



Manual S Compliance Report

Entire House

Strada Services

Job: Lot 2 1970-C-RHG-NW
Date: 03/10/2022
By: RS
Plan: 1970

531 Codisco Way, Sanford, FL 32771 License: CAC043953

Project Information

For: Adams Homes Gainesville
_____ SW Rosemary Drive, Lake City, FL

Cooling Equipment

Design Conditions

Outdoor design DB:	92.4°F	Sensible gain:	26419	Btuh	Entering coil DB:	78.1°F
Outdoor design WB:	75.8°F	Latent gain:	4263	Btuh	Entering coil WB:	64.0°F
Indoor design DB:	75.0°F	Total gain:	30683	Btuh		
Indoor RH:	50%	Estimated airflow:	1167	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split ASHP		
Manufacturer:	Carrier	Model:	GH5SAN53600AA0+FJ5ANXB36L00
Actual airflow:	1167	cfm	
Sensible capacity:	29070	Btuh	110% of load
Latent capacity:	5229	Btuh	123% of load
Total capacity:	34298	Btuh	112% of load SHR: 85%

Heating Equipment

Design Conditions

Outdoor design DB:	33.3°F	Heat loss:	26385	Btuh	Entering coil DB:	70.0°F
Indoor design DB:	70.0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split ASHP		
Manufacturer:	Carrier	Model:	GH5SAN53600AA0+FJ5ANXB36L00
Actual airflow:	0	cfm	
Output capacity:	35600	Btuh	135% of load
Supplemental heat required:	0	Btuh	
Capacity balance:	27	°F	
Economic balance:	-99	°F	

Backup equipment type:	Elec strip		
Manufacturer:		Model:	
Actual airflow:	0	cfm	
Output capacity:	0	kW	0% of load Temp. rise: 0 °F

Meets all requirements of ACCA Manual S.



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...ake\Lot 2 1970-C-RHG-NW\Lot 2 1970-C-RHG-NW.rup Calc = MJ8 Front Door faces: NW



Project Summary

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Strada Services

Job: Lot 2 1970-C-RHG-NW
Date: 03/10/2022
By: RS
Plan: 1970

531 Codisco Way, Sanford, FL 32771 License: CAC043953

Project Information

For: Adams Homes Gainesville
_____ SW Rosemary Drive, Lake City, FL

Notes: LS 05/12/26 GAA

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db 33 °F
Inside db 70 °F
Design TD 37 °F

Ventilation Method MJ8

Heating Summary

Structure 23167 Btuh
Ducts (R-6.0) 3217 Btuh
Central vent (0 cfm) 0 Btuh

Humidification 0 Btuh
Piping 0 Btuh
Equipment load 26385 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

	Heating	Cooling
Area (ft²)	1955	1955
Volume (ft³)	17415	17415
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	110	58

Heating Equipment Summary

Make Carrier
Trade 15 SEER2 HP
Model GH5SAN53600AA0
AHRI ref 214101828

Efficiency 7.5 HSPF2
Heating input
Heating output 35600 Btuh @ 47°F
Temperature rise 0 °F
Actual air flow 0 cfm
Air flow factor 0 cfm/Btuh
Static pressure 0.50 in H2O
Space thermostat
Capacity balance point = 27 °F

Backup:
Input = 0 kW, Output = 0 Btuh, 100 AFUE

Summer Design Conditions

Outside db 92 °F
Inside db 75 °F
Design TD 17 °F
Daily range M
Relative humidity 50 %
Moisture difference 43 gr/lb

Sensible Cooling Equipment Load Sizing

Structure 18346 Btuh
Ducts (R-6.0) 8074 Btuh
Central vent (0 cfm) 0 Btuh

Blower 0 Btuh

Use manufacturer's data n
Rate/swing multiplier 0.97
Equipment sensible load 25732 Btuh

Latent Cooling Equipment Load Sizing

Structure 2608 Btuh
Ducts 1655 Btuh
Central vent (0 cfm) 0 Btuh

Equipment latent load 4263 Btuh

Equipment Total Load (Sen+Lat) 29996 Btuh
Req. total capacity at 0.75 SHR 2.9 ton

Cooling Equipment Summary

Make Carrier
Trade 15 SEER2 HP
Cond GH5SAN53600AA0
Coil FJ5ANXB36L00
AHRI ref 214101828

Efficiency 12.0 EER2, 14.5 SEER2
Sensible cooling 26250 Btuh
Latent cooling 8750 Btuh
Total cooling 35000 Btuh
Actual air flow 1167 cfm
Air flow factor 0.044 cfm/Btuh
Static pressure 0.50 in H2O
Load sensible heat ratio 0.86

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



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A Midas® / Business Performance Company

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...akeLot 2 1970-C-RHG-NW\Lot 2 1970-C-RHG-NW.rup Calc = MJ8 Front Door faces: NW

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1	Room name					Entire House					Master				
2	Exposed wall					208.0 ft					58.5 ft				
3	Room height					8.8 ft					8.0 ft				
4	Room dimensions										1.0 x 359.8 ft				
5	Room area					1976.5 ft²					359.8 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	ne	3.34	2.76	568	552	1843	1526	116	116	387	321	
11	G	2A-2ov	0.330	ne	12.11	19.88	16	0	196	322	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	64	64	115	168	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.76	364	282	942	780	180	148	493	408	
	G	2A-2ov	0.330	se	12.11	19.98	32	2	392	647	32	2	392	647	
	G	2A-2ov	0.330	se	12.11	10.11	32	32	392	327	0	0	0	0	
	D	11J0	0.600	se	22.02	17.97	18	18	391	319	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	32	32	58	84	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	510	444	1482	1227	172	138	461	382	
	G	2A-2ov	0.330	sw	12.11	19.98	49	3	588	970	16	1	196	323	
	D	11J0	0.600	sw	22.02	17.97	18	18	391	319	18	18	391	319	
	W	12C-0sw	0.091	nw	3.34	2.76	186	129	431	357	0	0	0	0	
	G	2A-2ov	0.330	nw	12.11	19.88	32	0	392	644	0	0	0	0	
	D	11D0	0.390	nw	14.31	11.68	24	24	344	280	0	0	0	0	
	P	12C-0sw	0.091	-	3.34	1.37	211	193	645	265	0	0	0	0	
	D	11D0	0.390	n	14.31	11.68	18	18	255	208	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	1982	1982	2328	3390	360	360	422	615	
	F	22A-tpl	0.989	-	36.30	0.00	1976	208	7550	0	360	58	2123	0	
6	c) AED excursion									87				-84	
	Envelope loss/gain								18734	11920			4867	2932	
12	a) Infiltration								4433	1106			1203	300	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230 Appliances/other						4			920 4400	2			460 900	
	Subtotal (lines 6 to 13)								23167	18346			6070	4592	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								23167	18346			6070	4592	
15	Duct loads						14%	44%	3217	8074	14%	44%	843	2021	
	Total room load								26385	26419			6913	6613	
	Air required (cfm)								0	1167			0	292	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Right-J® Worksheet

Entire House

Strada Services

Job: Lot 2 1970-C-RHG-NW
Date: 03/10/2022
By: RS
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1	Room name					Fam/Din					0 ft				
2	Exposed wall					50.5 ft					heat/cool				
3	Room height					10.2 ft					8.0 ft				
4	Room dimensions					1.0 x 670.8 ft					5.0 x 3.5 ft				
5	Room area					670.8 ft²					17.5 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	ne	3.34	2.76	60	60	200	166	0	0	0	0	
11	G	2A-2ov	0.330	ne	12.11	19.88	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	64	64	115	168	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.76	184	134	449	371	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	19.98	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	10.11	32	32	392	327	0	0	0	0	
	D	11J0	0.600	se	22.02	17.97	18	18	391	319	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	32	32	58	84	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	130	98	326	270	0	0	0	0	
	G	2A-2ov	0.330	sw	12.11	19.98	32	2	392	647	0	0	0	0	
	D	11J0	0.600	sw	22.02	17.97	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	60	36	122	101	0	0	0	0	
	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	
	D	11D0	0.390	nw	14.31	11.68	24	24	344	280	0	0	0	0	
	P	12C-0sw	0.091	-	3.34	1.37	135	135	451	185	0	0	0	0	
	D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	674	674	791	1152	18	18	21	30	
	F	22A-lpl	0.989	-	36.30	0.00	671	50	1833	0	18	0	0	0	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



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1	Room name					Bath 2					Bed 3				
2	Exposed wall					6.0 ft					34.0 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					11.0 x 6.0 ft					1.0 x 194.0 ft				
5	Room area					66.0 ft²					194.0 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	ne	3.34	2.76	48	48	160	133	116	116	387	321	
11	G	2A-2ov	0.330	ne	12.11	19.88	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	19.98	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	10.11	0	0	0	0	0	0	0	0	
	D	11J0	0.600	se	22.02	17.97	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	40	40	134	111	
	G	2A-2ov	0.330	sw	12.11	19.98	0	0	0	0	0	0	0	0	
	D	11J0	0.600	sw	22.02	17.97	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	116	84	279	231	
G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	32	0	392	644		
D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0		
P	12C-0sw	0.091	-	3.34	1.37	0	0	0	0	0	0	0	0		
D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0		
C	16B-30ad	0.032	-	1.17	1.71	66	66	78	113	194	194	228	332		
F	22A-tpl	0.989	-	36.30	0.00	66	6	218	0	194	34	1234	0		
6	c) AED excursion								-5				179		
	Envelope loss/gain							456	241			2654	1817		
12	a) Infiltration							123	31			699	175		
	b) Room ventilation							0	0			0	0		
13	Internal gains: Occupants @ 230						0		0	1			230		
	Appliances/other								0				300		
	Subtotal (lines 6 to 13)							579	271			3354	2522		
14	Less external load							0	0			0	0		
	Less transfer							0	0			0	0		
	Redistribution							23	33			16	22		
15	Subtotal							602	305			3369	2544		
	Duct loads						14%	44%	84	134	14%	44%	468	1120	
	Total room load								686	439			3837	3663	
	Air required (cfm)								0	19			0	162	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

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1	Room name					Bed 2					Lau				
2	Exposed wall					15.0 ft					16.0 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					1.0 x 187.8 ft					9.5 x 6.5 ft				
5	Room area					187.8 ft²					61.8 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	ne	3.34	2.76	120	104	347	287	0	0	0	0	
11	G	2A-2ov	0.330	ne	12.11	19.88	16	0	196	322	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	19.98	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	10.11	0	0	0	0	0	0	0	0	
	D	11J0	0.600	se	22.02	17.97	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	52	52	174	144	
	G	2A-2ov	0.330	sw	12.11	19.98	0	0	0	0	0	0	0	0	
	D	11J0	0.600	sw	22.02	17.97	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	
	D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0	
	P	12C-0sw	0.091	-	3.34	1.37	0	0	0	0	76	58	194	80	
	D	11D0	0.390	n	14.31	11.68	0	0	0	0	18	18	255	208	
	C	16B-30ad	0.032	-	1.17	1.71	188	188	220	321	62	62	73	106	
	F	22A-tpl	0.989	-	36.30	0.00	188	15	544	0	62	16	581	0	
6	c) AED excursion								-28				-19		
	Envelope loss/gain								1308	902			1276	518	
12	a) Infiltration								309	77			134	33	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230						1			230	0			0	
	Appliances/other									300				500	
	Subtotal (lines 6 to 13)								1616	1509			1410	1051	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								19	27			0	0	
15	Subtotal								1635	1537			1410	1051	
	Duct loads						14%	44%	227	676	14%	44%	196	463	
	Total room load								1862	2213			1605	1514	
	Air required (cfm)								0	98			0	67	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

531 Codisco Way, Sanford, FL 32771 License: CAC043953

1	Room name					Kitchen 14.5 ft					Bath 1 13.5 ft				
2	Exposed wall					8.9 ft					8.0 ft				
3	Room height					heat/cool					heat/cool				
4	Room dimensions					9.5 x 14.5 ft					1.0 x 14.2 ft				
5	Room area					137.8 ft²					141.2 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	ne	3.34	2.76	0	0	0	0	108	108	361	299	
11	G	2A-2ov	0.330	ne	12.11	19.88	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	19.98	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	se	12.11	10.11	0	0	0	0	0	0	0	0	
	D	11J0	0.600	se	22.02	17.97	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	116	116	387	321	0	0	0	0	
	G	2A-2ov	0.330	sw	12.11	19.98	0	0	0	0	0	0	0	0	
	D	11J0	0.600	sw	22.02	17.97	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	9	9	30	25	0	0	0	0	
P	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	
	D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0	
	D	12C-0sw	0.091	-	3.34	1.37	0	0	0	0	0	0	0	0	
C	D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	141	141	165	241	141	141	166	242	
F	D	22A-tpl	0.989	-	36.30	0.00	138	14	526	0	141	14	490	0	
6	c) AED excursion									-33				-11	
	Envelope loss/gain								1109	553			1017	529	
12	a) Infiltration								321	80			278	69	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230						0			0	0			0	0
	Appliances/other									1200				0	0
	Subtotal (lines 6 to 13)								1430	1833			1294	599	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
15	Subtotal								1430	1833			1294	599	
	Duct loads						14%	44%	199	807		14%	44%	180	263
	Total room load								1629	2640			1474	862	
	Air required (cfm)								0	117			0	38	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

531 Codisco Way, Sanford, FL 32771 License: CAC043953

1	Room name					Wic 0 ft					TO 0 ft				
2	Exposed wall					8.0 ft					8.0 ft				
3	Room height					1.0 x					6.0 x				
4	Room dimensions					72.5 ft					18.0 ft				
5	Room area					72.5 ft²					18.0 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	ne	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	ne	12.11	19.88	0	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	0
11	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	se	12.11	19.98	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	se	12.11	10.11	0	0	0	0	0	0	0	0	0
	D	11J0	0.600	se	22.02	17.97	0	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	sw	12.11	19.98	0	0	0	0	0	0	0	0	0
	D	11J0	0.600	sw	22.02	17.97	0	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	0
	D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0	0
	P	12C-0sw	0.091	-	3.34	1.37	0	0	0	0	0	0	0	0	0
	D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.71	72	72	85	124	18	18	21	31	0
	F	22A-ipl	0.989	-	36.30	0.00	72	0	0	0	18	0	0	0	0
6	c) AED excursion								-2				-1		
	Envelope loss/gain								85	122			21	30	
12	a) Infiltration								0	0			0	0	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230						0		0	0	0		0	0	
	Appliances/other								0				0		
	Subtotal (lines 6 to 13)								85	122			21	30	
	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
14	Subtotal								85	122			21	30	
15	Duct loads						14%	44%	12	54	14%	44%	3	13	
	Total room load								97	175			24	44	
	Air required (cfm)								0	8			0	2	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Duct System Summary

Entire House

Strada Services

Job: Lot 2 1970-C-RHG-NW
Date: 03/10/2022
By: RS
Plan: 1970

531 Codisco Way, Sanford, FL 32771 License: CAC043953

Project Information

For: Adams Homes Gainesville
_____ SW Rosemary Drive, Lake City, FL

	Heating	Cooling
External static pressure	0.50 in H ₂ O	0.50 in H ₂ O
Pressure losses	0.16 in H ₂ O	0.16 in H ₂ O
Available static pressure	0.34 in H ₂ O	0.34 in H ₂ O
Supply / return available pressure	0.170 / 0.170 in H ₂ O	0.170 / 0.170 in H ₂ O
Lowest friction rate	0.258 in/100ft	0.258 in/100ft
Actual air flow	0 cfm	1167 cfm
Total effective length (TEL)	132 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
Bath 1	c 862	0	38	0.269	5.0	0x0	VIFx	26.2	100.0	st2
Bath 2	c 439	0	19	0.288	4.0	0x0	VIFx	18.0	100.0	st1
Bed 2	c 2213	0	98	0.281	6.0	0x0	VIFx	20.9	100.0	st2
Bed 3	c 3663	0	162	0.270	7.0	0x0	VIFx	26.1	100.0	st1
Fam/Din-E	c 2752	0	122	0.297	6.0	0x0	VIFx	14.3	100.0	st1
Fam/Din-F	c 2752	0	122	0.262	6.0	0x0	VIFx	29.6	100.0	st1
Fam/Din-G	c 2752	0	122	0.287	6.0	0x0	VIFx	18.7	100.0	st1
Kitchen-A	c 2640	0	117	0.258	6.0	0x0	VIFx	31.9	100.0	st1
Lau-A	c 1514	0	67	0.263	5.0	0x0	VIFx	29.3	100.0	st1
Master	c 3307	0	146	0.263	7.0	0x0	VIFx	29.4	100.0	st2
Master-B	c 3307	0	146	0.259	7.0	0x0	VIFx	31.1	100.0	st2
TO-A	c 44	0	2	0.278	4.0	0x0	VIFx	22.4	100.0	st2
Wic-A	c 175	0	8	0.275	4.0	0x0	VIFx	23.5	100.0	st2

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st1	Peak AVF	0	729	0.258	682	14.0	0 x 0	VinIFlx	
st2	Peak AVF	0	438	0.259	557	12.0	0 x 0	VinIFlx	



Return Branch Detail Table

Name	Grille Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	0	1167	0	0	0	0	0x 0		VIFx	