75			-
V3407-4	OFFICE	CD-1	6	125			-
Total				525	0	0	0%

VB3408/							
Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3408-1	OFFICE	CD-1	8	200			-
V3408-2	OFFICE	CD-1	6	125			-
V3408-3	OFFICE	CD-1	8	200			-
V3408-4	OFFICE	CD-1	6	125			-
Total				650	0	0	0%

VB3409/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3409-1	OPEN OFFICE	CD-1	10	250			-
V3409-2	OPEN OFFICE	CD-1	10	250			-
V3409-3	OPEN OFFICE	CD-1	10	250			-
V3409-4	OPEN OFFICE	CD-1	10	250			-
V3409-5	OPEN OFFICE	CD-1	10	250			-
V3409-6	OPEN OFFICE	CD-1	10	250			-
V3409-7	OPEN OFFICE	CD-1	10	250			-
V3409-8	OPEN OFFICE	CD-1	10	250			-
Total				2000	0	0	0%

Completed By: Gabe Merk on 03/12/2026



National TAB

Project: Schneider Electric (Fairfield, OH)

System/Unit: AHU/RTU

Asset: RTU-35

AREA:OFFICE

Unit Data	
	Actual
MFG	TRANE
Serial Num	253610516D
Model Num	WSK300A4S0P
Configuration	VERTICAL
Num OA Filters 1	1
OA Filter Size 1	18"x66"x1"
Num PreFilter 1	8
PreFilter Size 1	20"x30"x2"

Motor Data	
	Actual
Horsepower	2@5.0
Phase	3
Rated Voltage	2@460
Rated Amperage	2@5.5

Test Data		
	Design	Actual
SF CFM	9000	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	7200	
OA CFM	1800	
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	1.25	
Fan Total SP	1.913	
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: Schneider Electric (Fairfield, OH)

AHU/RTU

VAV - Single Duct

RTU-35/OFFICE

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
VB3501	NAILOR	D30RE	REHEAT	8	675	702	675	702	675	702	0.99
VB3502	NAILOR	D30RE	REHEAT	6	350	358	125	122	125	122	1.15
VB3503	NAILOR	D30RE	REHEAT	14	1995	1979	700	712	1500	1532	1.22
VB3504	NAILOR	D30RE	REHEAT	14	1710	1695	700	721	1500	1515	1.17
VB3505	NAILOR	D30RE	REHEAT	8	600	609	600	609	150	152	1.02

VAV-Fan Powered Box

RTU-35/OFFICE

Asset												
Asset Name	MFG	Model Num	Service	Type	Inlet Size	Design Max Cool CFM	Max Cool CFM	Design Min Heat CFM	Min Heat CFM	Design Fan CFM (Heat)	Fan CFM (Heat)	Ak (max)
FPB3501	NAILOR	D35SE		REHEAT	10	1500		500		1500		
FPB3502	NAILOR	D35SE		REHEAT	8	925		300		925		
FPB3503	NAILOR	D35SE		REHEAT	8	750	761	250	268	750	726	1.99
FPB3504	NAILOR	D35SE		REHEAT	8	700	687	225	239	700	698	1.02
FPB3505	NAILOR	D35SE		REHEAT	8	750	756	250	237	750	758	1.03
FPB3506	NAILOR	D35SE		REHEAT	10	1150		400		1150		

Diffuser Supply (GRD)

FPB3501/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3501-1	OPEN OFFICE	CD-1	10	300			-
F3501-2	OPEN OFFICE	CD-1	10	300			-
F3501-3	OPEN OFFICE	CD-1	10	300			-
F3501-4	OPEN OFFICE	CD-1	10	300			-
F3501-5	OPEN OFFICE	CD-1	10	300			-
Total				1500	0	0	0%

FPB3502/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3502-1	OFFICE	CD-1	8	200			-
F3502-2	OFFICE	CD-1	8	175			-
F3502-3	OFFICE	CD-1	8	200			-
F3502-4	OFFICE	CD-1	8	175			-
F3502-5	OFFICE	CD-1	8	175			-
Total				925	0	0	0%

FPB3503/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3503-1	OPEN OFFICE	CD-1	10	250	170	183	73.2
F3503-2	OPEN OFFICE	CD-1	10	250	302	308	123.2
F3503-3	OPEN OFFICE	CD-1	10	250	391	235	94.0
Total				750	863	726	96.8%

FPB3504/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3504-1		CD-1	10	350	408	345	98.6
F3504-2		CD-1	10	350	436	353	100.9
Total				700	844	698	99.71%

FPB3505/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3505-1		CD-1	12	375	415	363	96.8
F3505-2		CD-1	12	375	442	395	105.3
Total				750	857	758	101.07%

FPB3506/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F3506-1		CD-2	12	450			-
F3506-2		CD-2	12	450			-
F3506-3		CD-1	10	250			-
Total				1150	0	0	0%

VB3501/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3501-1	MENS RR	CD-1	10	300	191	311	103.7
V3501-2	WOMEN RR	CD-1	10	300	196	309	103.0
V3501-3		CD-1	6	75	66	82	109.3
Total				675	453	702	104%

VB3502/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3502-1	OFFICE	CD-1	8	125	135	131	104.8
V3502-2	OFFICE	CD-1	8	125	128	129	103.2
V3502-3	OFFICE	CD-1	6	100	144	98	98.0
Total				350	407	358	102.29%

VB3503/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3503-1	KITCHENETTE	CD-1	10	285	199	174	61.1
V3503-2	KITCHENETTE	CD-1	10	285	250	219	76.8
V3503-3	KITCHENETTE	CD-1	10	285	423	300	105.3
V3503-4	KITCHENETTE	CD-1	10	285	426	349	122.5
V3503-5	HALL	CD-1	10	285	370	313	109.8
V3503-6	HALL	CD-1	10	285	408	313	109.8
V3503-7	HALL	CD-1	10	285	383	311	109.1
Total				1995	2459	1979	99.2%

VB3504/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3504-1	OPEN OFFICE	CD-1	10	285	223		-
V3504-2	OPEN OFFICE	CD-1	10	285	267		-
V3504-3	OPEN OFFICE	CD-1	10	285	372		-
V3504-4	OPEN OFFICE	CD-1	10	285	360		-
V3504-5	OPEN OFFICE	CD-1	10	285	393		-
V3504-6	OPEN OFFICE	CD-1	10	285	367		-
Total				1710	1982	0	0%

VB3505/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V3505-1		CD-1	10	300	328	328	109.3
V3505-2		CD-1	10	300	292	281	93.7

VB3505/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
Total				600	620	609	101.5%

Completed By: Gabe Merk on 03/12/2026

Asset	Notes	Date	Written By
VB3503	dampers for diffuser 4,5, and 7 inaccessible above finished hard ceiling.	03/12/2026	Gabe Merk
FPB3503	jammed damper diffuser 2.	03/12/2026	Gabe Merk